

MacBook M1
8/7/22, 11:51 AM

Logs:

Apple System Log (ASL) Messages:

Source: [/var/log/asl](#)
Size: 132 KB (132,311 bytes)
Last Modified: 8/7/22, 11:51 AM
Recent Contents: ...

Aug 5, 2022 at 3:14:41 PM Installer Progress[375]: Releasing the boot windows
Aug 5, 2022 at 3:14:42 PM Installer Progress[375]: Progress Updated: currentPhase = "loginwindow Boot", phase progress = 55.000, total progress = 56.230
Aug 5, 2022 at 3:14:42 PM loginwindow[421]: USER_PROCESS: 421 console
Aug 5, 2022 at 3:14:42 PM Installer Progress[375]: Progress Updated: currentPhase = "loginwindow Boot", phase progress = 80.000, total progress = 80.547
Aug 5, 2022 at 3:14:42 PM Installer Progress[375]: Moving window from {{0, 0}, {1280, 800}} to {{0, 0}, {1920, 1080}}
Aug 5, 2022 at 3:14:42 PM Installer Progress[375]: Setting window alpha values to 1.0
Aug 5, 2022 at 3:14:42 PM Installer Progress[375]: Setting window alpha values to 1.0
Aug 5, 2022 at 3:14:43 PM TechToolProDaemon[386]: daemon::internalBatteryState isBatt: 1 isFail: 0 maxcap: 4356.0 designcap: 5103.0 %capacity: 85.362
Aug 5, 2022 at 3:14:44 PM loginwindow[421]: client 0x6000007cb480: phaseName = "loginwindow Boot" is done
Aug 5, 2022 at 3:14:44 PM loginwindow[421]: ISAP: Done with Phase "loginwindow Boot"
Aug 5, 2022 at 3:14:44 PM Installer Progress[375]: Progress Updated: currentPhase = "loginwindow Boot", phase progress = 100.000, total progress = 100.000
Aug 5, 2022 at 3:14:44 PM Installer Progress[375]: Done with phase = "loginwindow Boot"
Aug 5, 2022 at 3:14:44 PM Installer Progress[375]: Progress Updated: currentPhase = "loginwindow Boot", phase progress = 100.000, total progress = 100.000
Aug 5, 2022 at 3:14:44 PM Installer Progress[375]: IASClearInstallProgress: Clearing Registry
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Setting window alpha values to 1.0
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Calling animation completion handler
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Progress complete, notifying registered clients
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Calling completion handler for phase "loginwindow Boot"
Aug 5, 2022 at 3:14:45 PM loginwindow[421]: Calling completion handler for 0x6000007cb480
Aug 5, 2022 at 3:14:45 PM loginwindow[421]: client 0x6000007cb480: phaseName = "loginwindow Boot", hide progress UI called
Aug 5, 2022 at 3:14:45 PM loginwindow[421]: ISAP: hide progress UI called
Aug 5, 2022 at 3:14:45 PM loginwindow[421]: client 0x6000007cb480: phaseName = "loginwindow Boot" is being released
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Hiding Progress UI
Aug 5, 2022 at 3:14:45 PM loginwindow[421]: Releasing Connection
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Showing the cursor in Progress UI
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: GUI session is logged in
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Order Out CG Shield Window
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Setting window alpha values to 0.0
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Progress app removed from the frontmost only list
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Progress app set to Background only app
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: HotKeys enabled
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Start quit timer, will attempt to quit in 5 second(s) at 3:14:50 PM
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Will attempt to bring the Finder forward
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Activated application <NSRunningApplication: 0x600003e99980 (com.apple.finder - 735) LSASN:{hi=0x0;lo=0x23023}>
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Saving completion handler for phase loginwindow Boot
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Connected processes {
 "C3057615-E6A7-4799-B2D8-200ACF0AA4FB" = {
 CompletionHandlerKey = "<__NSMallocBlock__: 0x600003398b90>";
 "Phase Name" = "loginwindow Boot";
 "Process ID" = 421;
 UUID = "C3057615-E6A7-4799-B2D8-200ACF0AA4FB";
 };
}
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Unregister process 421, phaseName loginwindow Boot, uuid C3057615-E6A7-4799-B2D8-200ACF0AA4FB
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Connected processes {
}
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: Start quit timer, will attempt to quit in 5 second(s) at 3:14:50 PM
Aug 5, 2022 at 3:14:45 PM Installer Progress[375]: There is no animation completion handler to call
Aug 5, 2022 at 3:14:46 PM Installer Progress[375]: Ordering windows out
Aug 5, 2022 at 3:14:50 PM Installer Progress[375]: Quitting because there are no phases. There are no connected processes. The UI is not showing.
Aug 5, 2022 at 3:14:50 PM Installer Progress[375]: Quitting Progress App
Aug 5, 2022 at 3:14:50 PM Installer Progress[375]: Showing the cursor in Progress UI
Aug 5, 2022 at 3:14:50 PM Installer Progress[375]: GUI session is logged in
Aug 5, 2022 at 3:14:50 PM Installer Progress[375]: Order Out CG Shield Window
Aug 5, 2022 at 3:14:50 PM Installer Progress[375]: Setting window alpha values to 0.0
Aug 5, 2022 at 3:14:50 PM Installer Progress[375]: Showing the cursor in Progress UI
Aug 5, 2022 at 3:14:50 PM loginwindow[421]: The connection was interrupted, calling interruption handlers
Aug 5, 2022 at 3:14:51 PM com.micromat.LifespanHelper[363]: LifespanHelper running
Aug 5, 2022 at 3:14:55 PM TechToolProAgent[1076]: -----
Aug 5, 2022 at 3:14:55 PM TechToolProAgent[1076]: ttp agent:: starting
Aug 5, 2022 at 3:14:55 PM TechToolProAgent[1076]: -----
Aug 5, 2022 at 3:15:41 PM loginwindow[421]: There is still an active connection
Aug 5, 2022 at 3:15:45 PM loginwindow[421]: There is still an active connection
Aug 5, 2022 at 3:24:43 PM syslogd[378]: ASL Sender Statistics
Aug 5, 2022 at 3:38:40 PM syslogd[378]: ASL Sender Statistics
Aug 5, 2022 at 3:55:35 PM syslogd[378]: ASL Sender Statistics
Aug 5, 2022 at 4:08:25 PM syslogd[378]: ASL Sender Statistics
Aug 5, 2022 at 4:17:13 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:1
Aug 5, 2022 at 4:17:13 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:1
Aug 5, 2022 at 4:17:23 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:2
Aug 5, 2022 at 4:17:23 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:2
Aug 5, 2022 at 4:17:39 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:3
Aug 5, 2022 at 4:17:39 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:3
Aug 5, 2022 at 4:18:25 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:4
Aug 5, 2022 at 4:18:25 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:4
Aug 5, 2022 at 4:18:25 PM syslogd[378]: ASL Sender Statistics
Aug 5, 2022 at 4:19:13 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:5
Aug 5, 2022 at 4:19:13 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:5
Aug 5, 2022 at 4:19:29 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:6
Aug 5, 2022 at 4:19:29 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:6
Aug 5, 2022 at 4:20:52 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:7
Aug 5, 2022 at 4:20:52 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:7
Aug 5, 2022 at 4:21:46 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:8
Aug 5, 2022 at 4:21:46 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:8
Aug 5, 2022 at 4:22:53 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:9

Aug 5, 2022 at 4:22:53 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:9
Aug 5, 2022 at 4:24:34 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:10
Aug 5, 2022 at 4:24:34 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:10
Aug 5, 2022 at 4:27:22 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:11
Aug 5, 2022 at 4:27:22 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:11
Aug 5, 2022 at 4:30:21 PM syslogd[378]: ASL Sender Statistics
Aug 5, 2022 at 4:30:47 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:12
Aug 5, 2022 at 4:30:47 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:12
Aug 5, 2022 at 4:31:24 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:13
Aug 5, 2022 at 4:31:24 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:13
Aug 5, 2022 at 4:32:24 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:14
Aug 5, 2022 at 4:32:24 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:14
Aug 5, 2022 at 4:32:28 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:15
Aug 5, 2022 at 4:32:28 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:15
Aug 5, 2022 at 4:33:19 PM com.micromat.techtoolpro15.TTP15BackgroundTool[2130]: MMDevNodeFactory::setobj-for-node devnode list node: " obj is valid: 1 dt: 1659742399011.133
Aug 5, 2022 at 4:36:13 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:16
Aug 5, 2022 at 4:36:13 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:16
Aug 5, 2022 at 4:38:17 PM AMPDeviceDiscoveryAgent[753]: Entered: __AMMuxedDeviceDisconnected, mux-device:17
Aug 5, 2022 at 4:38:17 PM AMPDeviceDiscoveryAgent[753]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:17
Aug 5, 2022 at 4:38:24 PM TechToolProDaemon[386]: daemon::powerOff message received from agent -- save preferences
Aug 5, 2022 at 4:38:24 PM sessionlogoutd[2423]: DEAD_PROCESS: 421 console
Aug 5, 2022 at 4:38:42 PM bootlog[0]: BOOT_TIME 1659742722 434173
Aug 5, 2022 at 4:39:25 PM syslogd[381]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 5, 2022 at 4:39:25 PM syslogd[381]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 5, 2022 at 4:39:25 PM syslogd[381]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
Aug 5, 2022 at 4:39:25 PM syslogd[381]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
Aug 5, 2022 at 4:39:25 PM syslogd[381]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 5, 2022 at 4:39:25 PM syslogd[381]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 5, 2022 at 4:39:25 PM syslogd[381]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 5, 2022 at 4:39:25 PM syslogd[381]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 5, 2022 at 4:39:25 PM syslogd[381]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 5, 2022 at 4:39:25 PM syslogd[381]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 5, 2022 at 4:39:25 PM syslogd[381]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module "com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
Aug 5, 2022 at 4:39:25 PM syslogd[381]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 5, 2022 at 4:39:25 PM syslogd[381]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 5, 2022 at 4:39:25 PM Installer Progress[378]: Progress UI App Starting
Aug 5, 2022 at 4:39:25 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: 1 Boot windows acquired
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Enable display of the Cinematic Boot windows
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: _ShowUnmanagedSpace: 48103: Showing Unmanaged Space 2
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Hiding the cursor in Progress UI
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Configuration is deferred 1
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: Clearing phase info
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: calling progress app remoteObjectProxy
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: Creating connection
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: Connection = 0x600002270640, callers = (
" <IASUPCaller: 0x6000011749b0>"
)
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: caller = /System/Library/CoreServices/loginwindow.app/Contents/MacOS/loginwindow
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Version 2
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: version = 2
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: isModernOS = 1
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: Add phase named "IOKit Boot", progress 2.734375, delayInSeconds 0
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: Add phase named "loginwindow Boot", progress 97.265625, delayInSeconds -1
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Clearing phase info
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: Connection = 0x600002270640, callers = (
" <IASUPCaller: 0x6000011749b0>",
" <IASUPCaller: 0x6000011749d0>"
)
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: client 0x60000064c880: phaseName = "loginwindow Boot", registering connection
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: client 0x60000064c880: phaseName = "loginwindow Boot" was created
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: Connection = 0x600002270640, callers = (
" <IASUPCaller: 0x6000011749b0>",
" <IASUPCaller: 0x6000011749d0>",
" <IASUPCaller: 0x6000011749e0>"
)
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: client 0x60000064c9c0: phaseName = "IOKit Boot", registering connection
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: IASGetCurrentInstallPhaseList: Unable to get phases
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: client 0x60000064c9c0: phaseName = "IOKit Boot" was created
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: client 0x60000064c9c0: phaseName = "IOKit Boot", show progress UI called
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: ISAP: Show progress UI called
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: IASGetCurrentInstallPhase: Unable to get the current phase name
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: client 0x60000064c9c0: phaseName = "IOKit Boot" is done
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: ISAP: Done with Phase "IOKit Boot"
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Current phase name wasn't saved, using the first phase in the list,

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current phase = "(null)"
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: client 0x60000064c9c0: phaseName = "IOKit Boot" is being released
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: currentPhase = "(null)", phases = (null)
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: Releasing Connection
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: IASClearInstallProgress: Clearing Registry
Aug 5, 2022 at 4:39:27 PM loginwindow[426]: client 0x60000064c880: handler = 0x16f816008
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: totalPercentage = 0.000000
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: currentPhase = "(null)", phases = (
    "<IASPPPhase: 0x600001a8cd80: 'IOKit Boot', percentage 2.7, delay 0>"
)
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: IASSetCurrentInstallPhaseList: phases set to (
    {
        ConclusionDelay = 0;
        InstallPhase = "IOKit Boot";
        InstallPhaseActualPercentageKey = "2.734375";
        InstallPhasePercentageKey = 3;
    }
)
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: IASSetCurrentInstallPhase: Current phase name set to "IOKit Boot"
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: totalPercentage = 2.734375
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: currentPhase = "<IASPPPhase: 0x600001a8cd80: 'IOKit Boot',
percentage 2.7, delay 0>", phases = (
    "<IASPPPhase: 0x600001a8cd80: 'IOKit Boot', percentage 2.7, delay 0>",
    "<IASPPPhase: 0x600001a8cde0: 'loginwindow Boot', percentage 97.3, delay -1>"
)
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: IASSetCurrentInstallPhaseList: phases set to (
    {
        ConclusionDelay = 0;
        InstallPhase = "IOKit Boot";
        InstallPhaseActualPercentageKey = "2.734375";
        InstallPhasePercentageKey = 3;
    },
    {
        ConclusionDelay = "-1";
        InstallPhase = "loginwindow Boot";
        InstallPhaseActualPercentageKey = "97.26562";
        InstallPhasePercentageKey = 97;
    }
)
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Register process 426, phaseName loginwindow Boot, uuid
C2DE129E-64DB-46C3-AFAD-FC5E31596565
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Connected processes {
    "C2DE129E-64DB-46C3-AFAD-FC5E31596565" = {
        "Phase Name" = "loginwindow Boot";
        "Process ID" = 426;
        UUID = "C2DE129E-64DB-46C3-AFAD-FC5E31596565";
    };
}
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Saving completion handler for phase loginwindow Boot
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Connected processes {
    "C2DE129E-64DB-46C3-AFAD-FC5E31596565" = {
        CompletionHandlerKey = "<__NSMallocBlock__: 0x600003988410>";
        "Phase Name" = "loginwindow Boot";
        "Process ID" = 426;
        UUID = "C2DE129E-64DB-46C3-AFAD-FC5E31596565";
    };
}
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Register process 426, phaseName IOKit Boot, uuid
3939F5D9-72C1-45C0-B4BD-9820C08559A3
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Connected processes {
    "3939F5D9-72C1-45C0-B4BD-9820C08559A3" = {
        "Phase Name" = "IOKit Boot";
        "Process ID" = 426;
        UUID = "3939F5D9-72C1-45C0-B4BD-9820C08559A3";
    };
    "C2DE129E-64DB-46C3-AFAD-FC5E31596565" = {
        CompletionHandlerKey = "<__NSMallocBlock__: 0x600003988410>";
        "Phase Name" = "loginwindow Boot";
        "Process ID" = 426;
        UUID = "C2DE129E-64DB-46C3-AFAD-FC5E31596565";
    };
}
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Saving completion handler for phase IOKit Boot
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Connected processes {
    "3939F5D9-72C1-45C0-B4BD-9820C08559A3" = {
        CompletionHandlerKey = "<__NSMallocBlock__: 0x600003988460>";
        "Phase Name" = "IOKit Boot";
        "Process ID" = 426;
        UUID = "3939F5D9-72C1-45C0-B4BD-9820C08559A3";
    };
    "C2DE129E-64DB-46C3-AFAD-FC5E31596565" = {
        CompletionHandlerKey = "<__NSMallocBlock__: 0x600003988410>";
        "Phase Name" = "loginwindow Boot";
        "Process ID" = 426;
        UUID = "C2DE129E-64DB-46C3-AFAD-FC5E31596565";
    };
}
Aug 5, 2022 at 4:39:27 PM Installer Progress[378]: Progress Updated: currentPhase = "IOKit Boot", phase progress =
100.000, total progress = 2.734
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Progress app is loading, Å¶
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Progress app is running, Å¶
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: IASGetCurrentInstallPhaseList: phases = (
    {
        ConclusionDelay = 0;
        InstallPhase = "IOKit Boot";
        InstallPhaseActualPercentageKey = "2.734375";
        InstallPhasePercentageKey = 3;
    },
    {
        ConclusionDelay = "-1";
        InstallPhase = "loginwindow Boot";
        InstallPhaseActualPercentageKey = "97.265625";
        InstallPhasePercentageKey = 97;
    }
)
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: IASGetCurrentInstallPhase: Current phase name is "IOKit Boot"
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Advance to phase named = "IOKit Boot"
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: currentPhase = "<IASPPPhase: 0x600001a9f840: 'IOKit Boot',
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percentage 2.7, delay 0>", phases = (
  "<IASPPHase: 0x600001a9f840: 'IOKit Boot', percentage 2.7, delay 0>",
  "<IASPPHase: 0x600001a9f8c0: 'loginwindow Boot', percentage 97.3, delay -1>"
)
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Showing Progress UI
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: HotKeys disabled
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Progress app set to foreground app
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: _LSSetMetaApplicationInformationItem add to frontmost list success
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Showing the windows
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: There are 0 window(s) and 1 display(s), 1 window(s) will be added
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Created a window at {{0, 0}, {1280, 800}}
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Adding Apple Logo
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Apple logo view created
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Status is ""
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Alternate status is ""
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Alternate status is ""
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: IASPIsUsingFileVault YES
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: IASPGetBootMode InMacOSFromFVUnlock
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: BootWindowList and FileVault, using background
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: The sampled color is not equal to the first color, this isn't an Apple
logo boot image
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: isAppleLogoBootImage = NO
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: isSolidColor = NO
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Setting window alpha values to 1.0
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Ordering windows front
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Created CG Shield Window
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Enable the display of progress windows
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Using AppKit display change notification
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Done with phase = "IOKit Boot"
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Progress Updated: currentPhase = "IOKit Boot", phase progress =
100.000, total progress = 2.734
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: IASSetCurrentInstallPhase: Current phase name set to "loginwindow
Boot"
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Saving completion handler for phase IOKit Boot
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Connected processes {
  "3939F5D9-72C1-45C0-B4BD-9820C08559A3" = {
    CompletionHandlerKey = "<__NSMallocBlock__: 0x600003980d20>";
    "Phase Name" = "IOKit Boot";
    "Process ID" = 426;
    UUID = "3939F5D9-72C1-45C0-B4BD-9820C08559A3";
  };
  "C2DE129E-64DB-46C3-AFAD-FC5E31596565" = {
    CompletionHandlerKey = "<__NSMallocBlock__: 0x600003988410>";
    "Phase Name" = "loginwindow Boot";
    "Process ID" = 426;
    UUID = "C2DE129E-64DB-46C3-AFAD-FC5E31596565";
  };
}
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Unregister process 426, phaseName IOKit Boot, uuid
3939F5D9-72C1-45C0-B4BD-9820C08559A3
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Connected processes {
  "C2DE129E-64DB-46C3-AFAD-FC5E31596565" = {
    CompletionHandlerKey = "<__NSMallocBlock__: 0x600003988410>";
    "Phase Name" = "loginwindow Boot";
    "Process ID" = 426;
    UUID = "C2DE129E-64DB-46C3-AFAD-FC5E31596565";
  };
}
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Progress Updated: currentPhase = "loginwindow Boot", phase
progress = 10.000, total progress = 12.461
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Progress Updated: currentPhase = "loginwindow Boot", phase
progress = 30.000, total progress = 31.914
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Releasing the boot windows
Aug 5, 2022 at 4:39:28 PM Installer Progress[378]: Progress Updated: currentPhase = "loginwindow Boot", phase
progress = 55.000, total progress = 56.230
Aug 5, 2022 at 4:39:28 PM loginwindow[426]: USER_PROCESS: 426 console
Aug 5, 2022 at 4:39:29 PM Installer Progress[378]: Progress Updated: currentPhase = "loginwindow Boot", phase
progress = 80.000, total progress = 80.547
Aug 5, 2022 at 4:39:29 PM Installer Progress[378]: Moving window from {{0, 0}, {1280, 800}} to {{0, 0}, {1920, 1080}}
Aug 5, 2022 at 4:39:29 PM Installer Progress[378]: Setting window alpha values to 1.0
Aug 5, 2022 at 4:39:29 PM Installer Progress[378]: Setting window alpha values to 1.0
Aug 5, 2022 at 4:39:30 PM loginwindow[426]: client 0x60000064c880: phaseName = "loginwindow Boot" is done
Aug 5, 2022 at 4:39:30 PM loginwindow[426]: ISAP: Done with Phase "loginwindow Boot"
Aug 5, 2022 at 4:39:30 PM Installer Progress[378]: Progress Updated: currentPhase = "loginwindow Boot", phase
progress = 100.000, total progress = 100.000
Aug 5, 2022 at 4:39:30 PM Installer Progress[378]: Done with phase = "loginwindow Boot"
Aug 5, 2022 at 4:39:30 PM Installer Progress[378]: Progress Updated: currentPhase = "loginwindow Boot", phase
progress = 100.000, total progress = 100.000
Aug 5, 2022 at 4:39:30 PM Installer Progress[378]: IASClearInstallProgress: Clearing Registry
Aug 5, 2022 at 4:39:30 PM Installer Progress[378]: Setting window alpha values to 1.0
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Calling animation completion handler
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Progress complete, notifying registered clients
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Calling completion handler for phase "loginwindow Boot"
Aug 5, 2022 at 4:39:31 PM loginwindow[426]: Calling completion handler for 0x60000064c880
Aug 5, 2022 at 4:39:31 PM loginwindow[426]: client 0x60000064c880: phaseName = "loginwindow Boot", hide progress
UI called
Aug 5, 2022 at 4:39:31 PM loginwindow[426]: ISAP: hide progress UI called
Aug 5, 2022 at 4:39:31 PM loginwindow[426]: client 0x60000064c880: phaseName = "loginwindow Boot" is being
released
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Hiding Progress UI
Aug 5, 2022 at 4:39:31 PM loginwindow[426]: Releasing Connection
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Showing the cursor in Progress UI
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: GUI session is logged in
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Order Out CG Shield Window
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Setting window alpha values to 0.0
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Progress app removed from the frontmost only list
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Progress app set to Background only app
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: HotKeys enabled
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Start quit timer, will attempt to quit in 5 second(s) at 4:39:36 PM
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Saving completion handler for phase loginwindow Boot
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Connected processes {
  "C2DE129E-64DB-46C3-AFAD-FC5E31596565" = {
    CompletionHandlerKey = "<__NSMallocBlock__: 0x6000039848c0>";
    "Phase Name" = "loginwindow Boot";
    "Process ID" = 426;
    UUID = "C2DE129E-64DB-46C3-AFAD-FC5E31596565";
  };
}
}
```

Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Unregister process 426, phaseName loginwindow Boot, uuid C2DE129E-64DB-46C3-AFAD-FC5E31596565
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Connected processes {
}
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Start quit timer, will attempt to quit in 5 second(s) at 4:39:36 PM
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Activated application <NSRunningApplication: 0x600003489880 (com.apple.finder - 649) LSASN:{hi=0x0;lo=0x11011}>
Aug 5, 2022 at 4:39:31 PM Installer Progress[378]: Ordering windows out
Aug 5, 2022 at 4:39:32 PM Installer Progress[378]: There is no animation completion handler to call
Aug 5, 2022 at 4:39:36 PM Installer Progress[378]: Quitting because there are no phases. There are no connected processes. The UI is not showing.
Aug 5, 2022 at 4:39:36 PM Installer Progress[378]: Quitting Progress App
Aug 5, 2022 at 4:39:36 PM Installer Progress[378]: Showing the cursor in Progress UI
Aug 5, 2022 at 4:39:36 PM Installer Progress[378]: GUI session is logged in
Aug 5, 2022 at 4:39:36 PM Installer Progress[378]: Order Out CG Shield Window
Aug 5, 2022 at 4:39:36 PM Installer Progress[378]: Setting window alpha values to 0.0
Aug 5, 2022 at 4:39:36 PM Installer Progress[378]: Showing the cursor in Progress UI
Aug 5, 2022 at 4:39:36 PM loginwindow[426]: The connection was interrupted, calling interruption handlers
Aug 5, 2022 at 4:39:42 PM TechToolProAgent[735]: -----
Aug 5, 2022 at 4:39:42 PM TechToolProAgent[735]: ttp agent:: starting
Aug 5, 2022 at 4:39:42 PM TechToolProAgent[735]: -----
Aug 5, 2022 at 4:39:42 PM TechToolProDaemon[389]: daemon::internalBatteryState isBatt: 1 isFail: 0 maxcap: 4353.0 designcap: 5103.0 %capacity: 85.303
Aug 5, 2022 at 4:39:44 PM com.micromat.LifespanHelper[366]: LifespanHelper running
Aug 5, 2022 at 4:39:51 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:1
Aug 5, 2022 at 4:39:51 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:1
Aug 5, 2022 at 4:39:59 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:2
Aug 5, 2022 at 4:39:59 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:2
Aug 5, 2022 at 4:40:21 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:3
Aug 5, 2022 at 4:40:21 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:3
Aug 5, 2022 at 4:40:27 PM loginwindow[426]: There is still an active connection
Aug 5, 2022 at 4:40:31 PM loginwindow[426]: There is still an active connection
Aug 5, 2022 at 4:40:38 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:4
Aug 5, 2022 at 4:40:38 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:4
Aug 5, 2022 at 4:41:10 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:5
Aug 5, 2022 at 4:41:10 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:5
Aug 5, 2022 at 4:41:39 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:6
Aug 5, 2022 at 4:41:39 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:6
Aug 5, 2022 at 4:41:57 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:7
Aug 5, 2022 at 4:41:57 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:7
Aug 5, 2022 at 4:42:25 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:8
Aug 5, 2022 at 4:42:25 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:8
Aug 5, 2022 at 4:45:29 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:9
Aug 5, 2022 at 4:45:29 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:9
Aug 5, 2022 at 4:47:28 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:10
Aug 5, 2022 at 4:47:28 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:10
Aug 5, 2022 at 4:47:45 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:11
Aug 5, 2022 at 4:47:45 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:11
Aug 5, 2022 at 4:48:03 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:12
Aug 5, 2022 at 4:48:03 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:12
Aug 5, 2022 at 4:48:36 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:13
Aug 5, 2022 at 4:48:36 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:13
Aug 5, 2022 at 4:50:23 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 4:52:03 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:14
Aug 5, 2022 at 4:52:03 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:14
Aug 5, 2022 at 4:53:16 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:15
Aug 5, 2022 at 4:53:16 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:15
Aug 5, 2022 at 4:54:03 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:16
Aug 5, 2022 at 4:54:03 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:16
Aug 5, 2022 at 4:54:06 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:17
Aug 5, 2022 at 4:54:06 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:17
Aug 5, 2022 at 5:01:44 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 5:02:10 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:18
Aug 5, 2022 at 5:02:10 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:18
Aug 5, 2022 at 5:02:14 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:19
Aug 5, 2022 at 5:02:14 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:19
Aug 5, 2022 at 5:02:18 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:20
Aug 5, 2022 at 5:02:18 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:20
Aug 5, 2022 at 5:04:59 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:21
Aug 5, 2022 at 5:04:59 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:21
Aug 5, 2022 at 5:09:53 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:22
Aug 5, 2022 at 5:09:53 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:22
Aug 5, 2022 at 5:10:00 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:23
Aug 5, 2022 at 5:10:00 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:23
Aug 5, 2022 at 5:10:33 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:24
Aug 5, 2022 at 5:10:33 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:24
Aug 5, 2022 at 5:12:43 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:25
Aug 5, 2022 at 5:12:43 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:25
Aug 5, 2022 at 5:12:43 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 5:14:52 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:26
Aug 5, 2022 at 5:14:52 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:26
Aug 5, 2022 at 5:19:58 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:27
Aug 5, 2022 at 5:19:58 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:27
Aug 5, 2022 at 5:20:52 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:28
Aug 5, 2022 at 5:20:52 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:28
Aug 5, 2022 at 5:21:04 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:29
Aug 5, 2022 at 5:21:04 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:29
Aug 5, 2022 at 5:22:00 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:30
Aug 5, 2022 at 5:22:00 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:30
Aug 5, 2022 at 5:22:08 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:31
Aug 5, 2022 at 5:22:08 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:31
Aug 5, 2022 at 5:30:37 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 5:34:16 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:32
Aug 5, 2022 at 5:34:16 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:32
Aug 5, 2022 at 5:35:46 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:33
Aug 5, 2022 at 5:35:46 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:33
Aug 5, 2022 at 5:38:40 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:34
Aug 5, 2022 at 5:38:40 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:34
Aug 5, 2022 at 5:39:24 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:35
Aug 5, 2022 at 5:39:24 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:35
Aug 5, 2022 at 5:43:02 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 5:43:20 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:36
Aug 5, 2022 at 5:43:20 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:36
Aug 5, 2022 at 5:43:24 PM AMPDeviceDiscoveryAgent[689]: Entered: __AMMuxedDeviceDisconnected, mux-device:37
Aug 5, 2022 at 5:43:24 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr__AMMuxedDeviceDisconnected, mux-device:37

Aug 5, 2022 at 8:37:02 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:122
Aug 5, 2022 at 8:37:02 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 8:38:46 PM AMPDeviceDiscoveryAgent[689]: Entered: _AMMuxedDeviceDisconnected, mux-device:123
Aug 5, 2022 at 8:38:46 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:123
Aug 5, 2022 at 8:47:35 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 8:58:53 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 9:05:50 PM AMPDeviceDiscoveryAgent[689]: Entered: _AMMuxedDeviceDisconnected, mux-device:124
Aug 5, 2022 at 9:05:50 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:124
Aug 5, 2022 at 9:06:27 PM AMPDeviceDiscoveryAgent[689]: Entered: _AMMuxedDeviceDisconnected, mux-device:125
Aug 5, 2022 at 9:06:27 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:125
Aug 5, 2022 at 9:09:40 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 9:10:39 PM AMPDeviceDiscoveryAgent[689]: Entered: _AMMuxedDeviceDisconnected, mux-device:126
Aug 5, 2022 at 9:10:39 PM AMPDeviceDiscoveryAgent[689]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:126
Aug 5, 2022 at 9:22:17 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 9:32:41 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 9:36:43 PM awdd[518]: Diagnostics Report
Aug 5, 2022 at 9:36:43 PM awdd[518]: Diagnostics Report
Aug 5, 2022 at 9:46:35 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 9:58:01 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 10:10:07 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 10:21:05 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 10:31:28 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 10:41:45 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 10:54:30 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 11:04:54 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 11:20:16 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 11:39:51 PM syslogd[381]: ASL Sender Statistics
Aug 5, 2022 at 11:56:20 PM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 12:00:24 AM TechToolProDaemon[389]: daemon::internalBatteryState isBatt: 1 isFail: 0 maxcap: 4365.0 designcap: 5103.0 %capacity: 85.538
Aug 6, 2022 at 12:08:36 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 12:29:28 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 12:30:05 AM syslogd[381]: Configuration Notice: ASL Module "com.apple.cdscheduler" claims selected messages. Those messages may not appear in standard system log files or in the ASL database.
Aug 6, 2022 at 12:30:05 AM syslogd[381]: Configuration Notice: ASL Module "com.apple.install" claims selected messages. Those messages may not appear in standard system log files or in the ASL database.
Aug 6, 2022 at 12:30:05 AM syslogd[381]: Configuration Notice: ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl". Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
Aug 6, 2022 at 12:30:05 AM syslogd[381]: Configuration Notice: ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl". Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
Aug 6, 2022 at 12:30:05 AM syslogd[381]: Configuration Notice: ASL Module "com.apple.authd" claims selected messages. Those messages may not appear in standard system log files or in the ASL database.
Aug 6, 2022 at 12:30:05 AM syslogd[381]: Configuration Notice: ASL Module "com.apple.eventmonitor" claims selected messages. Those messages may not appear in standard system log files or in the ASL database.
Aug 6, 2022 at 12:30:05 AM syslogd[381]: Configuration Notice: ASL Module "com.apple.mail" claims selected messages. Those messages may not appear in standard system log files or in the ASL database.
Aug 6, 2022 at 12:30:05 AM syslogd[381]: Configuration Notice: ASL Module "com.apple.performance" claims selected messages. Those messages may not appear in standard system log files or in the ASL database.
Aug 6, 2022 at 12:30:05 AM syslogd[381]: Configuration Notice: ASL Module "com.apple.iokit.power" claims selected messages. Those messages may not appear in standard system log files or in the ASL database.
Aug 6, 2022 at 12:30:05 AM syslogd[381]: Configuration Notice: ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages. Those messages may not appear in standard system log files or in the ASL database.
Aug 6, 2022 at 12:30:05 AM syslogd[381]: Configuration Notice: ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module "com.apple.mkb.internal". Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
Aug 6, 2022 at 12:30:05 AM syslogd[381]: Configuration Notice: ASL Module "com.apple.mkb" claims selected messages. Those messages may not appear in standard system log files or in the ASL database.
Aug 6, 2022 at 12:30:05 AM syslogd[381]: Configuration Notice: ASL Module "com.apple.MessageTracer" claims selected messages. Those messages may not appear in standard system log files or in the ASL database.
Aug 6, 2022 at 12:43:59 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 12:55:02 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 1:14:50 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 1:29:13 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 1:47:17 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 1:58:06 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 2:15:10 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 2:38:17 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 2:56:24 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 3:14:25 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 3:31:33 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 3:49:04 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 4:00:12 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 4:11:07 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 4:21:09 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 4:31:53 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 4:42:00 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 4:58:21 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 5:15:28 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 5:40:47 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 5:57:34 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 6:00:24 AM TechToolProDaemon[389]: daemon::internalBatteryState isBatt: 1 isFail: 0 maxcap: 4352.0 designcap: 5103.0 %capacity: 85.283
Aug 6, 2022 at 6:21:32 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 6:36:38 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 6:52:12 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 7:14:56 AM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 7:15:51 AM AMPDeviceDiscoveryAgent[689]: Entered: _AMMuxedDeviceDisconnected, mux-device:127
Aug 6, 2022 at 7:15:51 AM AMPDeviceDiscoveryAgent[689]: Entered: __thr_AMMuxedDeviceDisconnected, mux-device:127
Aug 6, 2022 at 7:20:48 AM AMPDeviceDiscoveryAgent[689]: Entered: _AMMuxedDeviceDisconnected, mux-device:128

Aug 6, 2022 at 10:58:48 PM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 11:14:55 PM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 11:31:48 PM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 11:42:08 PM syslogd[381]: ASL Sender Statistics
Aug 6, 2022 at 11:54:02 PM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 12:00:25 AM TechToolProDaemon[389]: daemon::internalBatteryState isBatt: 1 isFail: 0 maxcap: 4356.0
designcap: 5103.0 %capacity: 85.362
Aug 7, 2022 at 12:05:20 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 12:20:20 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 12:30:04 AM syslogd[381]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 12:30:04 AM syslogd[381]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 12:30:04 AM syslogd[381]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
Aug 7, 2022 at 12:30:04 AM syslogd[381]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
Aug 7, 2022 at 12:30:04 AM syslogd[381]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 12:30:04 AM syslogd[381]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 12:30:04 AM syslogd[381]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 12:30:04 AM syslogd[381]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 12:30:04 AM syslogd[381]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 12:30:04 AM syslogd[381]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 12:30:04 AM syslogd[381]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module
"com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
Aug 7, 2022 at 12:30:04 AM syslogd[381]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 12:30:04 AM syslogd[381]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 12:31:07 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 12:36:55 AM AMPDeviceDiscoveryAgent[689]: Entered:_AMMuxedDeviceDisconnected, mux-device:173
Aug 7, 2022 at 12:36:55 AM AMPDeviceDiscoveryAgent[689]: Entered:___thr_AMMuxedDeviceDisconnected, mux-
device:173
Aug 7, 2022 at 12:41:32 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 12:56:32 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 1:17:16 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 1:33:25 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 1:50:42 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 2:09:56 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 2:20:07 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 2:20:08 AM awdd[518]: Diagnostics Report
Aug 7, 2022 at 2:20:08 AM awdd[518]: Diagnostics Report
Aug 7, 2022 at 2:30:26 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 2:43:26 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 2:55:15 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 3:08:39 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 3:26:48 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 3:37:21 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 3:51:13 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 4:02:41 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 4:14:59 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 4:32:51 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 4:44:46 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 4:54:52 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 5:09:37 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 5:22:17 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 5:34:27 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 5:47:14 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 5:59:44 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 6:15:56 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 6:15:56 AM TechToolProDaemon[389]: daemon::internalBatteryState isBatt: 1 isFail: 0 maxcap: 4353.0
designcap: 5103.0 %capacity: 85.303
Aug 7, 2022 at 6:27:56 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 6:42:39 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 6:53:02 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 7:03:44 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 7:15:48 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 7:26:19 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 7:36:45 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 7:40:04 AM AMPDeviceDiscoveryAgent[689]: Entered:_AMMuxedDeviceDisconnected, mux-device:174
Aug 7, 2022 at 7:40:04 AM AMPDeviceDiscoveryAgent[689]: Entered:___thr_AMMuxedDeviceDisconnected, mux-
device:174
Aug 7, 2022 at 7:40:50 AM AMPDeviceDiscoveryAgent[689]: Entered:_AMMuxedDeviceDisconnected, mux-device:175
Aug 7, 2022 at 7:40:50 AM AMPDeviceDiscoveryAgent[689]: Entered:___thr_AMMuxedDeviceDisconnected, mux-
device:175
Aug 7, 2022 at 7:47:20 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 7:47:56 AM AMPDeviceDiscoveryAgent[689]: Entered:_AMMuxedDeviceDisconnected, mux-device:176
Aug 7, 2022 at 7:47:56 AM AMPDeviceDiscoveryAgent[689]: Entered:___thr_AMMuxedDeviceDisconnected, mux-
device:176
Aug 7, 2022 at 7:48:08 AM AMPDeviceDiscoveryAgent[689]: Entered:_AMMuxedDeviceDisconnected, mux-device:177
Aug 7, 2022 at 7:48:08 AM AMPDeviceDiscoveryAgent[689]: Entered:___thr_AMMuxedDeviceDisconnected, mux-
device:177
Aug 7, 2022 at 7:50:44 AM AMPDeviceDiscoveryAgent[689]: Entered:_AMMuxedDeviceDisconnected, mux-device:178
Aug 7, 2022 at 7:50:44 AM AMPDeviceDiscoveryAgent[689]: Entered:___thr_AMMuxedDeviceDisconnected, mux-
device:178
Aug 7, 2022 at 7:51:07 AM AMPDeviceDiscoveryAgent[689]: Entered:_AMMuxedDeviceDisconnected, mux-device:179
Aug 7, 2022 at 7:51:07 AM AMPDeviceDiscoveryAgent[689]: Entered:___thr_AMMuxedDeviceDisconnected, mux-
device:179

Aug 7, 2022 at 7:55:47 AM AMPDeviceDiscoveryAgent[689]: Entered:_AMMuxedDeviceDisconnected, mux-device:180
Aug 7, 2022 at 7:55:47 AM AMPDeviceDiscoveryAgent[689]: Entered:__thr_AMMuxedDeviceDisconnected, mux-device:180
Aug 7, 2022 at 7:56:12 AM AMPDeviceDiscoveryAgent[689]: Entered:_AMMuxedDeviceDisconnected, mux-device:181
Aug 7, 2022 at 7:56:12 AM AMPDeviceDiscoveryAgent[689]: Entered:__thr_AMMuxedDeviceDisconnected, mux-device:181
Aug 7, 2022 at 7:56:23 AM AMPDeviceDiscoveryAgent[689]: Entered:_AMMuxedDeviceDisconnected, mux-device:182
Aug 7, 2022 at 7:56:23 AM AMPDeviceDiscoveryAgent[689]: Entered:__thr_AMMuxedDeviceDisconnected, mux-device:182
Aug 7, 2022 at 7:59:27 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 8:01:48 AM AMPDeviceDiscoveryAgent[689]: Entered:_AMMuxedDeviceDisconnected, mux-device:183
Aug 7, 2022 at 8:01:48 AM AMPDeviceDiscoveryAgent[689]: Entered:__thr_AMMuxedDeviceDisconnected, mux-device:183
Aug 7, 2022 at 8:09:35 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 8:20:36 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 8:31:06 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 8:41:18 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 8:52:44 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 9:03:34 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 9:15:57 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 9:26:08 AM syslogd[381]: ASL Sender Statistics
Aug 7, 2022 at 9:34:42 AM TechToolProDaemon[389]: daemon:powerOff message received from agent -- save preferences
Aug 7, 2022 at 9:34:42 AM sessionlogoutd[21258]: DEAD_PROCESS: 426 console
Aug 7, 2022 at 9:34:42 AM shutdown[21264]: SHUTDOWN_TIME: 1659890082 558561
Aug 7, 2022 at 9:55:24 AM bootlog[0]: BOOT_TIME 1659891324 802459
Aug 7, 2022 at 9:56:01 AM syslogd[385]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 9:56:01 AM syslogd[385]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 9:56:01 AM syslogd[385]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
Aug 7, 2022 at 9:56:01 AM syslogd[385]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
Aug 7, 2022 at 9:56:01 AM syslogd[385]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 9:56:01 AM syslogd[385]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 9:56:01 AM syslogd[385]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 9:56:01 AM syslogd[385]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 9:56:01 AM syslogd[385]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 9:56:01 AM syslogd[385]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 9:56:01 AM syslogd[385]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module "com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
Aug 7, 2022 at 9:56:01 AM syslogd[385]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 9:56:01 AM syslogd[385]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 9:56:01 AM Installer Progress[382]: Progress UI App Starting
Aug 7, 2022 at 9:56:01 AM syslogd[385]: ASL Sender Statistics
Aug 7, 2022 at 9:56:02 AM Installer Progress[382]: 1 Boot windows acquired
Aug 7, 2022 at 9:56:02 AM Installer Progress[382]: Enable display of the Cinematic Boot windows
Aug 7, 2022 at 9:56:02 AM Installer Progress[382]: _ShowUnmanagedSpace: 35907: Showing Unmanaged Space 2
Aug 7, 2022 at 9:56:02 AM Installer Progress[382]: Hiding the cursor in Progress UI
Aug 7, 2022 at 9:56:02 AM Installer Progress[382]: Configuration is deferred 1
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: Clearing phase info
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: calling progress app remoteObjectProxy
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: Creating connection
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: Connection = 0x600001dc15e0, callers = (
 <IASUPCaller: 0x600002ed0530>
)
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: caller = /System/Library/CoreServices/loginwindow.app/Contents/MacOS/loginwindow
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: Version 2
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: version = 2
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: isModernOS = 1
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: Add phase named "IOKit Boot", progress 2.734375, delayInSeconds 0
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: Clearing phase info
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: Add phase named "loginwindow Boot", progress 97.265625, delayInSeconds -1
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: IASGetCurrentInstallPhaseList: Unable to get phases
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: Connection = 0x600001dc15e0, callers = (
 <IASUPCaller: 0x600002ed0530>,
 <IASUPCaller: 0x600002ec44d0>
)
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: client 0x6000039c60c0: phaseName = "loginwindow Boot", registering connection
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: IASGetCurrentInstallPhase: Unable to get the current phase name
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: Current phase name wasn't saved, using the first phase in the list, current phase = "(null)"
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: currentPhase = "(null)", phases = (null)
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: IASClearInstallProgress: Clearing Registry
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: client 0x6000039c60c0: phaseName = "loginwindow Boot" was created
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: Connection = 0x600001dc15e0, callers = (
 <IASUPCaller: 0x600002ed0530>,
 <IASUPCaller: 0x600002ec44d0>,
 <IASUPCaller: 0x600002ec44e0>
)
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: client 0x6000039c6200: phaseName = "IOKit Boot", registering connection
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: totalPercentage = 0.000000

```
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: currentPhase = "(null)", phases = (
  "<IASPPPhase: 0x6000027ee0a0: 'IOKit Boot', percentage 2.7, delay 0>"
)
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: client 0x6000039c6200: phaseName = "IOKit Boot" was created
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: client 0x6000039c6200: phaseName = "IOKit Boot", show progress UI
called
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: ISAP: Show progress UI called
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: client 0x6000039c6200: phaseName = "IOKit Boot" is done
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: IASSetCurrentInstallPhaseList: phases set to (
  {
    ConclusionDelay = 0;
    InstallPhase = "IOKit Boot";
    InstallPhaseActualPercentageKey = "2.734375";
    InstallPhasePercentageKey = 3;
  }
)
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: ISAP: Done with Phase "IOKit Boot"
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: client 0x6000039c6200: phaseName = "IOKit Boot" is being released
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: IASSetCurrentInstallPhase: Current phase name set to "IOKit Boot"
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: Releasing Connection
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: totalPercentage = 2.734375
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: currentPhase = "<IASPPPhase: 0x6000027ee0a0: 'IOKit Boot',
percentage 2.7, delay 0>", phases = (
  "<IASPPPhase: 0x6000027ee0a0: 'IOKit Boot', percentage 2.7, delay 0>",
  "<IASPPPhase: 0x6000027edfe0: 'loginwindow Boot', percentage 97.3, delay -1>"
)
Aug 7, 2022 at 9:56:03 AM loginwindow[428]: client 0x6000039c60c0: handler = 0x16b72a008
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: IASSetCurrentInstallPhaseList: phases set to (
  {
    ConclusionDelay = 0;
    InstallPhase = "IOKit Boot";
    InstallPhaseActualPercentageKey = "2.734375";
    InstallPhasePercentageKey = 3;
  },
  {
    ConclusionDelay = "-1";
    InstallPhase = "loginwindow Boot";
    InstallPhaseActualPercentageKey = "97.26562";
    InstallPhasePercentageKey = 97;
  }
)
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: Register process 428, phaseName loginwindow Boot, uuid
FBC532C7-4B8C-4876-BE08-838C9829C82F
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: Connected processes {
  "FBC532C7-4B8C-4876-BE08-838C9829C82F" = {
    "Phase Name" = "loginwindow Boot";
    "Process ID" = 428;
    UUID = "FBC532C7-4B8C-4876-BE08-838C9829C82F";
  };
}
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: Saving completion handler for phase loginwindow Boot
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: Connected processes {
  "FBC532C7-4B8C-4876-BE08-838C9829C82F" = {
    CompletionHandlerKey = "<__NSMallocBlock__: 0x6000004d0410>";
    "Phase Name" = "loginwindow Boot";
    "Process ID" = 428;
    UUID = "FBC532C7-4B8C-4876-BE08-838C9829C82F";
  };
}
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: Register process 428, phaseName IOKit Boot, uuid 9B048296-
CC49-41D9-B11C-6B74007242EF
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: Connected processes {
  "9B048296-CC49-41D9-B11C-6B74007242EF" = {
    "Phase Name" = "IOKit Boot";
    "Process ID" = 428;
    UUID = "9B048296-CC49-41D9-B11C-6B74007242EF";
  };
  "FBC532C7-4B8C-4876-BE08-838C9829C82F" = {
    CompletionHandlerKey = "<__NSMallocBlock__: 0x6000004d0410>";
    "Phase Name" = "loginwindow Boot";
    "Process ID" = 428;
    UUID = "FBC532C7-4B8C-4876-BE08-838C9829C82F";
  };
}
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: Saving completion handler for phase IOKit Boot
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: Connected processes {
  "9B048296-CC49-41D9-B11C-6B74007242EF" = {
    CompletionHandlerKey = "<__NSMallocBlock__: 0x6000004ed090>";
    "Phase Name" = "IOKit Boot";
    "Process ID" = 428;
    UUID = "9B048296-CC49-41D9-B11C-6B74007242EF";
  };
  "FBC532C7-4B8C-4876-BE08-838C9829C82F" = {
    CompletionHandlerKey = "<__NSMallocBlock__: 0x6000004d0410>";
    "Phase Name" = "loginwindow Boot";
    "Process ID" = 428;
    UUID = "FBC532C7-4B8C-4876-BE08-838C9829C82F";
  };
}
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: Progress Updated: currentPhase = "IOKit Boot", phase progress =
100.000, total progress = 2.734
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: Progress app is loading,Ä¶
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: Progress app is running,Ä¶
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: IASGetCurrentInstallPhaseList: phases = (
  {
    ConclusionDelay = 0;
    InstallPhase = "IOKit Boot";
    InstallPhaseActualPercentageKey = "2.734375";
    InstallPhasePercentageKey = 3;
  },
  {
    ConclusionDelay = "-1";
    InstallPhase = "loginwindow Boot";
    InstallPhaseActualPercentageKey = "97.265625";
    InstallPhasePercentageKey = 97;
  }
)
Aug 7, 2022 at 9:56:03 AM Installer Progress[382]: IASGetCurrentInstallPhase: Current phase name is "IOKit Boot"
```


Aug 7, 2022 at 9:56:07 AM Installer Progress[382]: Unregister process 428, phaseName loginwindow Boot, uuid FBC532C7-4B8C-4876-BE08-838C9829C82F
Aug 7, 2022 at 9:56:07 AM Installer Progress[382]: Activated application <NSRunningApplication: 0x6000009c5880 (com.apple.mail - 631) LSASN:{hi=0x0;lo=0xc00c}>
Aug 7, 2022 at 9:56:07 AM Installer Progress[382]: Connected processes {
}
Aug 7, 2022 at 9:56:07 AM Installer Progress[382]: Start quit timer, will attempt to quit in 5 second(s) at 9:56:12 AM
Aug 7, 2022 at 9:56:07 AM Installer Progress[382]: Ordering windows out
Aug 7, 2022 at 9:56:07 AM Installer Progress[382]: There is no animation completion handler to call
Aug 7, 2022 at 9:56:12 AM Installer Progress[382]: Quitting because there are no phases. There are no connected processes. The UI is not showing.
Aug 7, 2022 at 9:56:12 AM Installer Progress[382]: Quitting Progress App
Aug 7, 2022 at 9:56:12 AM Installer Progress[382]: Showing the cursor in Progress UI
Aug 7, 2022 at 9:56:12 AM Installer Progress[382]: GUI session is logged in
Aug 7, 2022 at 9:56:12 AM Installer Progress[382]: Order Out CG Shield Window
Aug 7, 2022 at 9:56:12 AM Installer Progress[382]: Setting window alpha values to 0.0
Aug 7, 2022 at 9:56:12 AM Installer Progress[382]: Showing the cursor in Progress UI
Aug 7, 2022 at 9:56:12 AM loginwindow[428]: The connection was interrupted, calling interruption handlers
Aug 7, 2022 at 9:56:30 AM TechToolProAgent[787]: -----
Aug 7, 2022 at 9:56:30 AM TechToolProAgent[787]: ttp agent:: starting
Aug 7, 2022 at 9:56:30 AM TechToolProAgent[787]: -----
Aug 7, 2022 at 9:56:31 AM TechToolProDaemon[393]: daemon::internalBatteryState isBatt: 1 isFail: 0 maxcap: 4362.0 designcap: 5103.0 %capacity: 85.479
Aug 7, 2022 at 9:56:32 AM com.micromat.LifespanHelper[370]: LifespanHelper running
Aug 7, 2022 at 9:57:03 AM loginwindow[428]: There is still an active connection
Aug 7, 2022 at 9:57:07 AM loginwindow[428]: There is still an active connection
Aug 7, 2022 at 10:06:42 AM syslogd[385]: ASL Sender Statistics
Aug 7, 2022 at 10:16:58 AM syslogd[385]: ASL Sender Statistics
Aug 7, 2022 at 10:27:03 AM syslogd[385]: ASL Sender Statistics
Aug 7, 2022 at 10:39:11 AM syslogd[385]: ASL Sender Statistics
Aug 7, 2022 at 10:49:15 AM syslogd[385]: ASL Sender Statistics
Aug 7, 2022 at 11:03:28 AM syslogd[385]: ASL Sender Statistics
Aug 7, 2022 at 11:15:03 AM syslogd[385]: ASL Sender Statistics
Aug 7, 2022 at 11:16:57 AM TechToolProDaemon[393]: daemon::powerOff message received from agent -- save preferences
Aug 7, 2022 at 11:16:57 AM sessionlogoutd[2019]: DEAD_PROCESS: 428 console
Aug 7, 2022 at 11:17:18 AM bootlog[0]: BOOT_TIME 1659896238 573913
Aug 7, 2022 at 11:17:42 AM syslogd[379]: Configuration Notice:
ASL Module "com.apple.cdscheduler" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 11:17:42 AM syslogd[379]: Configuration Notice:
ASL Module "com.apple.install" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 11:17:42 AM syslogd[379]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/asl" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
Aug 7, 2022 at 11:17:42 AM syslogd[379]: Configuration Notice:
ASL Module "com.apple.authd" sharing output destination "/var/log/system.log" with ASL Module "com.apple.asl".
Output parameters from ASL Module "com.apple.asl" override any specified in ASL Module "com.apple.authd".
Aug 7, 2022 at 11:17:42 AM syslogd[379]: Configuration Notice:
ASL Module "com.apple.authd" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 11:17:42 AM syslogd[379]: Configuration Notice:
ASL Module "com.apple.eventmonitor" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 11:17:42 AM syslogd[379]: Configuration Notice:
ASL Module "com.apple.mail" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 11:17:42 AM syslogd[379]: Configuration Notice:
ASL Module "com.apple.performance" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 11:17:42 AM syslogd[379]: Configuration Notice:
ASL Module "com.apple.iokit.power" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 11:17:42 AM syslogd[379]: Configuration Notice:
ASL Module "com.apple.contacts.ContactsAutocomplete" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 11:17:42 AM syslogd[379]: Configuration Notice:
ASL Module "com.apple.mkb" sharing output destination "/private/var/log/keybagd.log" with ASL Module "com.apple.mkb.internal".
Output parameters from ASL Module "com.apple.mkb.internal" override any specified in ASL Module "com.apple.mkb".
Aug 7, 2022 at 11:17:42 AM syslogd[379]: Configuration Notice:
ASL Module "com.apple.mkb" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 11:17:42 AM syslogd[379]: Configuration Notice:
ASL Module "com.apple.MessageTracer" claims selected messages.
Those messages may not appear in standard system log files or in the ASL database.
Aug 7, 2022 at 11:17:42 AM Installer Progress[376]: Progress UI App Starting
Aug 7, 2022 at 11:17:42 AM syslogd[379]: ASL Sender Statistics
Aug 7, 2022 at 11:17:43 AM Installer Progress[376]: 1 Boot windows acquired
Aug 7, 2022 at 11:17:43 AM Installer Progress[376]: Enable display of the Cinematic Boot windows
Aug 7, 2022 at 11:17:43 AM Installer Progress[376]: _ShowUnmanagedSpace: 48c03: Showing Unmanaged Space 2
Aug 7, 2022 at 11:17:43 AM Installer Progress[376]: Hiding the cursor in Progress UI
Aug 7, 2022 at 11:17:43 AM Installer Progress[376]: Configuration is deferred 1
Aug 7, 2022 at 11:17:43 AM Installer Progress[376]: IASGetCurrentInstallPhaseList: Unable to get phases
Aug 7, 2022 at 11:17:43 AM Installer Progress[376]: IASGetCurrentInstallPhase: Unable to get the current phase name
Aug 7, 2022 at 11:17:43 AM Installer Progress[376]: Current phase name wasn't saved, using the first phase in the list, current phase = "(null)"
Aug 7, 2022 at 11:17:43 AM Installer Progress[376]: currentPhase = "(null)", phases = (null)
Aug 7, 2022 at 11:17:43 AM Installer Progress[376]: Progress app is loading,Ä¶
Aug 7, 2022 at 11:17:43 AM Installer Progress[376]: Progress app is running with no progress set
Aug 7, 2022 at 11:17:43 AM Installer Progress[376]: Progress app is running,Ä¶
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: Clearing phase info
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: calling progress app remoteObjectProxy
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: Creating connection
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: Connection = 0x600002a84500, callers = (
"IASUPCaller: 0x600001994d30">
)
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: caller = /System/Library/CoreServices/loginwindow.app/Contents/MacOS/loginwindow
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Version 2
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: version = 2
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: isModernOS = 1
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: Add phase named "IOKit Boot", progress 2.734375, delayInSeconds 0
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Clearing phase info
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: IASClearInstallProgress: Clearing Registry
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: Add phase named "loginwindow Boot", progress 97.265625, delayInSeconds -1

```
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: Connection = 0x600002a84500, callers = (
    "<IASUPCaller: 0x600001994d30>",
    "<IASUPCaller: 0x600001990740>"
)
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: totalPercentage = 0.000000
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: client 0x600000eb5340: phaseName = "loginwindow Boot", registering
connection
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: currentPhase = "(null)", phases = (
    "<IASPPPhase: 0x600000387a80: 'IOKit Boot', percentage 2.7, delay 0>"
)
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: client 0x600000eb5340: phaseName = "loginwindow Boot" was created
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: Connection = 0x600002a84500, callers = (
    "<IASUPCaller: 0x600001994d30>",
    "<IASUPCaller: 0x600001990740>",
    "<IASUPCaller: 0x6000019907c0>"
)
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: IASSetCurrentInstallPhaseList: phases set to (
    {
        ConclusionDelay = 0;
        InstallPhase = "IOKit Boot";
        InstallPhaseActualPercentageKey = "2.734375";
        InstallPhasePercentageKey = 3;
    }
)
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: client 0x600000eb5200: phaseName = "IOKit Boot", registering connection
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: client 0x600000eb5200: phaseName = "IOKit Boot" was created
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: IASSetCurrentInstallPhase: Current phase name set to "IOKit Boot"
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: totalPercentage = 2.734375
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: client 0x600000eb5200: phaseName = "IOKit Boot", show progress UI
called
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: currentPhase = "<IASPPPhase: 0x600000387a80: 'IOKit Boot',
percentage 2.7, delay 0>", phases = (
    "<IASPPPhase: 0x600000387a80: 'IOKit Boot', percentage 2.7, delay 0>",
    "<IASPPPhase: 0x600000387ae0: 'loginwindow Boot', percentage 97.3, delay -1>"
)
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: ISAP: Show progress UI called
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: client 0x600000eb5200: phaseName = "IOKit Boot" is done
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: IASSetCurrentInstallPhaseList: phases set to (
    {
        ConclusionDelay = 0;
        InstallPhase = "IOKit Boot";
        InstallPhaseActualPercentageKey = "2.734375";
        InstallPhasePercentageKey = 3;
    },
    {
        ConclusionDelay = "-1";
        InstallPhase = "loginwindow Boot";
        InstallPhaseActualPercentageKey = "97.26562";
        InstallPhasePercentageKey = 97;
    }
)
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: ISAP: Done with Phase "IOKit Boot"
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Register process 423, phaseName loginwindow Boot, uuid
ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: client 0x600000eb5200: phaseName = "IOKit Boot" is being released
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Connected processes {
    "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2" = {
        "Phase Name" = "loginwindow Boot";
        "Process ID" = 423;
        UUID = "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2";
    };
}
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: Releasing Connection
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Register process 423, phaseName IOKit Boot, uuid 42EBEED6-
C3F7-45FD-ACAD-12E74A0FC97E
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Connected processes {
    "42EBEED6-C3F7-45FD-ACAD-12E74A0FC97E" = {
        "Phase Name" = "IOKit Boot";
        "Process ID" = 423;
        UUID = "42EBEED6-C3F7-45FD-ACAD-12E74A0FC97E";
    };
    "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2" = {
        CompletionHandlerKey = "<__NSMallocBlock__: 0x60000208d1d0>";
        "Phase Name" = "loginwindow Boot";
        "Process ID" = 423;
        UUID = "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2";
    };
}
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: client 0x600000eb5340: handler = 0x16ef3e008
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Register process 423, phaseName IOKit Boot, uuid 42EBEED6-
C3F7-45FD-ACAD-12E74A0FC97E
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Connected processes {
    "42EBEED6-C3F7-45FD-ACAD-12E74A0FC97E" = {
        "Phase Name" = "IOKit Boot";
        "Process ID" = 423;
        UUID = "42EBEED6-C3F7-45FD-ACAD-12E74A0FC97E";
    };
    "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2" = {
        CompletionHandlerKey = "<__NSMallocBlock__: 0x60000208d1d0>";
        "Phase Name" = "loginwindow Boot";
        "Process ID" = 423;
        UUID = "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2";
    };
}
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Saving completion handler for phase IOKit Boot
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Connected processes {
    "42EBEED6-C3F7-45FD-ACAD-12E74A0FC97E" = {
        CompletionHandlerKey = "<__NSMallocBlock__: 0x6000020a08c0>";
        "Phase Name" = "IOKit Boot";
        "Process ID" = 423;
        UUID = "42EBEED6-C3F7-45FD-ACAD-12E74A0FC97E";
    };
    "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2" = {
        CompletionHandlerKey = "<__NSMallocBlock__: 0x60000208d1d0>";
        "Phase Name" = "loginwindow Boot";
        "Process ID" = 423;
        UUID = "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2";
    };
}
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Progress Updated: currentPhase = "IOKit Boot", phase progress =
100.000, total progress = 2.734
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: IASGetCurrentInstallPhaseList: phases = (
    {
        ConclusionDelay = 0;
```



```
InstallPhase = "IOKit Boot";
InstallPhaseActualPercentageKey = "2.734375";
InstallPhasePercentageKey = 3;
},
{
    ConclusionDelay = "-1";
    InstallPhase = "loginwindow Boot";
    InstallPhaseActualPercentageKey = "97.265625";
    InstallPhasePercentageKey = 97;
}
)
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: IASGetCurrentInstallPhase: Current phase name is "IOKit Boot"
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Advance to phase named = "IOKit Boot"
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: currentPhase = "<IASPPHase: 0x600000387740: 'IOKit Boot',
percentage 2.7, delay 0>", phases = (
    "<IASPPHase: 0x600000387740: 'IOKit Boot', percentage 2.7, delay 0>",
    "<IASPPHase: 0x600000387be0: 'loginwindow Boot', percentage 97.3, delay -1>"
)
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Showing Progress UI
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: HotKeys disabled
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Progress app set to foreground app
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: _LSSetMetaApplicationInformationItem add to frontmost list success
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Showing the windows
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: There are 0 window(s) and 1 display(s), 1 window(s) will be added
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Created a window at {{0, 0}, {1280, 800}}
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Adding Apple Logo
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Apple logo view created
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Status is ""
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Alternate status is ""
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: IASPIsUsingFileVault YES
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: IASGetBootMode InMacOSFromFVUnlock
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: BootWindowList and FileVault, using background
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: The sampled color is not equal to the first color, this isn't an Apple
logo boot image
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: isAppleLogoBootImage = NO
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: isSolidColor = NO
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Setting window alpha values to 1.0
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Ordering windows front
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Created CG Shield Window
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Enable the display of progress windows
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Using AppKit display change notification
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Done with phase = "IOKit Boot"
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Progress Updated: currentPhase = "IOKit Boot", phase progress =
100.000, total progress = 2.734
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: IASSetCurrentInstallPhase: Current phase name set to "loginwindow
Boot"
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Saving completion handler for phase IOKit Boot
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Connected processes {
    "42EBEED6-C3F7-45FD-ACAD-12E74A0FC97E" = {
        CompletionHandlerKey = "<__NSMallocBlock__: 0x6000020885f0>";
        "Phase Name" = "IOKit Boot";
        "Process ID" = 423;
        UUID = "42EBEED6-C3F7-45FD-ACAD-12E74A0FC97E";
    };
    "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2" = {
        CompletionHandlerKey = "<__NSMallocBlock__: 0x60000208d1d0>";
        "Phase Name" = "loginwindow Boot";
        "Process ID" = 423;
        UUID = "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2";
    };
};
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Unregister process 423, phaseName IOKit Boot, uuid 42EBEED6-
C3F7-45FD-ACAD-12E74A0FC97E
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Connected processes {
    "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2" = {
        CompletionHandlerKey = "<__NSMallocBlock__: 0x60000208d1d0>";
        "Phase Name" = "loginwindow Boot";
        "Process ID" = 423;
        UUID = "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2";
    };
};
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Progress Updated: currentPhase = "loginwindow Boot", phase
progress = 10.000, total progress = 12.461
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Progress Updated: currentPhase = "loginwindow Boot", phase
progress = 30.000, total progress = 31.914
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Releasing the boot windows
Aug 7, 2022 at 11:17:44 AM Installer Progress[376]: Progress Updated: currentPhase = "loginwindow Boot", phase
progress = 55.000, total progress = 56.230
Aug 7, 2022 at 11:17:44 AM loginwindow[423]: USER_PROCESS: 423 console
Aug 7, 2022 at 11:17:45 AM Installer Progress[376]: Progress Updated: currentPhase = "loginwindow Boot", phase
progress = 80.000, total progress = 80.547
Aug 7, 2022 at 11:17:45 AM Installer Progress[376]: Moving window from {{0, 0}, {1280, 800}} to {{0, 0}, {1920, 1080}}
Aug 7, 2022 at 11:17:45 AM Installer Progress[376]: Setting window alpha values to 1.0
Aug 7, 2022 at 11:17:45 AM Installer Progress[376]: Setting window alpha values to 1.0
Aug 7, 2022 at 11:17:46 AM loginwindow[423]: client 0x600000eb5340: phaseName = "loginwindow Boot" is done
Aug 7, 2022 at 11:17:46 AM loginwindow[423]: ISAP: Done with Phase "loginwindow Boot"
Aug 7, 2022 at 11:17:46 AM Installer Progress[376]: Progress Updated: currentPhase = "loginwindow Boot", phase
progress = 100.000, total progress = 100.000
Aug 7, 2022 at 11:17:46 AM Installer Progress[376]: Done with phase = "loginwindow Boot"
Aug 7, 2022 at 11:17:46 AM Installer Progress[376]: Progress Updated: currentPhase = "loginwindow Boot", phase
progress = 100.000, total progress = 100.000
Aug 7, 2022 at 11:17:46 AM Installer Progress[376]: IASClearInstallProgress: Clearing Registry
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Setting window alpha values to 1.0
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Calling animation completion handler
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Progress complete, notifying registered clients
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Calling completion handler for phase "loginwindow Boot"
Aug 7, 2022 at 11:17:47 AM loginwindow[423]: Calling completion handler for 0x600000eb5340
Aug 7, 2022 at 11:17:47 AM loginwindow[423]: client 0x600000eb5340: phaseName = "loginwindow Boot", hide progress
UI called
Aug 7, 2022 at 11:17:47 AM loginwindow[423]: ISAP: hide progress UI called
Aug 7, 2022 at 11:17:47 AM loginwindow[423]: client 0x600000eb5340: phaseName = "loginwindow Boot" is being
released
Aug 7, 2022 at 11:17:47 AM loginwindow[423]: Releasing Connection
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Hiding Progress UI
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Showing the cursor in Progress UI
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: GUI session is logged in
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Order Out CG Shield Window
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Setting window alpha values to 0.0
```

```
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Progress app removed from the frontmost only list
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Progress app set to Background only app
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: HotKeys enabled
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Start quit timer, will attempt to quit in 5 second(s) at 11:17:52 AM
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Will attempt to bring the Finder forward
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Saving completion handler for phase loginwindow Boot
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Connected processes {
  "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2" = {
    CompletionHandlerKey = "<__NSMallocBlock__: 0x600002086bc0>";
    "Phase Name" = "loginwindow Boot";
    "Process ID" = 423;
    UUID = "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2";
  };
}
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Unregister process 423, phaseName loginwindow Boot, uuid
ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Connected processes {
}
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Activated application <NSRunningApplication: 0x600002d8e280
(com.apple.finder - 651) LSASN:{hi=0x0;lo=0x19019}>
Aug 7, 2022 at 11:17:47 AM Installer Progress[376]: Start quit timer, will attempt to quit in 5 second(s) at 11:17:52 AM
Aug 7, 2022 at 11:17:48 AM Installer Progress[376]: Ordering windows out
Aug 7, 2022 at 11:17:48 AM Installer Progress[376]: There is no animation completion handler to call
Aug 7, 2022 at 11:17:52 AM Installer Progress[376]: Quitting because there are no phases. There are no connected
processes. The UI is not showing.
Aug 7, 2022 at 11:17:52 AM Installer Progress[376]: Quitting Progress App
Aug 7, 2022 at 11:17:52 AM Installer Progress[376]: Showing the cursor in Progress UI
Aug 7, 2022 at 11:17:52 AM Installer Progress[376]: GUI session is logged in
Aug 7, 2022 at 11:17:52 AM Installer Progress[376]: Order Out CG Shield Window
Aug 7, 2022 at 11:17:52 AM Installer Progress[376]: Setting window alpha values to 0.0
Aug 7, 2022 at 11:17:52 AM Installer Progress[376]: Showing the cursor in Progress UI
Aug 7, 2022 at 11:17:52 AM loginwindow[423]: The connection was interrupted, calling interruption handlers
Aug 7, 2022 at 11:18:04 AM TechToolProDaemon[387]: daemon::internalBatteryState isBatt: 1 isFail: 0 maxcap: 4363.0
designcap: 5103.0 %capacity: 85.499
Aug 7, 2022 at 11:18:05 AM TechToolProAgent[896]: -----
Aug 7, 2022 at 11:18:05 AM TechToolProAgent[896]: ttp agent:: starting
Aug 7, 2022 at 11:18:05 AM TechToolProAgent[896]: -----
Aug 7, 2022 at 11:18:06 AM com.micromat.LifespanHelper[364]: LifespanHelper running
Aug 7, 2022 at 11:18:44 AM loginwindow[423]: There is still an active connection
Aug 7, 2022 at 11:18:47 AM loginwindow[423]: There is still an active connection
Aug 7, 2022 at 11:28:07 AM syslogd[379]: ASL Sender Statistics
Aug 7, 2022 at 11:40:14 AM syslogd[379]: ASL Sender Statistics
Aug 7, 2022 at 11:51:17 AM syslogd[379]: ASL Sender Statistics
```

Printer access log:

Source: [/var/log/cups/access_log](#)
Size: 8 KB (7,560 bytes)
Last Modified: 8/7/22, 11:16 AM
Recent Contents: ...

```
localhost - - [05/Aug/2022:09:14:53 -0700] "POST /admin/ HTTP/1.1" 401 173 CUPS-Delete-Printer successful-ok
localhost - jensenmark [05/Aug/2022:09:14:53 -0700] "POST /admin/ HTTP/1.1" 200 173 CUPS-Delete-Printer successful-
ok
localhost - - [05/Aug/2022:09:15:50 -0700] "POST / HTTP/1.1" 401 221 CUPS-Get-Devices successful-ok
localhost - - [05/Aug/2022:09:15:53 -0700] "POST / HTTP/1.1" 200 151465 CUPS-Get-PPDs -
localhost - - [05/Aug/2022:09:15:53 -0700] "POST / HTTP/1.1" 200 151465 CUPS-Get-PPDs -
localhost - - [05/Aug/2022:09:15:57 -0700] "POST / HTTP/1.1" 200 151465 CUPS-Get-PPDs -
localhost - - [05/Aug/2022:09:15:57 -0700] "POST / HTTP/1.1" 200 151465 CUPS-Get-PPDs -
localhost - - [05/Aug/2022:09:16:17 -0700] "POST /admin/ HTTP/1.1" 401 24774 CUPS-Add-Modify-Printer successful-ok
localhost - jensenmark [05/Aug/2022:09:16:17 -0700] "POST /admin/ HTTP/1.1" 200 24774 CUPS-Add-Modify-Printer
successful-ok
localhost - jensenmark [05/Aug/2022:09:15:50 -0700] "POST / HTTP/1.1" 200 458 CUPS-Get-Devices -
localhost - - [05/Aug/2022:09:16:43 -0700] "POST /printers/Printer_ThermalPrinter HTTP/1.1" 200 1534 Create-Job
successful-ok
localhost - - [05/Aug/2022:09:16:43 -0700] "POST /printers/Printer_ThermalPrinter HTTP/1.1" 200 20508 Send-Document
successful-ok
localhost - - [05/Aug/2022:09:16:43 -0700] "POST / HTTP/1.1" 200 353 Set-Job-Attributes successful-ok
localhost - - [05/Aug/2022:11:23:46 -0700] "POST /admin HTTP/1.1" 401 208 CUPS-Add-Modify-Printer successful-ok
localhost - root [05/Aug/2022:11:23:47 -0700] "POST /admin HTTP/1.1" 200 208 CUPS-Add-Modify-Printer successful-ok
localhost - - [05/Aug/2022:11:23:48 -0700] "POST /admin HTTP/1.1" 401 198 CUPS-Add-Modify-Printer successful-ok
localhost - root [05/Aug/2022:11:23:48 -0700] "POST /admin HTTP/1.1" 200 198 CUPS-Add-Modify-Printer successful-ok
localhost - - [05/Aug/2022:11:56:55 -0700] "POST /printers/Printer_ThermalPrinter HTTP/1.1" 200 1584 Create-Job
successful-ok
localhost - - [05/Aug/2022:11:56:55 -0700] "POST /printers/Printer_ThermalPrinter HTTP/1.1" 200 20412 Send-Document
successful-ok
localhost - - [05/Aug/2022:11:56:55 -0700] "POST / HTTP/1.1" 200 353 Set-Job-Attributes successful-ok
localhost - - [05/Aug/2022:11:57:14 -0700] "POST /printers/Printer_ThermalPrinter HTTP/1.1" 200 1580 Create-Job
successful-ok
localhost - - [05/Aug/2022:11:57:14 -0700] "POST /printers/Printer_ThermalPrinter HTTP/1.1" 200 28804 Send-Document
successful-ok
localhost - - [05/Aug/2022:11:57:14 -0700] "POST / HTTP/1.1" 200 353 Set-Job-Attributes successful-ok
localhost - - [05/Aug/2022:15:14:40 -0700] "POST /admin HTTP/1.1" 401 208 CUPS-Add-Modify-Printer successful-ok
localhost - root [05/Aug/2022:15:14:40 -0700] "POST /admin HTTP/1.1" 200 208 CUPS-Add-Modify-Printer successful-ok
localhost - - [05/Aug/2022:18:09:28 -0700] "POST /printers/Printer_ThermalPrinter HTTP/1.1" 200 1584 Create-Job
successful-ok
localhost - - [05/Aug/2022:18:09:28 -0700] "POST /printers/Printer_ThermalPrinter HTTP/1.1" 200 20630 Send-Document
successful-ok
localhost - - [05/Aug/2022:18:09:28 -0700] "POST / HTTP/1.1" 200 353 Set-Job-Attributes successful-ok
localhost - - [05/Aug/2022:18:09:39 -0700] "POST /admin HTTP/1.1" 401 214 CUPS-Add-Modify-Printer successful-ok
localhost - root [05/Aug/2022:18:09:39 -0700] "POST /admin HTTP/1.1" 200 214 CUPS-Add-Modify-Printer successful-ok
localhost - - [05/Aug/2022:18:10:18 -0700] "POST /printers/Printer_ThermalPrinter HTTP/1.1" 200 1580 Create-Job
successful-ok
localhost - - [05/Aug/2022:18:10:18 -0700] "POST /printers/Printer_ThermalPrinter HTTP/1.1" 200 30151 Send-Document
successful-ok
localhost - - [05/Aug/2022:18:10:18 -0700] "POST / HTTP/1.1" 200 353 Set-Job-Attributes successful-ok
localhost - - [05/Aug/2022:21:38:35 -0700] "POST /printers/Printer_ThermalPrinter HTTP/1.1" 200 1584 Create-Job
successful-ok
localhost - - [05/Aug/2022:21:38:35 -0700] "POST /printers/Printer_ThermalPrinter HTTP/1.1" 200 20587 Send-Document
successful-ok
localhost - - [05/Aug/2022:21:38:35 -0700] "POST / HTTP/1.1" 200 353 Set-Job-Attributes successful-ok
localhost - - [05/Aug/2022:21:40:37 -0700] "POST /printers/Printer_ThermalPrinter HTTP/1.1" 200 1580 Create-Job
successful-ok
localhost - - [05/Aug/2022:21:40:37 -0700] "POST /printers/Printer_ThermalPrinter HTTP/1.1" 200 29480 Send-Document
successful-ok
localhost - - [05/Aug/2022:21:40:37 -0700] "POST / HTTP/1.1" 200 353 Set-Job-Attributes successful-ok
localhost - - [07/Aug/2022:11:15:53 -0700] "POST /admin HTTP/1.1" 401 208 CUPS-Add-Modify-Printer successful-ok
localhost - root [07/Aug/2022:11:15:53 -0700] "POST /admin HTTP/1.1" 200 208 CUPS-Add-Modify-Printer successful-ok
localhost - - [07/Aug/2022:11:15:55 -0700] "POST /admin HTTP/1.1" 401 198 CUPS-Add-Modify-Printer successful-ok
```

localhost - root [07/Aug/2022:11:15:55 -0700] "POST /admin HTTP/1.1" 200 198 CUPS-Add-Modify-Printer successful-ok
localhost - root [07/Aug/2022:11:16:00 -0700] "POST /admin HTTP/1.1" 200 208 CUPS-Add-Modify-Printer successful-ok
localhost - root [07/Aug/2022:11:16:03 -0700] "POST /admin HTTP/1.1" 200 198 CUPS-Add-Modify-Printer successful-ok

Printer error log:

Source: [/var/log/cups/error_log](#)
Size: 1 KB (1,360 bytes)
Last Modified: 8/5/22, 9:11 AM
Recent Contents: E [04/Aug/2022:14:56:47 -0700] [Client 16] Returning IPP server-error-not-accepting-jobs for Create-Job (ipp://localhost/printers/Printer_ThermalPrinter) from localhost.
E [04/Aug/2022:14:56:55 -0700] [Client 24] Returning IPP server-error-not-accepting-jobs for Create-Job (ipp://localhost/printers/Printer_ThermalPrinter) from localhost.
E [04/Aug/2022:14:58:02 -0700] [Client 35] Returning IPP server-error-not-accepting-jobs for Create-Job (ipp://localhost/printers/Printer_ThermalPrinter) from localhost.
E [04/Aug/2022:14:59:55 -0700] [Client 65] Returning IPP server-error-not-accepting-jobs for Create-Job (ipp://localhost/printers/Printer_ThermalPrinter) from localhost.
E [05/Aug/2022:09:00:22 -0700] [Client 17] Returning IPP server-error-not-accepting-jobs for Create-Job (ipp://localhost/printers/Printer_ThermalPrinter) from localhost.
E [05/Aug/2022:09:00:46 -0700] [Client 19] Returning IPP server-error-not-accepting-jobs for Create-Job (ipp://localhost/printers/Printer_ThermalPrinter) from localhost.
E [05/Aug/2022:09:10:57 -0700] [Client 32] Returning IPP server-error-not-accepting-jobs for Create-Job (ipp://localhost/printers/Printer_ThermalPrinter) from localhost.
E [05/Aug/2022:09:11:40 -0700] [Client 44] Returning IPP server-error-not-accepting-jobs for Create-Job (ipp://localhost/printers/Printer_ThermalPrinter) from localhost.

Installer log:

Source: [/var/log/install.log](#)
Size: 50.5 MB (50,450,102 bytes)
Last Modified: 8/7/22, 11:41 AM
Recent Contents: ...
2022-08-07 09:34:42-07 MacBook-M1 softwareupdated[20541]: SUOSUServiceDaemon: Removing client: (null) (pid = 20984, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x12476eba0>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x1246516c0>)
2022-08-07 09:34:42-07 MacBook-M1 softwareupdated[20541]: SUOSUServiceDaemon: Removing client: (null) (pid = 20984, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x12503e8a0>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x1246516c0>)
2022-08-07 09:34:42-07 MacBook-M1 softwareupdated[20541]: SUOSUServiceDaemon: Removing client: (null) (pid = 20984, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x125180c80>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x1250772e0>)
2022-08-07 09:34:42-07 MacBook-M1 softwareupdated[20541]: SUOSUServiceDaemon: Removing client: (null) (pid = 20984, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x1270dcdc0>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x1250772e0>)
2022-08-07 09:34:42-07 MacBook-M1 softwareupdated[20541]: SUOSUServiceDaemon: Removing client: (null) (pid = 20984, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x1257f92f0>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x1250772e0>)
2022-08-07 09:34:42-07 MacBook-M1 softwareupdated[20541]: SUOSUServiceDaemon: Removing client: (null) (pid = 20984, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x1246e8990>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x1250772e0>)
2022-08-07 09:56:01-07 MacBook-M1 Installer Progress[382]: Progress UI App Starting
2022-08-07 09:56:02-07 MacBook-M1 softwareupdated[550]: softwareupdated: Starting with build 12.5 (21G72)
2022-08-07 09:56:03-07 MacBook-M1 softwareupdated[550]: Initializing SoftwareUpdateMacController (SUMacControllerServer)
2022-08-07 09:56:03-07 MacBook-M1 bootinstalld[561]: BootTimeInstall: Configuring sandbox...
2022-08-07 09:56:03-07 MacBook-M1 bootinstalld[561]: BootTimeInstall: Sandbox successfully configured
2022-08-07 09:56:03-07 MacBook-M1 bootinstalld[561]: Adding bootinstalld client (loginwindow (pid = 428, uid = 0, path = /System/Library/CoreServices/loginwindow.app/Contents/MacOS/loginwindow, connection remote object interface = <NSXPCInterface: 0x149a09b60>, exported interface = <NSXPCInterface: 0x149a05020>, remote object proxy = <__NSXPCInterfaceProxy_IASBootTimeInstallClientProtocol: 0x149a0a330>)), total: 1
2022-08-07 09:56:03-07 MacBook-M1 bootinstalld[561]: BootTimeInstall: Client loginwindow[428]: Connected.
2022-08-07 09:56:03-07 MacBook-M1 loginwindow[428]: isModernOS = 1
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: IASGetCurrentInstallPhaseList: Unable to get phases
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: IASGetCurrentInstallPhaseList: Unable to get the current phase name
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: currentPhase = "(null)", phases = (null)
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: IASClearInstallProgress: Clearing Registry
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: currentPhase = "(null)", phases = (

" <IASPPHase: 0x6000027ee0a0: 'IOKit Boot', percentage 2.7, delay 0>"

)
2022-08-07 09:56:03-07 MacBook-M1 loginwindow[428]: ISAP: Show progress UI called
2022-08-07 09:56:03-07 MacBook-M1 loginwindow[428]: ISAP: Done with Phase "IOKit Boot"
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: IASSetCurrentInstallPhaseList: phases set to (

{

ConclusionDelay = 0;

InstallPhase = "IOKit Boot";

InstallPhaseActualPercentageKey = "2.734375";

InstallPhasePercentageKey = 3;

}

)
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: IASSetCurrentInstallPhase: Current phase name set to "IOKit Boot"
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: currentPhase = "<IASPPHase: 0x6000027ee0a0: 'IOKit Boot', percentage 2.7, delay 0>", phases = (

)

```
"<IASPPPhase: 0x6000027ee0a0: 'IOKit Boot', percentage 2.7, delay 0>",
"<IASPPPhase: 0x6000027edfe0: 'loginwindow Boot', percentage 97.3, delay -1>"
)
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: IASSetCurrentInstallPhaseList: phases set to (
{
ConclusionDelay = 0;
InstallPhase = "IOKit Boot";
InstallPhaseActualPercentageKey = "2.734375";
InstallPhasePercentageKey = 3;
},
{
ConclusionDelay = "-1";
InstallPhase = "loginwindow Boot";
InstallPhaseActualPercentageKey = "97.26562";
InstallPhasePercentageKey = 97;
}
)
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Connected processes {
"FBC532C7-4B8C-4876-BE08-838C9829C82F" = {
"Phase Name" = "loginwindow Boot";
"Process ID" = 428;
UUID = "FBC532C7-4B8C-4876-BE08-838C9829C82F";
};
}
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Connected processes {
"FBC532C7-4B8C-4876-BE08-838C9829C82F" = {
CompletionHandlerKey = "<__NSMallocBlock__: 0x6000004d0410>";
"Phase Name" = "loginwindow Boot";
"Process ID" = 428;
UUID = "FBC532C7-4B8C-4876-BE08-838C9829C82F";
};
}
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Connected processes {
"9B048296-CC49-41D9-B11C-6B74007242EF" = {
"Phase Name" = "IOKit Boot";
"Process ID" = 428;
UUID = "9B048296-CC49-41D9-B11C-6B74007242EF";
};
}
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Connected processes {
"FBC532C7-4B8C-4876-BE08-838C9829C82F" = {
CompletionHandlerKey = "<__NSMallocBlock__: 0x6000004d0410>";
"Phase Name" = "loginwindow Boot";
"Process ID" = 428;
UUID = "FBC532C7-4B8C-4876-BE08-838C9829C82F";
};
}
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Connected processes {
"9B048296-CC49-41D9-B11C-6B74007242EF" = {
CompletionHandlerKey = "<__NSMallocBlock__: 0x6000004ed090>";
"Phase Name" = "IOKit Boot";
"Process ID" = 428;
UUID = "9B048296-CC49-41D9-B11C-6B74007242EF";
};
}
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Connected processes {
"FBC532C7-4B8C-4876-BE08-838C9829C82F" = {
CompletionHandlerKey = "<__NSMallocBlock__: 0x6000004d0410>";
"Phase Name" = "loginwindow Boot";
"Process ID" = 428;
UUID = "FBC532C7-4B8C-4876-BE08-838C9829C82F";
};
}
```

```
};
}
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Progress app is loading...
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Progress app is running...
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: IASGetCurrentInstallPhaseList: phases = (
{
ConclusionDelay = 0;
InstallPhase = "IOKit Boot";
InstallPhaseActualPercentageKey = "2.734375";
InstallPhasePercentageKey = 3;
},
{
ConclusionDelay = "-1";
InstallPhase = "loginwindow Boot";
InstallPhaseActualPercentageKey = "97.265625";
InstallPhasePercentageKey = 97;
}
)
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: IASGetCurrentInstallPhase: Current phase name is "IOKit
Boot"
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: currentPhase = "<IASPPHase: 0x6000027e09c0: 'IOKit
Boot', percentage 2.7, delay 0>", phases = (
"<IASPPHase: 0x6000027e09c0: 'IOKit Boot', percentage 2.7, delay 0>",
"<IASPPHase: 0x6000027e0aa0: 'loginwindow Boot', percentage 97.3, delay -1>"
)
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Showing Progress UI
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: There are 0 window(s) and 1 display(s), 1 window(s) will be
added
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Created a window at {{0, 0}, {1280, 800}}
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Status is ""
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Alternate status is ""
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: BootWindowList and FileVault, using background
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Setting window alpha values to 1.0
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Ordering windows front
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Done with phase = "IOKit Boot"
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: IASSetCurrentInstallPhase: Current phase name set to
"loginwindow Boot"
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Connected processes {
"9B048296-CC49-41D9-B11C-6B74007242EF" = {
CompletionHandlerKey = "<__NSMallocBlock__: 0x6000004c51d0>";
"Phase Name" = "IOKit Boot";
"Process ID" = 428;
UUID = "9B048296-CC49-41D9-B11C-6B74007242EF";
};
"FBC532C7-4B8C-4876-BE08-838C9829C82F" = {
CompletionHandlerKey = "<__NSMallocBlock__: 0x6000004d0410>";
"Phase Name" = "loginwindow Boot";
"Process ID" = 428;
UUID = "FBC532C7-4B8C-4876-BE08-838C9829C82F";
};
}
2022-08-07 09:56:03-07 MacBook-M1 Installer Progress[382]: Connected processes {
"FBC532C7-4B8C-4876-BE08-838C9829C82F" = {
CompletionHandlerKey = "<__NSMallocBlock__: 0x6000004d0410>";
"Phase Name" = "loginwindow Boot";
"Process ID" = 428;
UUID = "FBC532C7-4B8C-4876-BE08-838C9829C82F";
};
}
2022-08-07 09:56:03-07 MacBook-M1 softwareupdated[550]: Initialized SoftwareUpdateMacController
(SUMacControllerServer)
2022-08-07 09:56:03-07 MacBook-M1 softwareupdated[550]: SUOSUAlarmObserver: Setting alarm event stream handler
2022-08-07 09:56:03-07 MacBook-M1 softwareupdated[550]: SUOSUCustomTimeObserver: Setting alarm event stream
handler
2022-08-07 09:56:03-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Use standard 6 hour auto update
interval
2022-08-07 09:56:03-07 MacBook-M1 softwareupdated[550]: authorizeWithEmptyAuthorizationForRights: Requesting
provided rights: 1
2022-08-07 09:56:03-07 MacBook-M1 softwareupdated[550]: /Library/Bundles does not exist - watching for directory
creation
```

2022-08-07 09:56:03-07 MacBook-M1 softwareupdated[550]: Previous System Version : 12.5 (21G72), Current System Version : 12.5 (21G72)
2022-08-07 09:56:03-07 MacBook-M1 softwareupdated[550]: Adding client SUUpdateServiceClient pid=544, uid=0, installAuth=NO rights=(), transactions=0 (/usr/libexec/mobileassetd)
2022-08-07 09:56:04-07 MacBook-M1 Installer Progress[382]: Moving window from {{0, 0}, {1280, 800}} to {{0, 0}, {1920, 1080}}
2022-08-07 09:56:04-07 MacBook-M1 Installer Progress[382]: Setting window alpha values to 1.0
2022-08-07 09:56:04-07 MacBook-M1 Installer Progress[382]: Setting window alpha values to 1.0
2022-08-07 09:56:06-07 MacBook-M1 loginwindow[428]: ISAP: Done with Phase "loginwindow Boot"
2022-08-07 09:56:06-07 MacBook-M1 Installer Progress[382]: Done with phase = "loginwindow Boot"
2022-08-07 09:56:06-07 MacBook-M1 Installer Progress[382]: IASClearInstallProgress: Clearing Registry
2022-08-07 09:56:07-07 MacBook-M1 loginwindow[428]: ISAP: hide progress UI called
2022-08-07 09:56:07-07 MacBook-M1 Installer Progress[382]: Hiding Progress UI
2022-08-07 09:56:07-07 MacBook-M1 Installer Progress[382]: Setting window alpha values to 0.0
2022-08-07 09:56:07-07 MacBook-M1 Installer Progress[382]: Connected processes {

"FBC532C7-4B8C-4876-BE08-838C9829C82F" = {

CompletionHandlerKey = "<__NSMallocBlock__: 0x6000004d4280>";

"Phase Name" = "loginwindow Boot";

"Process ID" = 428;

UUID = "FBC532C7-4B8C-4876-BE08-838C9829C82F";

};

}
2022-08-07 09:56:07-07 MacBook-M1 Installer Progress[382]: Connected processes {

}
2022-08-07 09:56:07-07 MacBook-M1 Installer Progress[382]: Ordering windows out
2022-08-07 09:56:12-07 MacBook-M1 Installer Progress[382]: Quitting because there are no phases. There are no connected processes. The UI is not showing.
2022-08-07 09:56:12-07 MacBook-M1 Installer Progress[382]: Quitting Progress App
2022-08-07 09:56:12-07 MacBook-M1 Installer Progress[382]: Setting window alpha values to 0.0
2022-08-07 09:56:25-07 MacBook-M1 softwareupdated[550]: BackgroundActivity: Activity check-in with Interval 0
2022-08-07 09:56:26-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: AssertionMgr: Take com.apple.softwareupdate.NotifyAgentAssertion-LoginDone assertion with type BackgroundTask for pid 895, id 0x815E
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: Adding client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: SUOSNotificationBundleHandler: Should notify? NO (Notification pending=0, bundle exists=0, mdmInitiatedNotificationBundleInstall=0)
2022-08-07 09:56:26-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: AssertionMgr: Cancel com.apple.softwareupdate.NotifyAgentAssertion-LoginDone assertion for pid 895, id 0x815E
2022-08-07 09:56:26-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: (null): softwareupdated: Service connection invalidated!
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: Removing client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: Adding client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 09:56:26-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: Controller: Time interval since last scan - 1523.685874
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: Adding client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 09:56:26-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: Controller: currentPallasAudience - (null), shouldScan - 1, productKeysInActiveForegroundTransactions - 0, client = 2, shouldScanForClient: 1, foregroundScan: 0
2022-08-07 09:56:26-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: SUOSUShimController: Start legacy scan
2022-08-07 09:56:26-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: SUOSUShimController: Start MSU scan
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: SUScan: Scan for client pid 550 (/System/Library/CoreServices/Software Update.app/Contents/Resources/softwareupdated)
2022-08-07 09:56:26-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: Query for available updates: FINISHED
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Adding client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x144f47a0>, exported interface = <NSXPCInterface: 0x144f2dc90>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x144f4ec60>)
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: SUOSUMobileSoftwareUpdateController: Set bridgeOS catalog override to catalogURL default
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: MSU updates found: (null)
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: SUOSUMobileSoftwareUpdateController: Set bridgeOS catalog override to catalogURL default
2022-08-07 09:56:26-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: AssertionMgr: Take com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion with type BackgroundTask for pid 895, id 0x8186
2022-08-07 09:56:26-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: SUOSUShimController: Available MSU updates: (

)
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: Adding client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Adding client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x144f620a0>, exported interface = <NSXPCInterface: 0x144f52b20>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x144f632c0>)
2022-08-07 09:56:26-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: AssertionMgr: Cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion for pid 895, id 0x8186
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: Adding client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Adding client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x144f680c0>, exported interface = <NSXPCInterface: 0x144f65c70>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x144f69230>)
2022-08-07 09:56:26-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: AssertionMgr: Could not cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion - no assertion found for pid 895
2022-08-07 09:56:26-07 MacBook-M1 softwareupdated[550]: Got status 200
2022-08-07 09:56:27-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: AssertionMgr: Take

2022-08-07 09:56:34-07 MacBook-M1 softwareupdated[550]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2022-08-07 09:56:34-07 MacBook-M1 softwareupdated[550]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2022-08-07 09:56:34-07 MacBook-M1 softwareupdated[550]: Failed to get bridge device
2022-08-07 09:56:34-07 MacBook-M1 softwareupdated[550]: Failed to get bridge device
2022-08-07 09:56:34-07 MacBook-M1 softwareupdated[550]: bridgeOS: Minimum bridge version requirement satisfied ((null)), skipping search for bridgeOS update
2022-08-07 09:56:34-07 MacBook-M1 softwareupdated[550]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D/@script
2022-08-07 09:56:34-07 MacBook-M1 softwareupdated[550]: SUScan: Elapsed scan time = 8.3
2022-08-07 09:56:34-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: AssertionMgr: Take com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion with type BackgroundTask for pid 895, id 0x81F3
2022-08-07 09:56:34-07 MacBook-M1 softwareupdated[550]: Refreshing available updates from scan
2022-08-07 09:56:34-07 MacBook-M1 softwareupdated[550]: SUStatisticsManager: Successfully reported statistics for category 5
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: Scan (f=1, d=0) completed
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: 0 updates found:
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: MSU updates found: (

)
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: Adding client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 09:56:35-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: External updates: (

)
2022-08-07 09:56:35-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: Controller: Received availableUpdatesChanged notification; new updates: []; new major updates: [012-42714, 012-06873, 002-79225, 012-40387, 012-22320, 012-08272, 002-77154, 002-65695, 002-57023, 002-42341, 002-23589, 071-78704]
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: MSU updates found: (

)
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: MSU updates found: (

)
2022-08-07 09:56:35-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: SUOSUShimController: Armed: 0, with mode: 0, date: (null), updates queued for later: (

)
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: SUOSUMobileSoftwareUpdateController: Set bridgeOS catalog override to catalogURL default
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Adding client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x146619d50>, exported interface = <NSXPCInterface: 0x144fdbca0>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x144f7d1d0>)
2022-08-07 09:56:35-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: AssertionMgr: Cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion for pid 895, id 0x81F3
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: Adding client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Adding client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x144fc4b40>, exported interface = <NSXPCInterface: 0x1466926f0>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x144fb83f0>)
2022-08-07 09:56:35-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: AssertionMgr: Could not cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion - no assertion found for pid 895
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: Adding client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Adding client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x1460dd7f0>, exported interface = <NSXPCInterface: 0x14608fe70>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x147805a60>)
2022-08-07 09:56:35-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: AssertionMgr: Could not cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion - no assertion found for pid 895
2022-08-07 09:56:35-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: AssertionMgr: Take com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion with type BackgroundTask for pid 895, id 0x81F6
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: MSU updates found: (

)
2022-08-07 09:56:35-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: External updates: (

)
2022-08-07 09:56:35-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: Controller: Received availableUpdatesChanged notification; new updates: []; new major updates: [012-42714, 012-06873, 002-79225, 012-40387, 012-22320, 012-08272, 002-77154, 002-65695, 002-57023, 002-42341, 002-23589, 071-78704]
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: MSU updates found: (

)
2022-08-07 09:56:35-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: SUOSUShimController: Armed: 0, with mode: 0, date: (null), updates queued for later: (

)
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: Adding client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Adding client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x144fb6600>, exported interface = <NSXPCInterface: 0x144fc2290>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x146693570>)
2022-08-07 09:56:35-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: AssertionMgr: Cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion for pid 895, id 0x81F6
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: Adding client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 09:56:35-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Adding client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object

interface = <NSXPCInterface: 0x144fc1ef0>, exported interface = <NSXPCInterface: 0x14617a960>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x144fc3d20>
2022-08-07 09:56:35-07 MacBook-M1 SoftwareUpdateNotificationManager[895]: AssertionMgr: Could not cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion - no assertion found for pid 895
2022-08-07 09:58:46-07 MacBook-M1 installd[1369]: installd: Starting
2022-08-07 09:58:46-07 MacBook-M1 installd[1369]: installd: uid=0, euid=0
2022-08-07 09:58:46-07 MacBook-M1 system_installd[1370]: installd: Starting
2022-08-07 09:58:46-07 MacBook-M1 system_installd[1370]: installd: uid=0, euid=0
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Removing client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x144f4a7c0>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x144f4a7e0>
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Removing client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x144f620a0>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x146137460>
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Removing client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x144f680c0>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x144ee20f0>
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: Removing client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: Removing client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Removing client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x147831bd0>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x144e46970>
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: Removing client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: Removing client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: Removing client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: Removing client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: Removing client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: Removing client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Removing client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x14661a540>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x1460855c0>
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Removing client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x144fb6600>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x144fde510>
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Removing client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x144fc4b40>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x14610d240>
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: Removing client SUUpdateServiceClient pid=895, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Removing client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x144fc1ef0>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x14610d240>
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Removing client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x146619d50>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x14617d890>
2022-08-07 11:16:57-07 MacBook-M1 softwareupdated[550]: SUOSUServiceDaemon: Removing client: (null) (pid = 895, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x1460dd7f0>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x14617d890>
2022-08-07 11:17:42-07 MacBook-M1 Installer Progress[376]: Progress UI App Starting
2022-08-07 11:17:43-07 MacBook-M1 softwareupdated[536]: softwareupdated: Starting with build 12.5 (21G72)
2022-08-07 11:17:43-07 MacBook-M1 softwareupdated[536]: Initializing SoftwareUpdateMacController (SUMacControllerServer)
2022-08-07 11:17:43-07 MacBook-M1 Installer Progress[376]: IASGetCurrentInstallPhaseList: Unable to get phases
2022-08-07 11:17:43-07 MacBook-M1 Installer Progress[376]: IASGetCurrentInstallPhase: Unable to get the current phase name
2022-08-07 11:17:43-07 MacBook-M1 Installer Progress[376]: currentPhase = "(null)", phases = (null)
2022-08-07 11:17:43-07 MacBook-M1 Installer Progress[376]: Progress app is loading...
2022-08-07 11:17:43-07 MacBook-M1 Installer Progress[376]: Progress app is running with no progress set
2022-08-07 11:17:43-07 MacBook-M1 Installer Progress[376]: Progress app is running...
2022-08-07 11:17:43-07 MacBook-M1 bootinstall[555]: BootTimeInstall: Configuring sandbox...
2022-08-07 11:17:43-07 MacBook-M1 bootinstall[555]: BootTimeInstall: Sandbox successfully configured
2022-08-07 11:17:43-07 MacBook-M1 bootinstall[555]: Adding bootinstall client (loginwindow (pid = 423, uid = 0, path = /System/Library/CoreServices/loginwindow.app/Contents/MacOS/loginwindow, connection remote object interface = <NSXPCInterface: 0x154209b60>, exported interface = <NSXPCInterface: 0x154205020>, remote object proxy = <__NSXPCInterfaceProxy_IASBootTimeInstallClientProtocol: 0x15420a330>)), total: 1

```
2022-08-07 11:17:43-07 MacBook-M1 bootinstalld[555]: BootTimeInstall: Client loginwindow[423]: Connected.
2022-08-07 11:17:44-07 MacBook-M1 loginwindow[423]: isModernOS = 1
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: IASClearInstallProgress: Clearing Registry
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: currentPhase = "(null)", phases = (

"<IASPPHase: 0x600000387a80: 'IOKit Boot', percentage 2.7, delay 0>"

)
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: IASSetCurrentInstallPhaseList: phases set to (
{
ConclusionDelay = 0;
InstallPhase = "IOKit Boot";
InstallPhaseActualPercentageKey = "2.734375";
InstallPhasePercentageKey = 3;
}
)
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: IASSetCurrentInstallPhase: Current phase name set to
"IOKit Boot"
2022-08-07 11:17:44-07 MacBook-M1 loginwindow[423]: ISAP: Show progress UI called
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: currentPhase = "<IASPPHase: 0x600000387a80: 'IOKit
Boot', percentage 2.7, delay 0>", phases = (

"<IASPPHase: 0x600000387a80: 'IOKit Boot', percentage 2.7, delay 0>",

"<IASPPHase: 0x600000387ae0: 'loginwindow Boot', percentage 97.3, delay -1>"

)
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: IASSetCurrentInstallPhaseList: phases set to (
{
ConclusionDelay = 0;
InstallPhase = "IOKit Boot";
InstallPhaseActualPercentageKey = "2.734375";
InstallPhasePercentageKey = 3;
},
{
ConclusionDelay = "-1";
InstallPhase = "loginwindow Boot";
InstallPhaseActualPercentageKey = "97.26562";
InstallPhasePercentageKey = 97;
}
)
2022-08-07 11:17:44-07 MacBook-M1 loginwindow[423]: ISAP: Done with Phase "IOKit Boot"
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: Connected processes {

"ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2" = {
"Phase Name" = "loginwindow Boot";
"Process ID" = 423;
UUID = "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2";
};
}
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: Connected processes {

"ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2" = {
CompletionHandlerKey = "<__NSMallocBlock__: 0x60000208d1d0>";
"Phase Name" = "loginwindow Boot";
"Process ID" = 423;
UUID = "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2";
};
}
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: Connected processes {

"42EBEED6-C3F7-45FD-ACAD-12E74A0FC97E" = {
"Phase Name" = "IOKit Boot";
"Process ID" = 423;
UUID = "42EBEED6-C3F7-45FD-ACAD-12E74A0FC97E";
};
"ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2" = {
CompletionHandlerKey = "<__NSMallocBlock__: 0x60000208d1d0>";
"Phase Name" = "loginwindow Boot";
};
}
```

```
"Process ID" = 423;
UUID = "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2";
};
}
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: Connected processes {
"42EBEED6-C3F7-45FD-ACAD-12E74A0FC97E" = {
CompletionHandlerKey = "<__NSMallocBlock__: 0x6000020a08c0>";
"Phase Name" = "IOKit Boot";
"Process ID" = 423;
UUID = "42EBEED6-C3F7-45FD-ACAD-12E74A0FC97E";
};
"ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2" = {
CompletionHandlerKey = "<__NSMallocBlock__: 0x60000208d1d0>";
"Phase Name" = "loginwindow Boot";
"Process ID" = 423;
UUID = "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2";
};
}
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: IASGetCurrentInstallPhaseList: phases = (
{
ConclusionDelay = 0;
InstallPhase = "IOKit Boot";
InstallPhaseActualPercentageKey = "2.734375";
InstallPhasePercentageKey = 3;
},
{
ConclusionDelay = "-1";
InstallPhase = "loginwindow Boot";
InstallPhaseActualPercentageKey = "97.265625";
InstallPhasePercentageKey = 97;
}
)
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: IASGetCurrentInstallPhase: Current phase name is "IOKit
Boot"
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: currentPhase = "<IASPPPhase: 0x600000387740: 'IOKit
Boot', percentage 2.7, delay 0>", phases = (
"<IASPPPhase: 0x600000387740: 'IOKit Boot', percentage 2.7, delay 0>",
"<IASPPPhase: 0x600000387be0: 'loginwindow Boot', percentage 97.3, delay -1>"
)
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: Showing Progress UI
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: There are 0 window(s) and 1 display(s), 1 window(s) will be
added
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: Created a window at {{0, 0}, {1280, 800}}
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: Status is ""
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: Alternate status is ""
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: BootWindowList and FileVault, using background
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: Setting window alpha values to 1.0
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: Ordering windows front
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: Done with phase = "IOKit Boot"
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: IASSetCurrentInstallPhase: Current phase name set to
"loginwindow Boot"
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: Connected processes {
"42EBEED6-C3F7-45FD-ACAD-12E74A0FC97E" = {
CompletionHandlerKey = "<__NSMallocBlock__: 0x6000020885f0>";
"Phase Name" = "IOKit Boot";
"Process ID" = 423;
UUID = "42EBEED6-C3F7-45FD-ACAD-12E74A0FC97E";
};
"ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2" = {
CompletionHandlerKey = "<__NSMallocBlock__: 0x60000208d1d0>";
"Phase Name" = "loginwindow Boot";
"Process ID" = 423;
UUID = "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2";
};
}
```

```
}
2022-08-07 11:17:44-07 MacBook-M1 Installer Progress[376]: Connected processes {
"ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2" = {
CompletionHandlerKey = "<__NSMallocBlock__ 0x60000208d1d0>";
"Phase Name" = "loginwindow Boot";
"Process ID" = 423;
UUID = "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2";
};
}
2022-08-07 11:17:44-07 MacBook-M1 softwareupdated[536]: Initialized SoftwareUpdateMacController
(SUMacControllerServer)
2022-08-07 11:17:44-07 MacBook-M1 softwareupdated[536]: SUOSUAlarmObserver: Setting alarm event stream handler
2022-08-07 11:17:44-07 MacBook-M1 softwareupdated[536]: SUOSUCustomTimeObserver: Setting alarm event stream
handler
2022-08-07 11:17:44-07 MacBook-M1 softwareupdated[536]: SUOSUServiceDaemon: Use standard 6 hour auto update
interval
2022-08-07 11:17:44-07 MacBook-M1 softwareupdated[536]: authorizeWithEmptyAuthorizationForRights: Requesting
provided rights: 1
2022-08-07 11:17:44-07 MacBook-M1 softwareupdated[536]: /Library/Bundles does not exist - watching for directory
creation
2022-08-07 11:17:44-07 MacBook-M1 softwareupdated[536]: Adding client SUUpdateServiceClient pid=485, uid=0,
installAuth=NO rights=(), transactions=0 (/usr/libexec/mobileassetd)
2022-08-07 11:17:44-07 MacBook-M1 softwareupdated[536]: Previous System Version : 12.5 (21G72), Current System
Version : 12.5 (21G72)
2022-08-07 11:17:44-07 MacBook-M1 softwareupdated[536]: BackgroundActivity: Activity check-in with Interval 0
2022-08-07 11:17:45-07 MacBook-M1 Installer Progress[376]: Moving window from {{0, 0}, {1280, 800}} to {{0, 0}, {1920,
1080}}
2022-08-07 11:17:45-07 MacBook-M1 Installer Progress[376]: Setting window alpha values to 1.0
2022-08-07 11:17:45-07 MacBook-M1 Installer Progress[376]: Setting window alpha values to 1.0
2022-08-07 11:17:46-07 MacBook-M1 loginwindow[423]: ISAP: Done with Phase "loginwindow Boot"
2022-08-07 11:17:46-07 MacBook-M1 Installer Progress[376]: Done with phase = "loginwindow Boot"
2022-08-07 11:17:46-07 MacBook-M1 Installer Progress[376]: IASClearInstallProgress: Clearing Registry
2022-08-07 11:17:47-07 MacBook-M1 Installer Progress[376]: Setting window alpha values to 1.0
2022-08-07 11:17:47-07 MacBook-M1 loginwindow[423]: ISAP: hide progress UI called
2022-08-07 11:17:47-07 MacBook-M1 Installer Progress[376]: Hiding Progress UI
2022-08-07 11:17:47-07 MacBook-M1 Installer Progress[376]: Setting window alpha values to 0.0
2022-08-07 11:17:47-07 MacBook-M1 Installer Progress[376]: Connected processes {
"ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2" = {
CompletionHandlerKey = "<__NSMallocBlock__ 0x600002086bc0>";
"Phase Name" = "loginwindow Boot";
"Process ID" = 423;
UUID = "ACA00B2E-7A84-4C53-A0EE-C19AEC03CEC2";
};
}
2022-08-07 11:17:47-07 MacBook-M1 Installer Progress[376]: Connected processes {
}
2022-08-07 11:17:48-07 MacBook-M1 Installer Progress[376]: Ordering windows out
2022-08-07 11:17:52-07 MacBook-M1 Installer Progress[376]: Quitting because there are no phases. There are no
connected processes. The UI is not showing.
2022-08-07 11:17:52-07 MacBook-M1 Installer Progress[376]: Quitting Progress App
2022-08-07 11:17:52-07 MacBook-M1 Installer Progress[376]: Setting window alpha values to 0.0
2022-08-07 11:18:14-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Take
com.apple.softwareupdate.NotifyAgentAssertion-LoginDone assertion with type BackgroundTask for pid 1042, id 0x825E
2022-08-07 11:18:14-07 MacBook-M1 softwareupdated[536]: Adding client SUUpdateServiceClient pid=1042, uid=503,
installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/
Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:18:14-07 MacBook-M1 softwareupdated[536]: SUOSNotificationBundleHandler: Should notify? NO
(Notification pending=0, bundle exists=0, mdmInitiatedNotificationBundleInstall=0)
2022-08-07 11:18:14-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Cancel
com.apple.softwareupdate.NotifyAgentAssertion-LoginDone assertion for pid 1042, id 0x825E
2022-08-07 11:18:14-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: (null): softwareupdated: Service
connection invalidated!
2022-08-07 11:18:14-07 MacBook-M1 softwareupdated[536]: Removing client SUUpdateServiceClient pid=1042, uid=503,
installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/
Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:18:14-07 MacBook-M1 softwareupdated[536]: Adding client SUUpdateServiceClient pid=1042, uid=503,
installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/
Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:18:14-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: Controller: Time interval since last scan
- 4899.749362
2022-08-07 11:18:14-07 MacBook-M1 softwareupdated[536]: Adding client SUUpdateServiceClient pid=1042, uid=503,
installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/
Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:18:14-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: Controller: currentPallasAudience -
(null), shouldScan - 1, productKeysInActiveForegroundTransactions - 0, client = 2, shouldScanForClient: 1,
foregroundScan: 0
2022-08-07 11:18:14-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: SUOSUShimController: Start legacy
scan
2022-08-07 11:18:14-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: SUOSUShimController: Start MSU scan
2022-08-07 11:18:14-07 MacBook-M1 softwareupdated[536]: SUScan: Scan for client pid 536 (/System/Library/
CoreServices/Software Update.app/Contents/Resources/softwareupdated)
2022-08-07 11:18:14-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: Query for available updates: FINISHED
2022-08-07 11:18:14-07 MacBook-M1 softwareupdated[536]: SUOSUServiceDaemon: Adding client: (null) (pid = 1042, uid
= 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/
SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object
interface = <NSXPCInterface 0x122724140>, exported interface = <NSXPCInterface 0x12271f9e0>, remote object proxy
= <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol 0x1227258b0>)
2022-08-07 11:18:14-07 MacBook-M1 softwareupdated[536]: SUOSUMobileSoftwareUpdateController: Set bridgeOS
catalog override to catalogURL default
2022-08-07 11:18:14-07 MacBook-M1 softwareupdated[536]: MSU updates found: (null)
2022-08-07 11:18:14-07 MacBook-M1 softwareupdated[536]: SUOSUMobileSoftwareUpdateController: Set bridgeOS
catalog override to catalogURL default
```

2022-08-07 11:18:14-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Take com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion with type BackgroundTask for pid 1042, id 0x8273

2022-08-07 11:18:14-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: SUOSUShimController: Available MSU updates: (

)

2022-08-07 11:18:14-07 MacBook-M1 softwareupdated[536]: Adding client SUUpdateServiceClient pid=1042, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)

2022-08-07 11:18:14-07 MacBook-M1 softwareupdated[536]: SUOSUServiceDaemon: Adding client: (null) (pid = 1042, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x123862960>, exported interface = <NSXPCInterface: 0x123861100>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x123863af0>)

2022-08-07 11:18:14-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion for pid 1042, id 0x8273

2022-08-07 11:18:14-07 MacBook-M1 softwareupdated[536]: Adding client SUUpdateServiceClient pid=1042, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)

2022-08-07 11:18:14-07 MacBook-M1 softwareupdated[536]: SUOSUServiceDaemon: Adding client: (null) (pid = 1042, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x123955df0>, exported interface = <NSXPCInterface: 0x1238620f0>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x1239546d0>)

2022-08-07 11:18:14-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Could not cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion - no assertion found for pid 1042

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: SUOSUServiceDaemon: Adding client: (null) (pid = 354, uid = 278, path = /System/Library/PrivateFrameworks/MobileAccessoryUpdater.framework/Support/accessoryupdaterd, connection remote object interface = <NSXPCInterface: 0x123964f90>, exported interface = <NSXPCInterface: 0x1239649b0>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x123967710>)

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: Set available third party update infos to: (

)

2022-08-07 11:18:15-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Take com.apple.softwareupdate.NotifyAgentAssertion-UpdatesAvailable assertion with type BackgroundTask for pid 1042, id 0x827A

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: Adding client SUUpdateServiceClient pid=1042, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)

2022-08-07 11:18:15-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Cancel com.apple.softwareupdate.NotifyAgentAssertion-UpdatesAvailable assertion for pid 1042, id 0x827A

2022-08-07 11:18:15-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: (null): softwareupdated: Service connection invalidated!

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: Removing client SUUpdateServiceClient pid=1042, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: Got status 200

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: SUScan: Using catalog <https://swscan.apple.com/content/catalogs/others/index-12-10.16-10.15-10.14-10.13-10.12-10.11-10.10-10.9-mountainlion-lion-snowleopard-leopard.merged-1.sucatalog.gz>

2022-08-07 11:18:15-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Take com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion with type BackgroundTask for pid 1042, id 0x827B

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: MSU updates found: (

)

2022-08-07 11:18:15-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: External updates: (

)

2022-08-07 11:18:15-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: Controller: Received availableUpdatesChanged notification; new updates: []; new major updates: [012-42714, 012-06873, 002-79225, 012-40387, 012-22320, 012-08272, 002-77154, 002-65695, 002-57023, 002-42341, 002-23589, 071-78704]

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: MSU updates found: (

)

2022-08-07 11:18:15-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: SUOSUShimController: Armed: 0, with mode: 0, date: (null), updates queued for later: (

)

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: Adding client SUUpdateServiceClient pid=1042, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: SUOSUServiceDaemon: Adding client: (null) (pid = 1042, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x122674940>, exported interface = <NSXPCInterface: 0x12265e7c0>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x1226512b0>)

2022-08-07 11:18:15-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion for pid 1042, id 0x827B

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: Adding client SUUpdateServiceClient pid=1042, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: SUOSUServiceDaemon: Adding client: (null) (pid = 1042, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x125244e60>, exported interface = <NSXPCInterface: 0x1252188f0>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x125226270>)

2022-08-07 11:18:15-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Could not cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion - no assertion found for pid 1042

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: Failed to get bridge device

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: Failed to get bridge device

2022-08-07 11:18:15-07 MacBook-M1 softwareupdated[536]: bridgeOS: Minimum bridge version requirement satisfied ((null)), skipping search for bridgeOS update

2022-08-07 11:18:16-07 MacBook-M1 softwareupdated[536]: JS: No bundle at/Applications/SafeView.app

2022-08-07 11:18:16-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script

2022-08-07 11:18:16-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script

2022-08-07 11:18:16-07 MacBook-M1 softwareupdated[536]: Failed to get bridge device

2022-08-07 11:18:16-07 MacBook-M1 softwareupdated[536]: Failed to get bridge device

2022-08-07 11:18:16-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script

2022-08-07 11:18:18-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script
2022-08-07 11:18:18-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script
2022-08-07 11:18:18-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script
2022-08-07 11:18:18-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script
2022-08-07 11:18:18-07 MacBook-M1 softwareupdated[536]: Failed to get bridge device
2022-08-07 11:18:18-07 MacBook-M1 softwareupdated[536]: Failed to get bridge device
2022-08-07 11:18:18-07 MacBook-M1 softwareupdated[536]: bridgeOS: Minimum bridge version requirement satisfied (null), skipping search for bridgeOS update
2022-08-07 11:18:18-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script
2022-08-07 11:18:18-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Failed to get bridge device
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Failed to get bridge device
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: bridgeOS: Minimum bridge version requirement satisfied (null), skipping search for bridgeOS update
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Failed to get bridge device
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Failed to get bridge device
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: bridgeOS: Minimum bridge version requirement satisfied (null), skipping search for bridgeOS update
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Package Authoring: error running installation-check script: TypeError: null is not an object (evaluating 'cpuFeatures.split') at x-distribution:///installer-gui-script%5B1%5D/installation-check%5B1%5D@script
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: SUScan: Elapsed scan time = 9.1
2022-08-07 11:18:23-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Take com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion with type BackgroundTask for pid 1042, id 0x828F
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Refreshing available updates from scan
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: SUStatisticsManager: Successfully reported statistics for category 5
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Adding client SUUpdateServiceClient pid=1042, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Scan (f=1, d=0) completed
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: 0 updates found:
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: SUOSUServiceDaemon: Adding client: (null) (pid = 1042, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x1239d42e0>, exported interface = <NSXPCInterface: 0x1238e6660>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x123d8cd90>)
2022-08-07 11:18:23-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion for pid 1042, id 0x828F
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: MSU updates found: (

)
2022-08-07 11:18:23-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: External updates: (

)
2022-08-07 11:18:23-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: Controller: Received availableUpdatesChanged notification; new updates: []; new major updates: [012-42714, 012-06873, 002-79225, 012-40387, 012-22320, 012-08272, 002-77154, 002-65695, 002-57023, 002-42341, 002-23589, 071-78704]
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: MSU updates found: (

)
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: MSU updates found: (

)
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Adding client SUUpdateServiceClient pid=1042, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: SUOSUMobileSoftwareUpdateController: Set bridgeOS catalog override to catalogURL default
2022-08-07 11:18:23-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: SUOSUShimController: Armed: 0, with mode: 0, date: (null), updates queued for later: (

)
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: SUOSUServiceDaemon: Adding client: (null) (pid = 1042, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object


```
interface = <NSXPCInterface: 0x1239dd860>, exported interface = <NSXPCInterface: 0x123d84680>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x123da8710>)
2022-08-07 11:18:23-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Could not cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion - no assertion found for pid 1042
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: Adding client SUUpdateServiceClient pid=1042, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:18:23-07 MacBook-M1 softwareupdated[536]: SUOSUServiceDaemon: Adding client: (null) (pid = 1042, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x122642170>, exported interface = <NSXPCInterface: 0x1226aa6a0>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x122647e50>)
2022-08-07 11:18:23-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Could not cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion - no assertion found for pid 1042
2022-08-07 11:18:24-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Take com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion with type BackgroundTask for pid 1042, id 0x8291
2022-08-07 11:18:24-07 MacBook-M1 softwareupdated[536]: MSU updates found: (
)
2022-08-07 11:18:24-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: External updates: (
)
2022-08-07 11:18:24-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: Controller: Received availableUpdatesChanged notification; new updates: []; new major updates: [012-42714, 012-06873, 002-79225, 012-40387, 012-22320, 012-08272, 002-77154, 002-65695, 002-57023, 002-42341, 002-23589, 071-78704]
2022-08-07 11:18:24-07 MacBook-M1 softwareupdated[536]: MSU updates found: (
)
2022-08-07 11:18:24-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: SUOSUShimController: Armed: 0, with mode: 0, date: (null), updates queued for later: (
)
2022-08-07 11:18:24-07 MacBook-M1 softwareupdated[536]: Adding client SUUpdateServiceClient pid=1042, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:18:24-07 MacBook-M1 softwareupdated[536]: SUOSUServiceDaemon: Adding client: (null) (pid = 1042, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x1239a98f0>, exported interface = <NSXPCInterface: 0x12399b280>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x123967b40>)
2022-08-07 11:18:24-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion for pid 1042, id 0x8291
2022-08-07 11:18:24-07 MacBook-M1 softwareupdated[536]: Adding client SUUpdateServiceClient pid=1042, uid=503, installAuth=NO rights=(), transactions=0 (/System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager)
2022-08-07 11:18:24-07 MacBook-M1 softwareupdated[536]: SUOSUServiceDaemon: Adding client: (null) (pid = 1042, uid = 503, path = /System/Library/PrivateFrameworks/SoftwareUpdate.framework/Versions/A/Resources/SoftwareUpdateNotificationManager.app/Contents/MacOS/SoftwareUpdateNotificationManager, connection remote object interface = <NSXPCInterface: 0x123983720>, exported interface = <NSXPCInterface: 0x123d63290>, remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x1239a9cf0>)
2022-08-07 11:18:24-07 MacBook-M1 SoftwareUpdateNotificationManager[1042]: AssertionMgr: Could not cancel com.apple.softwareupdate.NotifyAgentAssertion-BadgingCountChanged assertion - no assertion found for pid 1042
2022-08-07 11:20:09-07 MacBook-M1 softwareupdated[536]: SUOSUServiceDaemon: Removing client: (null) (pid = 354, uid = 278, path = /System/Library/PrivateFrameworks/MobileAccessoryUpdater.framework/Support/accessoryupdaterd, connection remote object interface = <NSXPCInterface: 0x123964f90>, exported interface = (null), remote object proxy = <__NSXPCInterfaceProxy_SUOSUServiceClientProtocol: 0x123966430>)
2022-08-07 11:41:56-07 MacBook-M1 installd[1381]: installd: Starting
2022-08-07 11:41:56-07 MacBook-M1 installd[1381]: installd: uid=0, euid=0
2022-08-07 11:41:56-07 MacBook-M1 system_installd[1382]: installd: Starting
2022-08-07 11:41:56-07 MacBook-M1 system_installd[1382]: installd: uid=0, euid=0
```

Disc recording log:

Source: [/Users/jensenmark/Library/Logs/DiscRecording.log](#)
Size: 180 bytes
Last Modified: 8/1/22, 9:03 PM
Recent Contents:

```
*****
Finder: DRDeviceCopyDeviceForBSDName(disk3s1s1) failed

*****
Finder: DRDeviceCopyDeviceForBSDName(disk3s1s1) failed
```

Filesystem repair log:

Source: [/var/log/fsck_hfs.log](#)
Size: 5 KB (5,260 bytes)
Last Modified: 8/7/22, 9:56 AM
Recent Contents:

```
/dev/rdisk6s2: fsck_hfs started at Thu Aug 4 09:13:34 2022
/dev/rdisk6s2: /dev/rdisk6s2: ** /dev/rdisk6s2 (NO WRITE)
/dev/rdisk6s2: Executing fsck_hfs (version hfs-583.100.10).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk6s2: fsck_hfs completed at Thu Aug 4 09:13:34 2022

/dev/rdisk4s2: fsck_hfs started at Thu Aug 4 12:12:18 2022
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2: Executing fsck_hfs (version hfs-583.100.10).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Thu Aug 4 12:12:18 2022

/dev/rdisk6s2: fsck_hfs started at Thu Aug 4 14:16:17 2022
/dev/rdisk6s2: /dev/rdisk6s2: ** /dev/rdisk6s2 (NO WRITE)
/dev/rdisk6s2: Executing fsck_hfs (version hfs-583.100.10).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk6s2: fsck_hfs completed at Thu Aug 4 14:16:17 2022

/dev/rdisk6s2: fsck_hfs started at Thu Aug 4 14:16:18 2022
/dev/rdisk6s2: /dev/rdisk6s2: ** /dev/rdisk6s2 (NO WRITE)
/dev/rdisk6s2: Executing fsck_hfs (version hfs-583.100.10).
```

QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk6s2: fsck_hfs completed at Thu Aug 4 14:16:18 2022

/dev/rdisk4s2: fsck_hfs started at Thu Aug 4 14:44:48 2022
/dev/rdisk4s2: /dev/rdisk4s2: Executing fsck_hfs (version hfs-583.100.10).
/dev/rdisk4s2: ** Checking Journaled HFS Plus volume.
/dev/rdisk4s2: The volume name is Seagate
/dev/rdisk4s2: ** Checking extents overflow file.
/dev/rdisk4s2: ** Checking catalog file.
/dev/rdisk4s2: Invalid index key
/dev/rdisk4s2: ** The volume Seagate was found corrupt and needs to be repaired.
/dev/rdisk4s2: fsck_hfs completed at Thu Aug 4 14:44:49 2022

/dev/rdisk4s2: fsck_hfs started at Thu Aug 4 14:44:51 2022
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2: Executing fsck_hfs (version hfs-583.100.10).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk4s2: fsck_hfs completed at Thu Aug 4 14:44:51 2022

/dev/rdisk4s2: fsck_hfs started at Thu Aug 4 14:45:42 2022
/dev/rdisk4s2: /dev/rdisk4s2: Executing fsck_hfs (version hfs-583.100.10).
/dev/rdisk4s2: ** Checking Journaled HFS Plus volume.
/dev/rdisk4s2: The volume name is Seagate
/dev/rdisk4s2: ** Checking extents overflow file.
/dev/rdisk4s2: ** Checking catalog file.
/dev/rdisk4s2: Invalid index key
/dev/rdisk4s2: ** Rebuilding catalog B-tree.
/dev/rdisk4s2: ** The volume Seagate could not be repaired.
/dev/rdisk4s2: fsck_hfs completed at Thu Aug 4 14:45:53 2022

/dev/rdisk4s2: fsck_hfs started at Thu Aug 4 14:48:58 2022
/dev/rdisk4s2: /dev/rdisk4s2: Executing fsck_hfs (version hfs-583.100.10).
/dev/rdisk4s2: ** Checking Journaled HFS Plus volume.
/dev/rdisk4s2: The volume name is Seagate
/dev/rdisk4s2: ** Checking extents overflow file.
/dev/rdisk4s2: ** Checking catalog file.
/dev/rdisk4s2: Invalid index key
/dev/rdisk4s2: ** Rebuilding catalog B-tree.
/dev/rdisk4s2: ** The volume Seagate could not be repaired.
/dev/rdisk4s2: fsck_hfs completed at Thu Aug 4 14:49:10 2022

/dev/rdisk4s2: fsck_hfs started at Thu Aug 4 14:57:19 2022
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2 (NO WRITE)
/dev/rdisk4s2: Executing fsck_hfs (version hfs-583.100.10).
QUICKCHECK ONLY; FILESYSTEM DIRTY
/dev/rdisk4s2: fsck_hfs completed at Thu Aug 4 14:57:19 2022

/dev/rdisk4s2: fsck_hfs started at Thu Aug 4 14:57:19 2022
/dev/rdisk4s2: /dev/rdisk4s2: ** /dev/rdisk4s2
/dev/rdisk4s2: Executing fsck_hfs (version hfs-583.100.10).
/dev/rdisk4s2: ** Checking Journaled HFS Plus volume.
/dev/rdisk4s2: The volume name is Seagate
/dev/rdisk4s2: ** Checking extents overflow file.
/dev/rdisk4s2: ** Checking catalog file.
/dev/rdisk4s2: Invalid index key
/dev/rdisk4s2: (4, 2)
/dev/rdisk4s2: ** Rebuilding catalog B-tree.
/dev/rdisk4s2: ** The volume Seagate could not be repaired.
/dev/rdisk4s2: fsck_hfs completed at Thu Aug 4 14:57:28 2022

/dev/rdisk6s2: fsck_hfs started at Thu Aug 4 15:05:15 2022
/dev/rdisk6s2: /dev/rdisk6s2: ** /dev/rdisk6s2 (NO WRITE)
/dev/rdisk6s2: Executing fsck_hfs (version hfs-583.100.10).
QUICKCHECK ONLY; FILESYSTEM DIRTY
/dev/rdisk6s2: fsck_hfs completed at Thu Aug 4 15:05:15 2022

/dev/rdisk6s2: fsck_hfs started at Thu Aug 4 15:05:18 2022
/dev/rdisk6s2: /dev/rdisk6s2: ** /dev/rdisk6s2
/dev/rdisk6s2: Executing fsck_hfs (version hfs-583.100.10).
/dev/rdisk6s2: ** Checking Journaled HFS Plus volume.
/dev/rdisk6s2: The volume name is Seagate
/dev/rdisk6s2: ** Checking extents overflow file.
/dev/rdisk6s2: ** Checking catalog file.
/dev/rdisk6s2: Invalid index key
/dev/rdisk6s2: (4, 2)
/dev/rdisk6s2: ** Rebuilding catalog B-tree.
/dev/rdisk6s2: ** The volume Seagate could not be repaired.
/dev/rdisk6s2: fsck_hfs completed at Thu Aug 4 15:05:27 2022

/dev/rdisk5s2: fsck_hfs started at Fri Aug 5 09:13:42 2022
/dev/rdisk5s2: /dev/rdisk5s2: ** /dev/rdisk5s2 (NO WRITE)
/dev/rdisk5s2: Executing fsck_hfs (version hfs-583.100.10).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk5s2: fsck_hfs completed at Fri Aug 5 09:13:42 2022

/dev/rdisk6s2: fsck_hfs started at Sun Aug 7 09:56:01 2022
/dev/rdisk6s2: /dev/rdisk6s2: ** /dev/rdisk6s2 (NO WRITE)
/dev/rdisk6s2: Executing fsck_hfs (version hfs-583.100.10).
QUICKCHECK ONLY; FILESYSTEM CLEAN
/dev/rdisk6s2: fsck_hfs completed at Sun Aug 7 09:56:01 2022

User filesystem repair log:

Source: [/Users/jensenmark/Library/logs/fsck_hfs.log](#)
Size: 2 KB (1,912 bytes)
Last Modified: 8/4/22, 2:16 PM

Recent Contents:

```
fsck_hfs started at Fri May 20 19:30:35 2022
** /dev/rdisk4s2 (NO WRITE)
  Executing fsck_hfs (version hfs-583.100.10).
** Checking non-jounaled HFS Plus Volume.
  The volume name is Brave Browser
** Checking extents overflow file.
** Checking catalog file.
** Checking multi-linked files.
** Checking catalog hierarchy.
** Checking volume bitmap.
** Checking volume information.
** The volume Brave Browser appears to be OK.
fsck_hfs completed at Fri May 20 19:30:36 2022
```

```
fsck_hfs started at Fri Jun 10 05:02:20 2022
** /dev/rdisk4s2 (NO WRITE)
  Executing fsck_hfs (version hfs-583.100.10).
** Checking non-jounaled HFS Plus Volume.
  The volume name is Brave Browser
** Checking extents overflow file.
** Checking catalog file.
** Checking multi-linked files.
** Checking catalog hierarchy.
** Checking volume bitmap.
** Checking volume information.
** The volume Brave Browser appears to be OK.
fsck_hfs completed at Fri Jun 10 05:02:20 2022
```

```
fsck_hfs started at Tue Aug  2 02:02:12 2022
** /dev/rdisk4s2 (NO WRITE)
  Executing fsck_hfs (version hfs-583.100.10).
** Checking non-jounaled HFS Plus Volume.
  The volume name is Brave Browser
** Checking extents overflow file.
** Checking catalog file.
** Checking multi-linked files.
** Checking catalog hierarchy.
** Checking volume bitmap.
** Checking volume information.
** The volume Brave Browser appears to be OK.
fsck_hfs completed at Tue Aug  2 02:02:12 2022
```

```
fsck_hfs started at Thu Aug  4 14:16:17 2022
** /dev/rdisk6s2 (NO WRITE)
  Executing fsck_hfs (version hfs-583.100.10).
** Checking non-jounaled HFS Plus Volume.
  The volume name is Brave Browser
** Checking extents overflow file.
** Checking catalog file.
** Checking multi-linked files.
** Checking catalog hierarchy.
** Checking volume bitmap.
** Checking volume information.
** The volume Brave Browser appears to be OK.
fsck_hfs completed at Thu Aug  4 14:16:17 2022
```

Application firewall log:

Source: [/var/log/appfirewall.log](#)
Size: Zero KB
Last Modified: 8/4/22, 9:14 AM
Recent Contents:

Kernel log:

Source: [/var/log/asl](#)
Size: Zero KB
Recent Contents:

Wi-Fi log:

Source: [/var/log/wifi_log](#)
Size: 39 KB (38,851 bytes)
Last Modified: 8/7/22, 11:18 AM
Recent Contents: ...

```
Sun Aug  7 03:26:48.884 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug  7 04:32:51.348 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug  7 04:32:51.511 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug  7 04:32:51.512 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug  7 04:32:51.517 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug  7 04:32:51.573 Usb Host Notification Error Apple80211Set: Device power is off seqNum 101 Total 11 chg 1 en0
Sun Aug  7 04:32:51.574 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug  7 04:32:51.620 Usb Host Notification Error Apple80211Set: Device power is off seqNum 102 Total 11 chg 1 en0
Sun Aug  7 04:32:51.622 Apple80211SetProperty: ioctl failed: bsdErr=-1, errno=16
Sun Aug  7 04:32:51.622 Usb Host Notification Error Apple80211Set: Device power is off seqNum 103 Total 11 chg 1 en0
Sun Aug  7 04:32:51.918 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug  7 04:38:49.349 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug  7 04:38:49.460 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug  7 04:38:49.460 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug  7 04:38:49.477 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug  7 04:38:49.513 Usb Host Notification Error Apple80211Set: Device power is off seqNum 104 Total 11 chg 1 en0
Sun Aug  7 04:38:49.514 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug  7 04:38:49.556 Usb Host Notification Error Apple80211Set: Device power is off seqNum 105 Total 11 chg 1 en0
Sun Aug  7 04:38:49.556 Apple80211SetProperty: ioctl failed: bsdErr=-1, errno=16
Sun Aug  7 04:38:49.558 Usb Host Notification Error Apple80211Set: Device power is off seqNum 106 Total 11 chg 1 en0
Sun Aug  7 04:38:49.813 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug  7 04:44:46.342 <airport[437]> systemWokenByWiFi: System Wake Reason not found
```

Sun Aug 7 04:44:46.509 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 04:44:46.509 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 04:44:46.509 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 04:44:46.524 Usb Host Notification Error Apple80211Set: Device power is off seqNum 107 Total 11 chg 1 en0
Sun Aug 7 04:44:46.526 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 04:44:46.566 Usb Host Notification Error Apple80211Set: Device power is off seqNum 108 Total 11 chg 1 en0
Sun Aug 7 04:44:46.567 Apple80211SetProperty: ioctl failed: bsdErr=-1, errno=16
Sun Aug 7 04:44:46.583 Usb Host Notification Error Apple80211Set: Device power is off seqNum 109 Total 11 chg 1 en0
Sun Aug 7 04:44:46.835 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 04:54:07.342 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 04:54:07.461 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 04:54:07.461 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 04:54:07.495 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 04:54:07.513 Usb Host Notification Error Apple80211Set: Device power is off seqNum 110 Total 11 chg 1 en0
Sun Aug 7 04:54:07.513 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 04:54:07.555 Usb Host Notification Error Apple80211Set: Device power is off seqNum 111 Total 11 chg 1 en0
Sun Aug 7 04:54:07.556 Apple80211SetProperty: ioctl failed: bsdErr=-1, errno=16
Sun Aug 7 04:54:07.557 Usb Host Notification Error Apple80211Set: Device power is off seqNum 112 Total 11 chg 1 en0
Sun Aug 7 04:54:07.842 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 04:59:53.358 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 04:59:53.486 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 04:59:53.503 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 04:59:53.503 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 04:59:53.528 Usb Host Notification Error Apple80211Set: Device power is off seqNum 113 Total 11 chg 1 en0
Sun Aug 7 04:59:53.560 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 04:59:53.599 Usb Host Notification Error Apple80211Set: Device power is off seqNum 114 Total 11 chg 1 en0
Sun Aug 7 04:59:53.600 Apple80211SetProperty: ioctl failed: bsdErr=-1, errno=16
Sun Aug 7 04:59:53.601 Usb Host Notification Error Apple80211Set: Device power is off seqNum 115 Total 11 chg 1 en0
Sun Aug 7 04:59:53.836 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 06:15:56.380 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:15:56.519 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:15:56.519 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:15:56.519 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 06:15:56.546 Usb Host Notification Error Apple80211Set: Device power is off seqNum 116 Total 11 chg 1 en0
Sun Aug 7 06:15:56.546 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:15:56.833 Usb Host Notification Error Apple80211Set: Device power is off seqNum 117 Total 11 chg 1 en0
Sun Aug 7 06:15:56.833 Apple80211SetProperty: ioctl failed: bsdErr=-1, errno=16
Sun Aug 7 06:15:56.850 Usb Host Notification Error Apple80211Set: Device power is off seqNum 118 Total 11 chg 1 en0
Sun Aug 7 06:15:56.991 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 06:22:02.368 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:22:02.515 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:22:02.517 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:22:02.519 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 06:22:02.536 Usb Host Notification Error Apple80211Set: Device power is off seqNum 119 Total 11 chg 1 en0
Sun Aug 7 06:22:02.538 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:22:02.578 Usb Host Notification Error Apple80211Set: Device power is off seqNum 120 Total 11 chg 1 en0
Sun Aug 7 06:22:02.579 Apple80211SetProperty: ioctl failed: bsdErr=-1, errno=16
Sun Aug 7 06:22:02.581 Usb Host Notification Error Apple80211Set: Device power is off seqNum 121 Total 11 chg 1 en0
Sun Aug 7 06:22:02.862 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 06:27:56.370 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:27:56.546 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:27:56.548 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:27:56.548 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 06:27:56.570 Usb Host Notification Error Apple80211Set: Device power is off seqNum 122 Total 11 chg 1 en0
Sun Aug 7 06:27:56.600 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:27:56.640 Usb Host Notification Error Apple80211Set: Device power is off seqNum 123 Total 11 chg 1 en0
Sun Aug 7 06:27:56.641 Apple80211SetProperty: ioctl failed: bsdErr=-1, errno=16
Sun Aug 7 06:27:56.643 Usb Host Notification Error Apple80211Set: Device power is off seqNum 124 Total 11 chg 1 en0
Sun Aug 7 06:27:56.864 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 06:36:42.392 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:36:42.542 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:36:42.542 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:36:42.547 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 06:36:42.563 Usb Host Notification Error Apple80211Set: Device power is off seqNum 125 Total 11 chg 1 en0
Sun Aug 7 06:36:42.564 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:36:42.604 Usb Host Notification Error Apple80211Set: Device power is off seqNum 126 Total 11 chg 1 en0
Sun Aug 7 06:36:42.605 Apple80211SetProperty: ioctl failed: bsdErr=-1, errno=16
Sun Aug 7 06:36:42.608 Usb Host Notification Error Apple80211Set: Device power is off seqNum 127 Total 11 chg 1 en0
Sun Aug 7 06:36:42.889 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 06:42:39.389 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:42:39.552 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:42:39.552 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:42:39.552 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 06:42:39.573 Usb Host Notification Error Apple80211Set: Device power is off seqNum 128 Total 11 chg 1 en0
Sun Aug 7 06:42:39.612 <airport[437]> systemWokenByWiFi: System Wake Reason not found
Sun Aug 7 06:42:39.651 Usb Host Notification Error Apple80211Set: Device power is off seqNum 129 Total 11 chg 1 en0
Sun Aug 7 06:42:39.652 Apple80211SetProperty: ioctl failed: bsdErr=-1, errno=16
Sun Aug 7 06:42:39.653 Usb Host Notification Error Apple80211Set: Device power is off seqNum 130 Total 11 chg 1 en0
Sun Aug 7 06:42:39.871 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 07:16:26.966 <airport[437]> airportdProcessDLILEvent: <en0> event=1, flags=0xFFFF8863, lastPowerPref=off
Sun Aug 7 07:16:26.966 <airport[437]> airportdProcessDLILEvent: en0 marked UP, applying user power preferences (OFF).
Sun Aug 7 07:16:26.966 <airport[437]> airportdProcessDLILEvent: <en0> Setting power OFF
Sun Aug 7 07:16:26.984 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 07:16:26.984 Usb Host Notification Error Apple80211Set: Device power is off seqNum 131 Total 11 chg 1 en0
Sun Aug 7 08:31:47.182 <airport[437]> _configureTCPKeepAlive: Unable to enable TCP keep-alive on en0 (Operation not supported)
Sun Aug 7 09:56:03.430 Usb Host Notification hostNotificationUSBDeviceInserted USB Optical Mouse isApple N seqNum 1 Total 1
Sun Aug 7 09:56:03.431 Usb Host Notification hostNotificationUSBDeviceInserted USB 10_100_1000 LAN isApple N seqNum 1 Total 2

Sun Aug 7 09:56:03.431 Usb Host Notification hostNotificationUSBDeviceInserted Mass Storage isApple N seqNum 1 Total 3
Sun Aug 7 09:56:03.431 Usb Host Notification hostNotificationUSBDeviceInserted USB3.0 Card Reader isApple N seqNum 1 Total 4
Sun Aug 7 09:56:03.433 Usb Host Notification hostNotificationUSBDeviceInserted USB Billboard Device isApple N seqNum 1 Total 5
Sun Aug 7 09:56:03.434 Usb Host Notification hostNotificationUSBDeviceInserted USB Station isApple N seqNum 1 Total 6
Sun Aug 7 09:56:03.434 Usb Host Notification hostNotificationUSBDeviceInserted Printer isApple N seqNum 1 Total 7
Sun Aug 7 09:56:03.434 Usb Host Notification hostNotificationUSBDeviceInserted USB2.0 Hub isApple N seqNum 1 Total 8
Sun Aug 7 09:56:03.435 Usb Host Notification hostNotificationUSBDeviceInserted Ultra USB 3.0 isApple N seqNum 1 Total 9
Sun Aug 7 09:56:03.435 Usb Host Notification hostNotificationUSBDeviceInserted USB3.0 Hub isApple N seqNum 1 Total 10
Sun Aug 7 09:56:03.435 Usb Host Notification hostNotificationUSBDeviceInserted USB2.0 Hub isApple N seqNum 1 Total 11
Sun Aug 7 09:56:03.436 Usb Host Notification hostNotificationUSBDeviceInserted USB3.0 Hub isApple N seqNum 1 Total 12
Sun Aug 7 09:56:03.436 Usb Host Notification activated
Sun Aug 7 09:56:03.440 <airport[460]> _bsdDriver_init: registration for monitoring bssSteeringRequest event
Sun Aug 7 09:56:03.440
Sun Aug 7 09:56:03.443 <airport[460]> _bsdDriver_init: registration for monitoring bssSteeringRequest event
Sun Aug 7 09:56:03.443
Sun Aug 7 09:56:03.445 Usb Host Notification Error Apple80211Set: Operation not supported seqNum 1 Total 12 chg 1 ap1
Sun Aug 7 09:56:03.446 <airport[460]> _bsdDriver_init: registration for monitoring bssSteeringRequest event
Sun Aug 7 09:56:03.446
Sun Aug 7 09:56:03.450 Usb Host Notification Error Apple80211Set: Operation not supported seqNum 2 Total 12 chg 1 awdl0
Sun Aug 7 09:56:03.450 <airport[460]> _initLocaleManager: Started locale manager
Sun Aug 7 09:56:03.450 <airport[460]> _initInterface: Failed to query current SSID (Operation not supported)
Sun Aug 7 09:56:03.491 Apple80211SetProperty: ioctl failed: bsdErr=-1, errno=16
Sun Aug 7 09:56:03.493 Usb Host Notification Error Apple80211Set: Device power is off seqNum 3 Total 12 chg 1 en0
Sun Aug 7 09:56:03.515 <airport[460]> ERROR: bluetoothd (415) is not entitled for com.apple.wifi.events, but allowing anyways for event type 1
Sun Aug 7 09:56:03.515 <airport[460]> ERROR: bluetoothd (415) is not entitled for com.apple.wifi.events, but allowing anyways for event type 5
Sun Aug 7 09:56:03.515 <airport[460]> ERROR: bluetoothd (415) is not entitled for com.apple.wifi.events.private, will not register for event type 130
Sun Aug 7 09:56:03.519 <airport[460]> ERROR: bluetoothd (415) is not entitled for com.apple.wifi.events.private, will not register for event type 100
Sun Aug 7 09:56:03.519 <airport[460]> ERROR: bluetoothd (415) is not entitled for com.apple.wifi.events.private, will not register for event type 122
Sun Aug 7 09:56:03.519 <airport[460]> ERROR: bluetoothd (415) is not entitled for com.apple.wifi.events.private, will not register for event type 123
Sun Aug 7 09:56:03.522 <airport[460]> ERROR: bluetoothd (415) is not entitled for com.apple.wifi.events, but allowing anyways for event type 5
Sun Aug 7 09:56:03.522 <airport[460]> ERROR: bluetoothd (415) is not entitled for com.apple.wifi.events, but allowing anyways for event type 7
Sun Aug 7 09:56:03.522 <airport[460]> ERROR: bluetoothd (415) is not entitled for com.apple.wifi.events, but allowing anyways for event type 1
Sun Aug 7 09:56:03.522 <airport[460]> ERROR: bluetoothd (415) is not entitled for com.apple.wifi.events, but allowing anyways for event type 2
Sun Aug 7 09:56:03.584 <airport[460]> airportdProcessDLILEvent: <en0> event=9, flags=0xFFFF8863, lastPowerPref=off
Sun Aug 7 09:56:03.584 <airport[460]> airportdProcessDLILEvent: en0 attached (up)
Sun Aug 7 09:56:06.486 Usb Host Notification Error Apple80211Set: Device power is off seqNum 4 Total 12 chg 1 en0
Sun Aug 7 09:56:09.732 <airport[460]> ERROR: ControlCenter (658) is not entitled for com.apple.wifi.events, but allowing anyways for event type 2
Sun Aug 7 09:56:09.732 <airport[460]> ERROR: ControlCenter (658) is not entitled for com.apple.wifi.events, but allowing anyways for event type 3
Sun Aug 7 09:56:09.732 <airport[460]> ERROR: ControlCenter (658) is not entitled for com.apple.wifi.events, but allowing anyways for event type 1
Sun Aug 7 09:56:09.732 <airport[460]> ERROR: ControlCenter (658) is not entitled for com.apple.wifi.events, but allowing anyways for event type 5
Sun Aug 7 09:56:09.732 <airport[460]> ERROR: ControlCenter (658) is not entitled for com.apple.wifi.events, but allowing anyways for event type 7
Sun Aug 7 09:56:13.192 <airport[460]> Could not set property APPLE80211_REGKEY_AWDL_MAC_ADDRESS_IN_USE to 0
Sun Aug 7 09:56:30.086 Usb Host Notification hostNotificationUSBDeviceRemoved USB Station seqNum 5 Total 11
Sun Aug 7 09:56:30.087 Usb Host Notification Error Apple80211Set: Device power is off seqNum 5 Total 11 chg 0 en0
Sun Aug 7 09:56:31.595 Usb Host Notification hostNotificationUSBDeviceInserted USB Station isApple N seqNum 6 Total 12
Sun Aug 7 09:56:31.596 Usb Host Notification Error Apple80211Set: Device power is off seqNum 6 Total 12 chg 1 en0
Sun Aug 7 09:56:31.876 <airport[460]> ERROR: UI (916) is not entitled for com.apple.wifi.events, but allowing anyways for event type 3
Sun Aug 7 09:56:31.876 <airport[460]> ERROR: UI (916) is not entitled for com.apple.wifi.events, but allowing anyways for event type 5
Sun Aug 7 09:56:31.876 <airport[460]> ERROR: UI (916) is not entitled for com.apple.wifi.events, but allowing anyways for event type 6
Sun Aug 7 09:56:31.876 <airport[460]> ERROR: UI (916) is not entitled for com.apple.wifi.events, but allowing anyways for event type 7
Sun Aug 7 09:56:31.876 <airport[460]> ERROR: UI (916) is not entitled for com.apple.wifi.events, but allowing anyways for event type 8
Sun Aug 7 09:56:31.876 <airport[460]> ERROR: UI (916) is not entitled for com.apple.wifi.events, but allowing anyways for event type 2
Sun Aug 7 09:56:35.965 <Apple80[498]> -[CWWiFiClient startMonitoringEventWithType:error:]: FAILED to complete operation within 4.0s, continuing
Sun Aug 7 09:56:37.703 <Apple80[409]> -[CWWiFiClient startMonitoringEventWithType:error:]: FAILED to complete operation within 4.0s, continuing
Sun Aug 7 09:56:40.964 <airport[460]> ERROR: Bitdefender VPN (915) is not entitled for com.apple.wifi.events, but allowing anyways for event type 2
Sun Aug 7 09:56:42.101 <Apple80[409]> -[CWWiFiClient startMonitoringEventWithType:error:]: FAILED to complete operation within 4.0s, continuing
Sun Aug 7 11:15:52.963 Usb Host Notification hostNotificationUSBDeviceRemoved USB2.0 Hub seqNum 7 Total 11
Sun Aug 7 11:15:52.964 Usb Host Notification hostNotificationUSBDeviceRemoved USB2.0 Hub seqNum 7 Total 10
Sun Aug 7 11:15:52.964 Usb Host Notification Error Apple80211Set: Device power is off seqNum 7 Total 10 chg 0 en0
Sun Aug 7 11:15:52.967 Usb Host Notification hostNotificationUSBDeviceRemoved USB Optical Mouse seqNum 8 Total 9
Sun Aug 7 11:15:52.967 Usb Host Notification hostNotificationUSBDeviceRemoved USB Billboard Device seqNum 8 Total 8
Sun Aug 7 11:15:52.967 Usb Host Notification hostNotificationUSBDeviceRemoved Mass Storage seqNum 8 Total 7
Sun Aug 7 11:15:52.967 Usb Host Notification hostNotificationUSBDeviceRemoved Printer seqNum 8 Total 6
Sun Aug 7 11:15:52.968 Usb Host Notification Error Apple80211Set: Device power is off seqNum 8 Total 6 chg 0 en0
Sun Aug 7 11:15:53.570 Usb Host Notification hostNotificationUSBDeviceRemoved USB 10_100_1000 LAN seqNum 9 Total 5
Sun Aug 7 11:15:54.050 Usb Host Notification hostNotificationUSBDeviceRemoved USB3.0 Card Reader seqNum 9 Total 4
Sun Aug 7 11:15:54.058 Usb Host Notification hostNotificationUSBDeviceRemoved USB Station seqNum 9 Total 3
Sun Aug 7 11:15:54.058 Usb Host Notification hostNotificationUSBDeviceRemoved USB3.0 Hub seqNum 9 Total 2

Sun Aug 7 11:15:54.058 Usb Host Notification hostNotificationUSBDeviceRemoved USB3.0 Hub seqNum 9 Total 1
Sun Aug 7 11:15:54.077 Usb Host Notification hostNotificationUSBDeviceInserted USB3.0 Hub isApple N seqNum 9 Total 2
Sun Aug 7 11:15:54.079 Usb Host Notification Error Apple80211Set: Device power is off seqNum 9 Total 2 chg 1 en0
Sun Aug 7 11:15:54.088 Usb Host Notification Error Apple80211Set: Device power is off seqNum 10 Total 2 chg 1 en0
Sun Aug 7 11:15:54.531 Usb Host Notification hostNotificationUSBDeviceInserted USB2.0 Hub isApple N seqNum 11 Total 3
Sun Aug 7 11:15:54.531 Usb Host Notification Error Apple80211Set: Device power is off seqNum 11 Total 3 chg 1 en0
Sun Aug 7 11:15:54.703 Usb Host Notification hostNotificationUSBDeviceInserted USB3.0 Hub isApple N seqNum 12 Total 4
Sun Aug 7 11:15:54.703 Usb Host Notification Error Apple80211Set: Device power is off seqNum 12 Total 4 chg 1 en0
Sun Aug 7 11:15:55.091 Usb Host Notification hostNotificationUSBDeviceInserted USB Station isApple N seqNum 13 Total 5
Sun Aug 7 11:15:55.092 Usb Host Notification Error Apple80211Set: Device power is off seqNum 13 Total 5 chg 1 en0
Sun Aug 7 11:15:55.428 Usb Host Notification hostNotificationUSBDeviceInserted USB2.0 Hub isApple N seqNum 14 Total 6
Sun Aug 7 11:15:55.428 Usb Host Notification Error Apple80211Set: Device power is off seqNum 14 Total 6 chg 1 en0
Sun Aug 7 11:15:55.536 Usb Host Notification hostNotificationUSBDeviceInserted Mass Storage isApple N seqNum 15 Total 7
Sun Aug 7 11:15:55.537 Usb Host Notification Error Apple80211Set: Device power is off seqNum 15 Total 7 chg 1 en0
Sun Aug 7 11:15:55.637 Usb Host Notification hostNotificationUSBDeviceInserted Printer isApple N seqNum 16 Total 8
Sun Aug 7 11:15:55.640 Usb Host Notification hostNotificationUSBDeviceInserted USB3.0 Card Reader isApple N seqNum 16 Total 9
Sun Aug 7 11:15:55.640 Usb Host Notification Error Apple80211Set: Device power is off seqNum 16 Total 9 chg 1 en0
Sun Aug 7 11:15:56.229 Usb Host Notification hostNotificationUSBDeviceInserted USB 10/100/1000 LAN isApple N seqNum 17 Total 10
Sun Aug 7 11:15:56.230 Usb Host Notification Error Apple80211Set: Device power is off seqNum 17 Total 10 chg 1 en0
Sun Aug 7 11:15:56.439 Usb Host Notification hostNotificationUSBDeviceInserted USB Optical Mouse isApple N seqNum 18 Total 11
Sun Aug 7 11:15:56.439 Usb Host Notification Error Apple80211Set: Device power is off seqNum 18 Total 11 chg 1 en0
Sun Aug 7 11:15:59.013 Usb Host Notification hostNotificationUSBDeviceInserted USB Billboard Device isApple N seqNum 19 Total 12
Sun Aug 7 11:15:59.014 Usb Host Notification Error Apple80211Set: Device power is off seqNum 19 Total 12 chg 1 en0
Sun Aug 7 11:15:59.526 Usb Host Notification hostNotificationUSBDeviceRemoved USB 10_100_1000 LAN seqNum 20 Total 11
Sun Aug 7 11:15:59.526 Usb Host Notification hostNotificationUSBDeviceRemoved USB3.0 Card Reader seqNum 20 Total 10
Sun Aug 7 11:15:59.526 Usb Host Notification hostNotificationUSBDeviceRemoved USB Station seqNum 20 Total 9
Sun Aug 7 11:15:59.526 Usb Host Notification hostNotificationUSBDeviceRemoved USB3.0 Hub seqNum 20 Total 8
Sun Aug 7 11:15:59.526 Usb Host Notification hostNotificationUSBDeviceRemoved USB3.0 Hub seqNum 20 Total 7
Sun Aug 7 11:15:59.562 Usb Host Notification Error Apple80211Set: Device power is off seqNum 20 Total 7 chg 0 en0
Sun Aug 7 11:15:59.850 Usb Host Notification hostNotificationUSBDeviceRemoved USB2.0 Hub seqNum 21 Total 6
Sun Aug 7 11:15:59.987 Usb Host Notification hostNotificationUSBDeviceRemoved Mass Storage seqNum 21 Total 5
Sun Aug 7 11:16:00.060 Usb Host Notification hostNotificationUSBDeviceRemoved USB Optical Mouse seqNum 21 Total 4
Sun Aug 7 11:16:00.060 Usb Host Notification hostNotificationUSBDeviceRemoved USB Billboard Device seqNum 21 Total 3
Sun Aug 7 11:16:00.065 Usb Host Notification hostNotificationUSBDeviceRemoved Printer seqNum 21 Total 2
Sun Aug 7 11:16:00.070 Usb Host Notification hostNotificationUSBDeviceRemoved USB2.0 Hub seqNum 21 Total 1
Sun Aug 7 11:16:00.085 Usb Host Notification Error Apple80211Set: Device power is off seqNum 21 Total 1 chg 0 en0
Sun Aug 7 11:16:01.457 Usb Host Notification hostNotificationUSBDeviceInserted USB3.0 Hub isApple N seqNum 22 Total 2
Sun Aug 7 11:16:01.458 Usb Host Notification Error Apple80211Set: Device power is off seqNum 22 Total 2 chg 1 en0
Sun Aug 7 11:16:01.643 Usb Host Notification hostNotificationUSBDeviceInserted USB2.0 Hub isApple N seqNum 23 Total 3
Sun Aug 7 11:16:01.643 Usb Host Notification Error Apple80211Set: Device power is off seqNum 23 Total 3 chg 1 en0
Sun Aug 7 11:16:02.057 Usb Host Notification hostNotificationUSBDeviceInserted USB3.0 Hub isApple N seqNum 24 Total 4
Sun Aug 7 11:16:02.058 Usb Host Notification Error Apple80211Set: Device power is off seqNum 24 Total 4 chg 1 en0
Sun Aug 7 11:16:02.131 Usb Host Notification hostNotificationUSBDeviceInserted USB Station isApple N seqNum 25 Total 5
Sun Aug 7 11:16:02.132 Usb Host Notification Error Apple80211Set: Device power is off seqNum 25 Total 5 chg 1 en0
Sun Aug 7 11:16:02.299 Usb Host Notification hostNotificationUSBDeviceInserted USB Billboard Device isApple N seqNum 26 Total 6
Sun Aug 7 11:16:02.300 Usb Host Notification Error Apple80211Set: Device power is off seqNum 26 Total 6 chg 1 en0
Sun Aug 7 11:16:02.544 Usb Host Notification hostNotificationUSBDeviceInserted Mass Storage isApple N seqNum 27 Total 7
Sun Aug 7 11:16:02.546 Usb Host Notification Error Apple80211Set: Device power is off seqNum 27 Total 7 chg 1 en0
Sun Aug 7 11:16:02.638 Usb Host Notification hostNotificationUSBDeviceInserted USB2.0 Hub isApple N seqNum 28 Total 8
Sun Aug 7 11:16:02.639 Usb Host Notification Error Apple80211Set: Device power is off seqNum 28 Total 8 chg 1 en0
Sun Aug 7 11:16:02.742 Usb Host Notification hostNotificationUSBDeviceInserted USB 10/100/1000 LAN isApple N seqNum 29 Total 9
Sun Aug 7 11:16:02.767 Usb Host Notification hostNotificationUSBDeviceInserted Printer isApple N seqNum 29 Total 10
Sun Aug 7 11:16:02.768 Usb Host Notification hostNotificationUSBDeviceInserted USB3.0 Card Reader isApple N seqNum 29 Total 11
Sun Aug 7 11:16:02.770 Usb Host Notification Error Apple80211Set: Device power is off seqNum 29 Total 11 chg 1 en0
Sun Aug 7 11:16:03.351 Usb Host Notification hostNotificationUSBDeviceInserted USB Optical Mouse isApple N seqNum 30 Total 12
Sun Aug 7 11:16:03.352 Usb Host Notification Error Apple80211Set: Device power is off seqNum 30 Total 12 chg 1 en0
Sun Aug 7 11:16:23.732 Usb Host Notification hostNotificationUSBDeviceRemoved Ultra USB 3.0 seqNum 31 Total 11
Sun Aug 7 11:16:23.751 Usb Host Notification Error Apple80211Set: Device power is off seqNum 31 Total 11 chg 0 en0
Sun Aug 7 11:17:44.145 Usb Host Notification hostNotificationUSBDeviceInserted USB 10_100_1000 LAN isApple N seqNum 1 Total 1
Sun Aug 7 11:17:44.146 Usb Host Notification hostNotificationUSBDeviceInserted USB Optical Mouse isApple N seqNum 1 Total 2
Sun Aug 7 11:17:44.147 Usb Host Notification hostNotificationUSBDeviceInserted USB3.0 Card Reader isApple N seqNum 1 Total 3
Sun Aug 7 11:17:44.147 Usb Host Notification hostNotificationUSBDeviceInserted USB Billboard Device isApple N seqNum 1 Total 4
Sun Aug 7 11:17:44.147 Usb Host Notification hostNotificationUSBDeviceInserted Mass Storage isApple N seqNum 1 Total 5
Sun Aug 7 11:17:44.147 Usb Host Notification hostNotificationUSBDeviceInserted Printer isApple N seqNum 1 Total 6
Sun Aug 7 11:17:44.148 Usb Host Notification hostNotificationUSBDeviceInserted USB2.0 Hub isApple N seqNum 1 Total 7
Sun Aug 7 11:17:44.148 Usb Host Notification hostNotificationUSBDeviceInserted USB3.0 Hub isApple N seqNum 1 Total 8
Sun Aug 7 11:17:44.148 Usb Host Notification hostNotificationUSBDeviceInserted USB Station isApple N seqNum 1 Total 9
Sun Aug 7 11:17:44.149 Usb Host Notification hostNotificationUSBDeviceInserted USB2.0 Hub isApple N seqNum 1 Total 10
Sun Aug 7 11:17:44.150 Usb Host Notification hostNotificationUSBDeviceInserted USB3.0 Hub isApple N seqNum 1 Total 11
Sun Aug 7 11:17:44.150 Usb Host Notification activated
Sun Aug 7 11:17:44.156 <airport[434]> _bsdDriver_init: registration for monitoring bssSteeringRequest event
Sun Aug 7 11:17:44.156
Sun Aug 7 11:17:44.160 <airport[434]> _bsdDriver_init: registration for monitoring bssSteeringRequest event
Sun Aug 7 11:17:44.160
Sun Aug 7 11:17:44.162 Usb Host Notification Error Apple80211Set: Operation not supported seqNum 1 Total 11 chg 1 ap1
Sun Aug 7 11:17:44.163 <airport[434]> _bsdDriver_init: registration for monitoring bssSteeringRequest event
Sun Aug 7 11:17:44.163
Sun Aug 7 11:17:44.171 Usb Host Notification Error Apple80211Set: Operation not supported seqNum 2 Total 11 chg 1 awdl0
Sun Aug 7 11:17:44.177 <airport[434]> _initLocaleManager: Started locale manager

r.DiskImages.FileBackingStore\t493.0.0\ncom.apple.driver.AppleThunderboltIP\t4.0.3\ncom.apple.driver.AppleSmartBatteryManager\t161.0.0\ncom.apple.driver.AppleUSBDeviceNMC\t5.0.0\ncom.apple.driver.AppleALSCColorSensor\t1.0.0d1\ncom.apple.driver.AppleFileSystemDriver\t3.0.1\ncom.apple.nke.12pt\t1.9\ncom.apple.filesystems.tmpfs\t1\ncom.apple.filesystems.lifs\t1\ncom.apple.filesystems.afps\t1934.121.2\ncom.apple.IOTextEncryptionFamily\t1.0.0\ncom.apple.driver.AppleAOPVoiceTrigger\t140.1\ncom.apple.filesystems.hfs.kext\t583.100.10\ncom.apple.security.BootPolicy\t1\ncom.apple.BootCache\t40\ncom.apple.AppleFSCompression.AppleFSCompressionTypeZlib\t1.0.0\ncom.apple.AppleFSCompression.AppleFSCompressionTypeDataless\t1.0.0d1\ncom.apple.driver.AppleSPMIPMU\t1.0.1\ncom.apple.driver.ApplePMP\t1\ncom.apple.driver.AppleSmartIO2\t1\ncom.apple.AppleEmbeddedSimpleSPINORFlasher\t1\ncom.apple.driver.ApplePMPFirmware\t1\ncom.apple.driver.AppleDPDisplayTCO\t1\ncom.apple.driver.AppleCS42L83Audio\t550.3\ncom.apple.driver.AppleTAS5770LAMP\t550.3\ncom.apple.driver.AppleSummitLCD\t1.0.0\ncom.apple.driver.AppleAVE2\t550.16.0\ncom.apple.driver.AppleMobileDispH13G-DCP\t140.0\ncom.apple.driver.AppleT8020SOCTuner\t1\ncom.apple.driver.AppleT8103CLPCv3\t1\ncom.apple.driver.AppleAVD\t564\ncom.apple.driver.AppleJPEGDriver\t4.8.1\ncom.apple.AGXG13G\t190.20\ncom.apple.driver.AudioDMAController-T8103\t150.1\ncom.apple.driver.usb.AppleSynopsysUSB40XHCI\t1\ncom.apple.driver.AppleSerialShim\t1\ncom.apple.driver.AppleEventLogHandler\t1\ncom.apple.driver.AppleS5L8960XNCO\t1\ncom.apple.driver.AppleT8103PMGR\t1\ncom.apple.driver.AppleS8000AES\t1\ncom.apple.driver.AppleS8000DW\t1.0.0d1\ncom.apple.driver.AppleInterruptController\t1.0.0d1\ncom.apple.driver.AppleBluetoothModule\t1\ncom.apple.driver.AppleSamsungSerial\t1.0.0d1\ncom.apple.driver.AppleBCM WLANBusInterfacePCIE\t1\ncom.apple.driver.AppleT8020DART\t1\ncom.apple.driver.AppleSynopsysMIPIDS\t1.0.0\ncom.apple.driver.AppleS5L8920XPWM\t1.0.0d1\ncom.apple.driver.AppleS5L8940X12C\t1.0.0d2\ncom.apple.driver.AppleSPIMC\t1\ncom.apple.driver.AppleT8101\t1\ncom.apple.driver.AppleM68Buttons\t1.0.0d1\ncom.apple.iokit.IOUserEthernet\t1.0.1\ncom.apple.driver.usb.AppleUSBUserHCI\t1\ncom.apple.iokit.IOKitRegistryCompatibility\t1\ncom.apple.iokit.EndpointSecurity\t1\ncom.apple.driver.AppleDiskImages2\t126.100.13\ncom.apple.AppleSystemPolicy\t2.0.0\ncom.apple.nke.applicationfirewall\t402\ncom.apple.kec.InvalidDateHmac\t1\ncom.apple.kec.AppleEncryptedArchive\t1\ncom.apple.driver.driverkit.serial\t6.0.0\ncom.apple.kext.triggers\t1.0\ncom.apple.iokit.IOAVBFamily\t1040.6\ncom.apple.plugin.IOGPTPlugin\t1040.3\ncom.apple.iokit.IOEthernetAVBController\t1.1.0\ncom.apple.driver.AppleHIDKeyboard\t228.2\ncom.apple.driver.AppleHSBluetoothDriver\t5450.8\ncom.apple.driver.IOBluetoothHIDDriver\t9.0.0\ncom.apple.driver.AppleActuatorDriver\t5450.14\ncom.apple.driver.AppleMultitouchDriver\t5450.14\ncom.apple.driver.AppleMesaSEPDiver\t100.99\ncom.apple.iokit.IOBiometricFamily\t1\ncom.apple.driver.usb.cdc.ecm\t5.0.0\ncom.apple.driver.usb.cdc.acm\t5.0.0\ncom.apple.driver.usb.serial\t6.0.0\ncom.apple.driver.usb.cdc\t5.0.0\ncom.apple.driver.AppleUSBAudio\t416.2\ncom.apple.iokit.IOAudioFamily\t340.2\ncom.apple.vendorLib.kext\t1.2.0\ncom.apple.driver.AppleSEPHDPCManager\t1.0.1\ncom.apple.driver.AppleTrustedAccessory\t1\ncom.apple.iokit.AppleSEPGenericTransfer\t1\ncom.apple.driver.DiskImages.KernelBacked\t493.0.0\ncom.apple.driver.AppleBTM\t1.0.1\ncom.apple.driver.AppleXsanScheme\t3\ncom.apple.driver.AppleConvergedIPCOLYBTControl\t1\ncom.apple.driver.AppleConvergedPCI\t1\ncom.apple.driver.AppleBluetoothDebug\t1\ncom.apple.driver.usb.networking\t5.0.0\ncom.apple.driver.AppleThunderboltUSBDownAdapter\t1.0.4\ncom.apple.driver.AppleThunderboltDPInAdapter\t8.5.1\ncom.apple.driver.AppleThunderboltDPAAdapterFamily\t8.5.1\ncom.apple.driver.AppleThunderboltPCIDownAdapter\t4.1.1\ncom.apple.nke.ppp\t1.9\ncom.apple.driver.AppleAOPAudio\t150.2\ncom.apple.driver.AppleBSDKextStarter\t3\ncom.apple.filesystems.hfs.encodings.kext\t1\ncom.apple.driver.AppleDCPDPTXProxy\t1.0.0\ncom.apple.driver.DCPDPFamilyProxy\t1\ncom.apple.iokit.IONVMFamily\t2.1.0\ncom.apple.driver.AppleDialogPMU\t1.0.1\ncom.apple.driver.AppleSPU\t1\ncom.apple.driver.AppleDiagnosticDataAccessReadOnly\t1.0.0\ncom.apple.driver.AppleNANDConfigAccess\t1.0.0\ncom.apple.driver.AppleStockholmControl\t1.0.0\ncom.apple.driver.AppleHPM\t3.4.4\ncom.apple.driver.AppleHIDTransportSPI\t5450.4\ncom.apple.driver.AppleHIDTransport\t5450.4\ncom.apple.driver.AppleInputDeviceSupport\t5450.4\ncom.apple.driver.AppleCSEmbeddedAudio\t550.3\ncom.apple.driver.AppleEmbeddedAudio\t550.3\ncom.apple.iokit.AppleARMIISAudio\t140.2\ncom.apple.AGXFirmwareKextG13GRTBuddy\t190.20\ncom.apple.AGXFirmwareKextRTBuddy64\t190.20\ncom.apple.driver.DCPAVFamilyProxy\t1\ncom.apple.driver.AppleSPMI\t1.0.1\ncom.apple.iokit.IOMobileGraphicsFamily-DCP\t343.0.0\ncom.apple.driver.AppleDCP\t1\ncom.apple.driver.AppleFirmwareKit\t1\ncom.apple.driver.ApplePassthroughPPM\t3.0\ncom.apple.driver.AppleSART\t1\ncom.apple.driver.AppleH13CameraInterface\t6.5.1\ncom.apple.driver.AppleH10PearlCameraInterface\t17.0.6\ncom.apple.driver.AppleH11ANEInterface\t5.65.2\ncom.apple.iogpufamily\t35.29\ncom.apple.driver.AppleUSBXDCIARM\t1.0\ncom.apple.driver.AppleUSBXDCI\t1.0\ncom.apple.iokit.IOSBDeviceFamily\t2.0.0\ncom.apple.driver.usb.AppleSynopsysUSBXHCI\t1\ncom.apple.driver.usb.AppleUSBXHCI\t1.2\ncom.apple.driver.AppleEmbeddedUSBHost\t1\ncom.apple.driver.usb.AppleUSBHub\t1.2\ncom.apple.driver.usb.AppleUSBHostCompositeDevice\t1.2\ncom.apple.driver.AppleT8103TypeCPhy\t1\ncom.apple.driver.ApplePMGR\t1\ncom.apple.driver.AppleARMWatchdogTimer\t1\ncom.apple.driver.usb.AppleUSBHostPacketFilter\t1.0\ncom.apple.driver.AppleDisplayCrossbar\t1.0.0\ncom.apple.iokit.IODisplayPortFamily\t1.0.0\ncom.apple.driver.AppleTypeCPhy\t1\ncom.apple.driver.AppleThunderboltNHI\t7.2.81\ncom.apple.driver.AppleT8103PCIEC\t1\ncom.apple.iokit.IOTThunderboltFamily\t9.3.3\ncom.apple.driver.ApplePIODMA\t1\ncom.apple.driver.AppleT8103PCIE\t1\ncom.apple.driver.AppleMultiFunctionManager\t1\ncom.apple.driver.AppleBluetoothDebugService\t1\ncom.apple.driver.AppleBCM 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Stackshot Succeeded ** Bytes Traced 594669 (Uncompressed 1553712) **\n\n")

NVRAM contents:

Source: [/usr/sbin/nvram -xp](#)
Size: 9 KB (8,987 bytes)
Last Modified: 8/7/22, 12:02 PM
Recent Contents: <?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE plist PUBLIC "-//Apple//DTD PLIST 1.0//EN" "http://www.apple.com/DTDs/PropertyList-1.0.dtd">
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<key>BluetoothUHEDevices</key>
<data>
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hr5T733mb2kCTAABAHDwhyHKNkAIAAAZAE1hcmSgSmVuc2Vv4oCZcyBLZXlib2FyZAAY


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|| {
||   "IOClass" = "AppleARMPE"
||   "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
||   "IOProviderClass" = "IOPlatformExpertDevice"
||   "IOProbeScore" = 0x3e8
||   "IONameMatch" = "AppleARM"
||   "IOMatchedAtBoot" = Yes
||   "IOMatchCategory" = "IODefaultMatchCategory"
||   "IOPlatformMaxBusDelay" = (0xfffffffffff,0x0)
||   "IONameMatched" = "AppleARM"
||   "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
||   "Platform Memory Ranges" = (0x0,0xffffffff)
||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
||   "IOFunctionParent00000001" = <>
|| }
||
|| +-o IOSystemStateNotification <class IOSystemStateNotification, id 0x10000022f, registered, matched, active, busy 0
(20 ms), retain 6>
|| {
|| }
||
|| +-o IOPMrootDomain <class IOPMrootDomain, id 0x100000230, registered, matched, active, busy 0 (1164 ms), retain
182>
|| {
||   "Wake Type" = "UserActivity Assertion"
||   "Supported Features" =
{"WakeByCalendarDate"=0x1f70007,"MaintenanceWakeCalendarDate"=0x1f80007,"SleepServiceWakeCalendarKey"=0x1f9
0007,"PowerByCalendarDate"=0x1fa0007,"PowerRelativeToShutdown"=0x1fc0007,"WakeOnMagicPacket"=0x1fd0005,"Wak
eRelativeToSleep"=0x1fb0007,"AdaptiveDimming"=0x1f60007,"Hibernation"=0x1f50007}
||   "DriverPMAssertionsDetailed" =
({ "Assertions"=0x1,"ModifiedTime"=0x0,"Owner"="AppleHPMARM","RegistryEntryID"=0x1000003b5,"CreatedTime"=0x0,"
Level"=0x0,"ID"=0x1f4},
{"Assertions"=0x1,"ModifiedTime"=0x0,"Owner"="AppleHPMARM","RegistryEntryID"=0x1000003b6,"CreatedTime"=0x62f
001ae0008e038,"Level"=0x0,"ID"=0x1f5},
{"Assertions"=0x20,"ModifiedTime"=0x62f001ae000a1d08,"Owner"="acio0","RegistryEntryID"=0x100000282,"CreatedTim
e"=0x62f001ae000a1ca8,"Level"=0x0,"ID"=0x1f6},
{"Assertions"=0x1,"ModifiedTime"=0x0,"Owner"="IOThunderboltControllerType$
||   "IOHibernateState" = <00000000>
||   "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x4,"CurrentPowerState"=0x4,"CapabilityFlags"=0x2,"MaxPowerState"=
0x4}
||   "Standby Enabled" = Yes
||   "IOPMSystemSleepType" = 0x7
||   "IOAppPowerStateInterest" = "IOCommand is not serializable"
||   "System Capabilities" = 0xf
||   "BootSessionUUID" = "0AE82AD1-6D01-4B68-86AB-57F5CEE34011"
||   "IOUserClientClass" = "RootDomainUserClient"
||   "Hibernate Mode" = 0x0
||   "AppleClamshellCausesSleep" = Yes
||   "AppleClamshellState" = No
||   "SleepDisabled" = No
||   "DestroyFVKeyOnStandby" = No
||   "SystemPowerProfileOverrideDict" = {}
||   "DriverPMAssertions" = 0x10c
||   "Hibernate File Min" = 0x40000000
||   "IOPMUsersActive" = Yes
||   "IOPriorityPowerStateInterest" = "IOCommand is not serializable"
||   "IOGeneralInterest" = "IOCommand is not serializable"
||   "IOSleepSupported" = Yes
|| }
||
|| +-o IORootParent <class IORootParent, id 0x100000231, !registered, !matched, active, busy 0, retain 7>
|| {
||   "IOPowerManagement" = {"WQ-CheckForWork"=0x16e2d,"WQ-
ScanEntries"=0x4b2,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"WQ-
QueueEmpty"=0x24,"DevicePowerState"=0x1,"WQ-
NoWorkDone"=0xf9,"ChildrenPowerState"=0x0,"CurrentPowerState"=0x1}
|| }
||
|| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000a3e, !registered, !matched, active, busy 0,
retain 5>
|| {
||   "IOUserClientCreator" = "pid 343, logd"
||   "IOUserClientDefaultLocking" = Yes
|| }
||
|| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000a40, !registered, !matched, active, busy 0,
retain 5>
|| {
||   "IOUserClientCreator" = "pid 386, opendirtyd"
||   "IOUserClientDefaultLocking" = Yes
|| }
||
|| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000a45, !registered, !matched, active, busy 0,
retain 5>
|| {
||   "IOUserClientCreator" = "pid 357, powerd"
||   "IOUserClientDefaultLocking" = Yes
|| }
||
|| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000a46, !registered, !matched, active, busy 0,
retain 5>
|| {
||   "IOUserClientCreator" = "pid 357, powerd"
||   "IOUserClientDefaultLocking" = Yes
|| }
||
|| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000a47, !registered, !matched, active, busy 0,
retain 5>
|| {
||   "IOUserClientCreator" = "pid 357, powerd"
||   "IOUserClientDefaultLocking" = Yes
|| }
||
|| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000a4c, !registered, !matched, active, busy 0,
retain 5>
|| {
||   "IOUserClientCreator" = "pid 385, thermalmonitord"

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    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000a4e, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 367, watchdogd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000a57, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 392, securityd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000a61, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 344, UserEventAgent"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000a7d, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 355, configd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000a7f, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 391, usbmuxd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000a83, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 457, biometrickitd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000a88, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 388, apsd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000b13, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 420, WindowServer"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000b14, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 420, WindowServer"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000b15, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 518, symptomsd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000b23, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 357, powerd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000b25, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 395, locationd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000b42, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 413, corebrightnessd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000b52, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 403, PerfPowerService"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +--o RootDomainUserClient <class RootDomainUserClient, id 0x100000b56, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 393, auditd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||

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||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000b68, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 423, loginwindow"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000bab, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 434, airportd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000bac, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 536, softwareupdated"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000bba, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 512, awdd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000be9, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 423, loginwindow"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000bea, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 423, loginwindow"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000bfa, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 629, com.apple.hiserv"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000bff, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 423, loginwindow"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000c02, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 420, WindowServer"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000c03, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 650, SystemUIServer"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000c07, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 622, CalendarAgent"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000c0e, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 651, Finder"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000c1a, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 641, Messages"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000c24, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 687, imagent"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000c25, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 682, donotdisturbd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+-o RootDomainUserClient <class RootDomainUserClient, id 0x100000c26, !registered, !matched, active, busy 0,
retain 5>
||| {
```

```

    ||| "IOUserClientCreator" = "pid 690, IMDPersistenceAg"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000c27, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 666, systemsoundserve"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000c28, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 612, CommCenter"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000c29, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 612, CommCenter"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000c2a, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 692, identityservices"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000c2b, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 612, CommCenter"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000c2c, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 694, callservicesd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000c37, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 639, Mail"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000c76, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 621, rapportd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000c93, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 649, ControlCenter"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000ca2, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 731, appleh13camerad"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000cb7, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 635, diagnosticextens"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000cb8, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 613, ScreenTimeAgent"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000ccd, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 707, sharingd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000cd0, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 707, sharingd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    || +o RootDomainUserClient <class RootDomainUserClient, id 0x100000cd3, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 707, sharingd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }

```



```
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000ce7, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 734, homed"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000ce9, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 736, assistantd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000d45, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 655, CalNCService"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000d46, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 655, CalNCService"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000d4b, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 760, UVCAssistant"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000d4e, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 763, fmfid"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000d52, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 667, itunescloudd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000d5e, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 729, AvatarPickerMemo"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000d6b, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 734, homed"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000d6e, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 642, accountsd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000da5, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 795, remindd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000da6, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 614, cloudpaired"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000daf, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 813, nfcid"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000dba, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 658, netbiosd"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000dd0, !registered, !matched, active, busy 0,
retain 5>
||| {
||| "IOUserClientCreator" = "pid 856, systemstats"
||| "IOUserClientDefaultLocking" = Yes
||| }
|||
||+o RootDomainUserClient <class RootDomainUserClient, id 0x100000dda, !registered, !matched, active, busy 0,
retain 5>
```

```
    ||| {
    ||| "IOUserClientCreator" = "pid 626, Google Chrome"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000e34, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 905, AirPlayUIAgent"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000e36, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 886, corespeechd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000e77, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 888, AntivirusforMac"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000e79, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 957, laclient"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000e97, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 912, amsaccountsd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000e98, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 894, LogiMgrDaemon"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000e99, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 894, LogiMgrDaemon"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000e9b, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 908, Creative Cloud"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000e9c, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 970, cupsd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000eb5, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 403, PerfPowerService"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000ec1, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 941, BDCoreIssues"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000ec3, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 930, Bitdefender VPN"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000ec7, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 910, diagnostics_agen"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000ece, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 941, BDCoreIssues"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000ed6, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 988, Adobe Desktop Se"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
```

```
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000eef, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 1046, Core Sync"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000f6e, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 1087, com.apple.speech"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000f7a, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 640, Notes"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000f7b, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 640, Notes"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000f7c, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 1115, com.apple.WebKit"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000f88, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 1224, appleaccountd"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000fc7, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 639, Mail"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100000fce, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 1246, com.apple.WebKit"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100001018, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 1296, EndpointAgentDae"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100001108, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 1389, AMPLibraryAgent"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x100001153, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 409, bluetoothd"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x1000011c4, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 1420, UniversalControl"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x1000011d8, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 1471, passd"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x1000011d9, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 1047, com.apple.WebKit"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x1000011da, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    |||   "IOUserClientCreator" = "pid 993, com.apple.WebKit"
    |||   "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||| +-o RootDomainUserClient <class RootDomainUserClient, id 0x1000011de, !registered, !matched, active, busy 0,
```

```

retain 5>
| | | {
| | | "IOUserClientCreator" = "pid 1480, seld"
| | | "IOUserClientDefaultLocking" = Yes
| | | }
| | |
| | | +-o RootDomainUserClient <class RootDomainUserClient, id 0x100001289, !registered, !matched, active, busy 0,
retain 5>
| | | {
| | | "IOUserClientCreator" = "pid 651, Finder"
| | | "IOUserClientDefaultLocking" = Yes
| | | }
| | |
| | | +-o RootDomainUserClient <class RootDomainUserClient, id 0x100001352, !registered, !matched, active, busy 0,
retain 5>
| | | {
| | | "IOUserClientCreator" = "pid 888, AntivirusforMac"
| | | "IOUserClientDefaultLocking" = Yes
| | | }
| | |
| | | +-o RootDomainUserClient <class RootDomainUserClient, id 0x1000013ca, !registered, !matched, active, busy 0,
retain 5>
| | | {
| | | "IOUserClientCreator" = "pid 626, Google Chrome"
| | | "IOUserClientDefaultLocking" = Yes
| | | }
| | |
| | | +-o cpu0@0 <class IOPlatformDevice, id 0x100000111, registered, matched, active, busy 0 (261 ms), retain 7>
| | | {
| | | "fixed-frequency" = <00366e0100000000>
| | | "logical-cluster-id" = 0x0
| | | "coresight-reg" = <00000110020000000000040000000000>
| | | "clock-frequency" = <00366e01>
| | | "state" = <72756e6e696e6700>
| | | "l2-cache-size" = <00004000>
| | | "interrupt-parent" = <70000000>
| | | "function-error_handler" = <210000004872724500000000>
| | | "interrupts" = <46000000>
| | | "timebase-frequency" = <00366e01>
| | | "logical-cpu-id" = 0x0
| | | "cpu-impl-reg" = <00000510020000000000010000000000>
| | | "function-enable_core" = <8700000065726f4301000000>
| | | "cluster-id" = <00000000>
| | | "l2-cache-id" = <00000000>
| | | "IOInterruptControllers" = ("IOInterruptController00000070")
| | | "memory-frequency" = <00366e0100000000>
| | | "cpm-impl-reg" = <0000e410020000000000010000000000>
| | | "cpu-uttdbg-reg" = <00000410020000000000010000000000>
| | | "peripheral-frequency" = <00366e0100000000>
| | | "AAPL,phandle" = <12000000>
| | | "cpu-id" = <00000000>
| | | "name" = <6370753000>
| | | "cluster-type" = <4500>
| | | "no-aic-ipi-required" = <>
| | | "device_type" = <63707500>
| | | "compatible" = <6170706c652c69636573746f726d0041524d2c763800>
| | | "reg-private" = <0000011002000000>
| | | "reg" = <00000000>
| | | "acc-impl-reg" = <0000f010020000000000050000000000>
| | | "bus-frequency" = <00366e01>
| | | "function-cpu_idle" = <8700000049757063>
| | | "IOInterruptSpecifiers" = (<46000000>)
| | | }
| | |
| | | +-o AppleARMCPU <class AppleARMCPU, id 0x100000256, registered, matched, active, busy 0 (2 ms), retain 7>
| | | {
| | | | "IOClass" = "AppleARMCPU"
| | | | "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
| | | | "IOProviderClass" = "IOPlatformDevice"
| | | | "IOProbeScore" = 0x64
| | | | "IONameMatch" = "cpu"
| | | | "IOMatchedAtBoot" = Yes
| | | | "IOMatchCategory" = "IODefaultMatchCategory"
| | | | "IOCPUID" = 0x100000256
| | | | "IONameMatched" = "cpu"
| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
| | | | "IOCPUState" = "Running"
| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
| | | | "IOCPUNumber" = 0x0
| | | }
| | |
| | | +-o IOCPUIInterruptController <class IOCPUIInterruptController, id 0x10000029c, registered, matched, active, busy 0
(0 ms), retain 7>
| | | {
| | | | "IOPlatformInterruptController" = Yes
| | | }
| | |
| | | +-o cpu1@1 <class IOPlatformDevice, id 0x100000112, registered, matched, active, busy 0 (268 ms), retain 7>
| | | {
| | | "cluster-type" = <4500>
| | | "IOInterruptSpecifiers" = (<49000000>)
| | | "AAPL,phandle" = <13000000>
| | | "cpu-id" = <01000000>
| | | "bus-frequency" = <00366e01>
| | | "acc-impl-reg" = <0000f010020000000000050000000000>
| | | "logical-cluster-id" = 0x0
| | | "IOInterruptControllers" = ("IOInterruptController00000070")
| | | "no-aic-ipi-required" = <>
| | | "l2-cache-size" = <00004000>
| | | "function-error_handler" = <210000004872724501000000>
| | | "cpu-uttdbg-reg" = <00001410020000000000010000000000>
| | | "interrupt-parent" = <70000000>
| | | "name" = <6370753100>
| | | "l2-cache-id" = <00000000>
| | | "compatible" = <6170706c652c69636573746f726d0041524d2c763800>
| | | "interrupts" = <49000000>
| | | "reg-private" = <0000111002000000>
| | | "state" = <77616974696e6700>

```

```
||| "function-enable_core" = <8700000065726f4302000000>
||| "cluster-id" = <00000000>
||| "clock-frequency" = <00366e01>
||| "cpu-impl-reg" = <0000151002000000000010000000000>
||| "timebase-frequency" = <00366e01>
||| "function-cpu_idle" = <8700000049757063>
||| "coresight-reg" = <0000111002000000000040000000000>
||| "device_type" = <63707500>
||| "logical-cpu-id" = 0x1
||| "reg" = <01000000>
||| "cpm-impl-reg" = <0000e41002000000000010000000000>
||| }
|||
||| +-o AppleARMCPU <class AppleARMCPU, id 0x100000260, registered, matched, active, busy 0 (0 ms), retain 6>
||| {
|||   "IOClass" = "AppleARMCPU"
|||   "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
|||   "IOProviderClass" = "IOPlatformDevice"
|||   "IOProbeScore" = 0x64
|||   "IONameMatch" = "cpu"
|||   "IOMatchedAtBoot" = Yes
|||   "IOMatchCategory" = "IODefaultMatchCategory"
|||   "IOCPUID" = 0x100000260
|||   "IONameMatched" = "cpu"
|||   "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
|||   "IOCPUState" = "Running"
|||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
|||   "IOCPUNumber" = 0x1
||| }
|||
||| +-o cpu2@2 <class IOPlatformDevice, id 0x100000113, registered, matched, active, busy 0 (269 ms), retain 7>
||| {
|||   "cluster-type" = <4500>
|||   "IOInterruptSpecifiers" = (<4c000000>)
|||   "AAPL,phandle" = <14000000>
|||   "cpu-id" = <02000000>
|||   "bus-frequency" = <00366e01>
|||   "acc-impl-reg" = <0000f01002000000000050000000000>
|||   "logical-cluster-id" = 0x0
|||   "IOInterruptControllers" = ("IOInterruptController00000070")
|||   "no-aic-ipi-required" = <>
|||   "l2-cache-size" = <00004000>
|||   "function-error_handler" = <210000004872724502000000>
|||   "cpu-uttdbg-reg" = <0000241002000000000010000000000>
|||   "interrupt-parent" = <70000000>
|||   "name" = <6370753200>
|||   "l2-cache-id" = <00000000>
|||   "compatible" = <6170706c652c69636573746f726d0041524d2c763800>
|||   "interrupts" = <4c000000>
|||   "reg-private" = <0000211002000000>
|||   "state" = <77616974696e6700>
|||   "function-enable_core" = <8700000065726f4304000000>
|||   "cluster-id" = <00000000>
|||   "clock-frequency" = <00366e01>
|||   "cpu-impl-reg" = <0000251002000000000010000000000>
|||   "timebase-frequency" = <00366e01>
|||   "function-cpu_idle" = <8700000049757063>
|||   "coresight-reg" = <0000211002000000000040000000000>
|||   "device_type" = <63707500>
|||   "logical-cpu-id" = 0x2
|||   "reg" = <02000000>
|||   "cpm-impl-reg" = <0000e41002000000000010000000000>
||| }
|||
||| +-o AppleARMCPU <class AppleARMCPU, id 0x10000025e, registered, matched, active, busy 0 (0 ms), retain 6>
||| {
|||   "IOClass" = "AppleARMCPU"
|||   "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
|||   "IOProviderClass" = "IOPlatformDevice"
|||   "IOProbeScore" = 0x64
|||   "IONameMatch" = "cpu"
|||   "IOMatchedAtBoot" = Yes
|||   "IOMatchCategory" = "IODefaultMatchCategory"
|||   "IOCPUID" = 0x10000025e
|||   "IONameMatched" = "cpu"
|||   "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
|||   "IOCPUState" = "Running"
|||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
|||   "IOCPUNumber" = 0x2
||| }
|||
||| +-o cpu3@3 <class IOPlatformDevice, id 0x100000114, registered, matched, active, busy 0 (268 ms), retain 7>
||| {
|||   "cluster-type" = <4500>
|||   "IOInterruptSpecifiers" = (<4f000000>)
|||   "AAPL,phandle" = <15000000>
|||   "cpu-id" = <03000000>
|||   "bus-frequency" = <00366e01>
|||   "acc-impl-reg" = <0000f01002000000000050000000000>
|||   "logical-cluster-id" = 0x0
|||   "IOInterruptControllers" = ("IOInterruptController00000070")
|||   "no-aic-ipi-required" = <>
|||   "l2-cache-size" = <00004000>
|||   "function-error_handler" = <210000004872724503000000>
|||   "cpu-uttdbg-reg" = <0000341002000000000010000000000>
|||   "interrupt-parent" = <70000000>
|||   "name" = <6370753300>
|||   "l2-cache-id" = <00000000>
|||   "compatible" = <6170706c652c69636573746f726d0041524d2c763800>
|||   "interrupts" = <4f000000>
|||   "reg-private" = <0000311002000000>
|||   "state" = <77616974696e6700>
|||   "function-enable_core" = <8700000065726f4308000000>
|||   "cluster-id" = <00000000>
|||   "clock-frequency" = <00366e01>
|||   "cpu-impl-reg" = <0000351002000000000010000000000>
|||   "timebase-frequency" = <00366e01>
|||   "function-cpu_idle" = <8700000049757063>
```

```
||| "coresight-reg" = <000031100200000000004000000000>
||| "device_type" = <63707500>
||| "logical-cpu-id" = 0x3
||| "reg" = <03000000>
||| "cpm-impl-reg" = <0000e4100200000000001000000000>
||| }
|||
||| +-o AppleARMCPU <class AppleARMCPU, id 0x10000025b, registered, matched, active, busy 0 (1 ms), retain 6>
||| {
|||   "IOClass" = "AppleARMCPU"
|||   "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
|||   "IOProviderClass" = "IOPlatformDevice"
|||   "IOProbeScore" = 0x64
|||   "IONameMatch" = "cpu"
|||   "IOMatchedAtBoot" = Yes
|||   "IOMatchCategory" = "IODefaultMatchCategory"
|||   "IOCPUID" = 0x10000025b
|||   "IONameMatched" = "cpu"
|||   "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
|||   "IOCPUState" = "Running"
|||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
|||   "IOCPUNumber" = 0x3
||| }
|||
||| +-o cpu4@100 <class IOPlatformDevice, id 0x100000115, registered, matched, active, busy 0 (266 ms), retain 7>
||| {
|||   "cluster-type" = <5000>
|||   "IOInterruptSpecifiers" = (<63000000>)
|||   "AAPL,phandle" = <16000000>
|||   "cpu-id" = <04000000>
|||   "bus-frequency" = <00366e01>
|||   "acc-impl-reg" = <0000f0110200000000005000000000>
|||   "logical-cluster-id" = 0x1
|||   "IOInterruptControllers" = ("IOInterruptController00000070")
|||   "no-aic-ipi-required" = <>
|||   "l2-cache-size" = <00008000>
|||   "function-error_handler" = <210000004872724504000000>
|||   "cpu-uttdbg-reg" = <000004110200000000001000000000>
|||   "interrupt-parent" = <70000000>
|||   "name" = <6370753400>
|||   "l2-cache-id" = <00000000>
|||   "compatible" = <6170706c652c6669726573746f726d0041524d2c763800>
|||   "interrupts" = <63000000>
|||   "reg-private" = <0000011102000000>
|||   "state" = <77616974696e6700>
|||   "function-enable_core" = <8700000065726f4310000000>
|||   "cluster-id" = <01000000>
|||   "clock-frequency" = <00366e01>
|||   "cpu-impl-reg" = <000005110200000000001000000000>
|||   "timebase-frequency" = <00366e01>
|||   "function-cpu_idle" = <8700000049757063>
|||   "coresight-reg" = <000001110200000000004000000000>
|||   "device_type" = <63707500>
|||   "logical-cpu-id" = 0x4
|||   "reg" = <00010000>
|||   "cpm-impl-reg" = <0000e4110200000000001000000000>
||| }
|||
||| +-o AppleARMCPU <class AppleARMCPU, id 0x10000025a, registered, matched, active, busy 0 (0 ms), retain 6>
||| {
|||   "IOClass" = "AppleARMCPU"
|||   "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
|||   "IOProviderClass" = "IOPlatformDevice"
|||   "IOProbeScore" = 0x64
|||   "IONameMatch" = "cpu"
|||   "IOMatchedAtBoot" = Yes
|||   "IOMatchCategory" = "IODefaultMatchCategory"
|||   "IOCPUID" = 0x10000025a
|||   "IONameMatched" = "cpu"
|||   "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
|||   "IOCPUState" = "Running"
|||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
|||   "IOCPUNumber" = 0x4
||| }
|||
||| +-o cpu5@101 <class IOPlatformDevice, id 0x100000116, registered, matched, active, busy 0 (264 ms), retain 7>
||| {
|||   "cluster-type" = <5000>
|||   "IOInterruptSpecifiers" = (<66000000>)
|||   "AAPL,phandle" = <17000000>
|||   "cpu-id" = <05000000>
|||   "bus-frequency" = <00366e01>
|||   "acc-impl-reg" = <0000f0110200000000005000000000>
|||   "logical-cluster-id" = 0x1
|||   "IOInterruptControllers" = ("IOInterruptController00000070")
|||   "no-aic-ipi-required" = <>
|||   "l2-cache-size" = <00008000>
|||   "function-error_handler" = <210000004872724505000000>
|||   "cpu-uttdbg-reg" = <000014110200000000001000000000>
|||   "interrupt-parent" = <70000000>
|||   "name" = <6370753500>
|||   "l2-cache-id" = <00000000>
|||   "compatible" = <6170706c652c6669726573746f726d0041524d2c763800>
|||   "interrupts" = <66000000>
|||   "reg-private" = <0000111102000000>
|||   "state" = <77616974696e6700>
|||   "function-enable_core" = <8700000065726f4320000000>
|||   "cluster-id" = <01000000>
|||   "clock-frequency" = <00366e01>
|||   "cpu-impl-reg" = <000015110200000000001000000000>
|||   "timebase-frequency" = <00366e01>
|||   "function-cpu_idle" = <8700000049757063>
|||   "coresight-reg" = <000011110200000000004000000000>
|||   "device_type" = <63707500>
|||   "logical-cpu-id" = 0x5
|||   "reg" = <01010000>
|||   "cpm-impl-reg" = <0000e4110200000000001000000000>
||| }
```

```
|||
|| +--o AppleARMCPU <class AppleARMCPU, id 0x100000258, registered, matched, active, busy 0 (0 ms), retain 6>
|| {
||   "IOClass" = "AppleARMCPU"
||   "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
||   "IOProviderClass" = "IOPlatformDevice"
||   "IOProbeScore" = 0x64
||   "IONameMatch" = "cpu"
||   "IOMatchedAtBoot" = Yes
||   "IOMatchCategory" = "IODefaultMatchCategory"
||   "IOCPUID" = 0x100000258
||   "IONameMatched" = "cpu"
||   "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
||   "IOCPUState" = "Running"
||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
||   "IOCPUNumber" = 0x5
|| }
||
|| +--o cpu6@102 <class IOPlatformDevice, id 0x100000117, registered, matched, active, busy 0 (263 ms), retain 7>
|| {
||   "cluster-type" = <5000>
||   "IOInterruptSpecifiers" = (<69000000>)
||   "AAPL,phandle" = <18000000>
||   "cpu-id" = <06000000>
||   "bus-frequency" = <00366e01>
||   "acc-impl-reg" = <0000f01102000000000000500000000000>
||   "logical-cluster-id" = 0x1
||   "IOInterruptControllers" = ("IOInterruptController00000070")
||   "no-aic-ipi-required" = <>
||   "l2-cache-size" = <00008000>
||   "function-error_handler" = <210000004872724506000000>
||   "cpu-uttdbg-reg" = <00002411020000000000010000000000>
||   "interrupt-parent" = <70000000>
||   "name" = <6370753600>
||   "l2-cache-id" = <00000000>
||   "compatible" = <6170706c652c6669726573746f726d0041524d2c763800>
||   "interrupts" = <69000000>
||   "reg-private" = <0000211102000000>
||   "state" = <77616974696e6700>
||   "function-enable_core" = <8700000065726f4340000000>
||   "cluster-id" = <01000000>
||   "clock-frequency" = <00366e01>
||   "cpu-impl-reg" = <00002511020000000000010000000000>
||   "timebase-frequency" = <00366e01>
||   "function-cpu_idle" = <8700000049757063>
||   "coresight-reg" = <00002111020000000000040000000000>
||   "device_type" = <63707500>
||   "logical-cpu-id" = 0x6
||   "reg" = <02010000>
||   "cpm-impl-reg" = <0000e411020000000000010000000000>
|| }
||
|| +--o AppleARMCPU <class AppleARMCPU, id 0x100000257, registered, matched, active, busy 0 (0 ms), retain 6>
|| {
||   "IOClass" = "AppleARMCPU"
||   "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
||   "IOProviderClass" = "IOPlatformDevice"
||   "IOProbeScore" = 0x64
||   "IONameMatch" = "cpu"
||   "IOMatchedAtBoot" = Yes
||   "IOMatchCategory" = "IODefaultMatchCategory"
||   "IOCPUID" = 0x100000257
||   "IONameMatched" = "cpu"
||   "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
||   "IOCPUState" = "Running"
||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
||   "IOCPUNumber" = 0x6
|| }
||
|| +--o cpu7@103 <class IOPlatformDevice, id 0x100000118, registered, matched, active, busy 0 (265 ms), retain 7>
|| {
||   "cluster-type" = <5000>
||   "IOInterruptSpecifiers" = (<6c000000>)
||   "AAPL,phandle" = <19000000>
||   "cpu-id" = <07000000>
||   "bus-frequency" = <00366e01>
||   "acc-impl-reg" = <0000f01102000000000000500000000000>
||   "logical-cluster-id" = 0x1
||   "IOInterruptControllers" = ("IOInterruptController00000070")
||   "no-aic-ipi-required" = <>
||   "l2-cache-size" = <00008000>
||   "function-error_handler" = <210000004872724507000000>
||   "cpu-uttdbg-reg" = <00003411020000000000010000000000>
||   "interrupt-parent" = <70000000>
||   "name" = <6370753700>
||   "l2-cache-id" = <00000000>
||   "compatible" = <6170706c652c6669726573746f726d0041524d2c763800>
||   "interrupts" = <6c000000>
||   "reg-private" = <0000311102000000>
||   "state" = <77616974696e6700>
||   "function-enable_core" = <8700000065726f4380000000>
||   "cluster-id" = <01000000>
||   "clock-frequency" = <00366e01>
||   "cpu-impl-reg" = <00003511020000000000010000000000>
||   "timebase-frequency" = <00366e01>
||   "function-cpu_idle" = <8700000049757063>
||   "coresight-reg" = <00003111020000000000040000000000>
||   "device_type" = <63707500>
||   "logical-cpu-id" = 0x7
||   "reg" = <03010000>
||   "cpm-impl-reg" = <0000e411020000000000010000000000>
|| }
||
|| +--o AppleARMCPU <class AppleARMCPU, id 0x100000259, registered, matched, active, busy 0 (0 ms), retain 6>
|| {
||   "IOClass" = "AppleARMCPU"
||   "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
||   "IOProviderClass" = "IOPlatformDevice"
```

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|| "IOProbeScore" = 0x64
|| "IONameMatch" = "cpu"
|| "IOMatchedAtBoot" = Yes
|| "IOMatchCategory" = "IODefaultMatchCategory"
|| "IOCPUID" = 0x100000259
|| "IONameMatched" = "cpu"
|| "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
|| "IOCPUState" = "Running"
|| "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
|| "IOCPUNumber" = 0x7
|| }
||
||
||+o cpus <class IOPlatformDevice, id 0x100000110, registered, matched, active, busy 0 (20 ms), retain 14>
|| {
|| "max_cpus" = <08000000>
|| "p-core-count" = <04000000>
|| "e-core-count" = <04000000>
|| "#address-cells" = <01000000>
|| "#size-cells" = <00000000>
|| "name" = <6370757300>
|| "AAPL,phandle" = <11000000>
|| }
||
||
||+o pram@D9AB8000 <class IOPlatformDevice, id 0x10000011b, registered, matched, active, busy 0 (22 ms), retain
6>
|| {
|| "IODeviceMemory" = (({"address"=0xbd9ab8000,"length"=0x18800}))
|| "reg" = <0080abd90b0000000080180000000000>
|| "name" = <7072616d00>
|| "AAPL,phandle" = <1c000000>
|| "device_type" = <7072616d00>
|| }
||
||
||+o vram@D5828000 <class IOPlatformDevice, id 0x10000011c, registered, matched, active, busy 0 (22 ms), retain
7>
|| {
|| "IODeviceMemory" = (({"address"=0xbd5828000,"length"=0x2d5c000}))
|| "reg" = <008082d50b00000000c0d50200000000>
|| "name" = <7672616d00>
|| "AAPL,phandle" = <1d000000>
|| "device_type" = <7672616d00>
|| }
||
||
||+o socd-trace-ram@3FE5F014 <class IOPlatformDevice, id 0x10000011d, registered, matched, active, busy 0 (22
ms), retain 6>
|| {
|| "IODeviceMemory" = (({"address"=0x23fe5f014,"length"=0x31c}))
|| "reg" = <14f0e53f020000001c03000000000000>
|| "name" = <736f63642d74726163652d72616d00>
|| "AAPL,phandle" = <1e000000>
|| "device_type" = <736f63642d74726163652d72616d00>
|| }
||
||
||+o hibernate@1 <class IOPlatformDevice, id 0x10000011e, registered, matched, active, busy 0 (22 ms), retain 6>
|| {
|| "IODeviceMemory" = ()
|| "reg" = <0100000000002000010000000000000019000000003062000ac01000000000000>
|| "name" = <68696265726e61746500>
|| "AAPL,phandle" = <1f000000>
|| "device_type" = <68696265726e61746500>
|| }
||
||
||+o amfm <class IOPlatformDevice, id 0x10000011f, registered, matched, active, busy 0 (454 ms), retain 7>
|| {
|| "default-options" = <04000000>
|| "function-reg_on" = <a400000034574b706430506700008000>
|| "function-pcie_port_control" = <4b000000437472504c000000>
|| "name" = <616d666d00>
|| "AAPL,phandle" = <20000000>
|| "device_type" = <616d666d00>
|| }
||
||
||+o AppleMultiFunctionManager <class AppleMultiFunctionManager, id 0x100000294, registered, matched, active,
busy 0 (1 ms), retain 8>
|| {
|| "IOClass" = "AppleMultiFunctionManager"
|| "CFBundleIdentifier" = "com.apple.driver.AppleMultiFunctionManager"
|| "IOProviderClass" = "IOPlatformDevice"
|| "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8002,"MaxPowerState"=0x1,"DriverPowerState"=
0x0}
|| "forceProbeOnLinkdown" = Yes
|| "manual_s2r_port_ctrl" = Yes
|| "IONameMatch" = "amfm"
|| "valid_clients" =
("AppleBCM WLANPortInterfacePCIe","AppleOLYHALPortInterfacePCIe","AppleOLYHALPortInterfacePCIeV3","IOService")
|| "IOMatchCategory" = "AppleMultiFunctionManager"
|| "IOProbeScore" = 0x0
|| "IOMatchedAtBoot" = Yes
|| "IOGeneralInterest" = "IOCommand is not serializable"
|| "LoggingBundleName" = "com.apple.driver.AppleMultiFunctionManager"
|| "IONameMatched" = "amfm"
|| "IOPersonalityPublisher" = "com.apple.driver.AppleMultiFunctionManager"
|| "constants" = {"wlan_reg_on_on_delay"=0x78,"wlan_reg_on_off_delay"=0x78}
|| "CFBundleIdentifierKernel" = "com.apple.driver.AppleMultiFunctionManager"
|| }
||
||
||+o arm-io@10F00000 <class IOPlatformDevice, id 0x100000120, registered, matched, active, busy 0 (32492 ms),
retain 145>
|| {
|| "iommu-present" = <>
|| "AAPL,phandle" = <21000000>
|| "#address-cells" = <02000000>
|| "IODeviceMemory" = (({"address"=0x210f00000,"length"=0x2000}),{"address"=0x211f00000,"length"=0x2000}),
{"address"=0x210050000,"length"=0x2000}),{"address"=0x210150000,"length"=0x2000}),
{"address"=0x210250000,"length"=0x2000}),{"address"=0x210350000,"length"=0x2000}),
{"address"=0x211050000,"length"=0x2000}),{"address"=0x211150000,"length"=0x2000}),
{"address"=0x211250000,"length"=0x2000}),{"address"=0x211350000,"length"=0x2000})

```



```
(0x57524f4e4743d44,0x101080001,"CommandMismatch"),IOReportChannelInfo={IOReportChannelUnit=0x0,IOReportSubGroupName="ProtocolZ2FailureCounts"}
|| | | }
|| | | }
|| | | +-o grape <class AppleHIDTransportInterface, id 0x100000870, registered, matched, active, busy 0 (1313 ms), retain 9>
|| | | | {
|| | | | "HIDDescriptor" = <050d0904a101150026ff0075089690078102c0>
|| | | | "bInterfaceNumber" = 0x0
|| | | | "LocationId" = 0x23
|| | | | "IOUserClientClass" = "AppleHIDTransportInterfaceUserClient"
|| | | | "InterfaceName" = "grape"
|| | | | "InterfaceType" = "HID"
|| | | | }
|| | | +-o AppleHIDTransportHIDDevice <class AppleHIDTransportHIDDevice, id 0x100000871, registered, matched, active, busy 0 (1313 ms), retain 8>
|| | | | {
|| | | | "IOClass" = "AppleHIDTransportHIDDevice"
|| | | | "Transport" = "SPI"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleHIDTransport"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "MaxInputReportSize" = 0x790
|| | | | "IOProviderClass" = "AppleHIDTransportInterface"
|| | | | "Manufacturer" = "Apple"
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xd,"DeviceUsage"=0x4})
|| | | | "IOProbeScore" = 0x0
|| | | | "ReportDescriptor" = <050d0904a101150026ff0075089690078102c0>
|| | | | "MaxOutputReportSize" = 0x0
|| | | | "IOUserClientClass" = "IOHIDLibUserClient"
|| | | | "IOPropertyMatch" = {"InterfaceType"="HID"}
|| | | | "IOCFPlugInTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin",
"40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin",
"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDTransport"
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleHIDTransport"
|| | | | "PrimaryUsage" = 0x4
|| | | | "LocationID" = 0x23
|| | | | "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"UsagePage"=0xd,"Usage"=0x4},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x0,"Max"=0x0,"IsArray"=Yes,"Type"=0x5,"Size"=0x0,"Min"=0x0,"Flags"=0x0,"ReportID"=0x0,"Usage"=0xffffffffff,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x0,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x0,"ElementCookie"=0x3},{"VariableSize"=0x0,"UnitExponent"=0x0,"ModelNumber" = "MacBookPro17,1"
|| | | | | "ReportInterval" = 0x1f40
|| | | | | "PrimaryUsagePage" = 0xd
|| | | | | "MaxFeatureReportSize" = 0x0
|| | | | | "InputReportElements" =
({"ReportID"=0x0,"ElementCookie"=0x4,"Size"=0x3c80,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,"ReportSize"=0x3c80,"Usage"=0x0})
|| | | | }
|| | | +-o IOHIDInterface <class IOHIDInterface, id 0x100000873, registered, matched, active, busy 0 (1313 ms), retain 8>
|| | | | {
|| | | | "MaxOutputReportSize" = 0x0
|| | | | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
|| | | | "IOServiceDXTentitlements" = ("com.apple.developer.driverkit.transport.hid")
|| | | | "PrimaryUsage" = 0x4
|| | | | "LocationID" = 0x23
|| | | | "IODEXMatchCount" = 0x1
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xd,"DeviceUsage"=0x4})
|| | | | "ModelNumber" = "MacBookPro17,1"
|| | | | "Transport" = "SPI"
|| | | | "ReportInterval" = 0x1f40
|| | | | "ReportDescriptor" = <050d0904a101150026ff0075089690078102c0>
|| | | | "Manufacturer" = "Apple"
|| | | | "PrimaryUsagePage" = 0xd
|| | | | "MaxFeatureReportSize" = 0x0
|| | | | "MaxInputReportSize" = 0x790
|| | | | }
|| | | +-o AppleMultitouchHIDService <class AppleMultitouchHIDService, id 0x100000874, !registered, !matched, active, busy 0 (1020 ms), retain 7>
|| | | | {
|| | | | "DefaultMultitouchProperties" = {"MT Built-In"=Yes,"parser-options"=0x10,"parser-type"=0x1,"HIDServiceSupport"=Yes,"IOCFPlugInTypes"={"0516B563-B15B-11DA-96EB-0014519758EF"="AppleMultitouchDriver.kext/Contents/Plugins/MultitouchHID.plugin"}}
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleMultitouchDriver"
|| | | | "IOProviderClass" = "IOHIDInterface"
|| | | | "IOClass" = "AppleMultitouchHIDService"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleMultitouchDriver"
|| | | | "Manufacturer" = "Apple"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMultitouchDriver"
|| | | | "IOProbeScore" = 0x4b0
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xd,"DeviceUsage"=0x4})
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | }
|| | | +-o AppleMultitouchDevice <class AppleMultitouchDevice, id 0x100000876, registered, matched, active, busy 0 (1051 ms), retain 8>
|| | | | {
|| | | | "parser-type" = 0x1
|| | | | "Transport" = "SPI"
|| | | | "Sensor Surface Height" = 0x32a
|| | | | "touch-size-id" = 0x4
|| | | | "PowerControlSupported" = Yes
|| | | | "Sensor Columns" = 0x3c
|| | | | "Sensor Region Descriptor" = <0101000201003c00>
|| | | | "IOReportLegendPublic" = Yes
|| | | | "Sensor Surface Descriptor" = <ac5a00002a030000a9ffa4ff055af301>
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xd,"DeviceUsage"=0x4})
|| | | | "Sensor Surface Width" = 0x5aac
```



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    | | | | "mesaType" = <01000000>
    | | | | "power-off-delay" = <0a000000>
    | | | | "scan-timer-reset-time" = <99990000>
    | | | | "IOInterruptControllers" = ("IOInterruptController0000077")
    | | | | "name" = <6d65736100>
    | | | | "interrupt-parent" = <77000000>
    | | | | "MesaSelfTest" = "OK"
    | | | | "compatible" = <62696f73656e736f722c6d65736100>
    | | | | "interrupts" = <6800000003000000>
    | | | | "function-hid_event_dispatch" = <1c01000044747542>
    | | | | "max-scan-time" = <33330100>
    | | | | "spi-frequency" = <00127a00>
    | | | | "device_type" = <6d65736100>
    | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)" ),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)" ),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IO$
    | | | | "reg" = <00000000f4010000000101080000000014000000000000000000000000000000>
    | | | | "function-mesa_pwr" = <770000004f4950476c00000001010000>
    | | | | }
    | | | | }
    | | | | }
    | | | | +-o AppleSandDollar <class AppleSandDollar, id 0x100000554, registered, matched, active, busy 0 (1010 ms),
retain 10>
    | | | | {
    | | | | | "IOClass" = "AppleSandDollar"
    | | | | | "IOFunctionParent00000025" = <>
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleBiometricSensor"
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "IOReportLegendPublic" = Yes
    | | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
    | | | | | "IOProviderClass" = "AppleARMSPIDevice"
    | | | | | "mesaType" = 0x2
    | | | | | "spi-freq" = 0x7a1200
    | | | | | "IOProbeScore" = 0x64
    | | | | | "IOUserClientClass" = "AppleMesaUserClient"
    | | | | | "SensorID" = 0x3352
    | | | | | "IONameMatch" = ("biosensor,mesa")
    | | | | | "IOCFPluginTypes" = {"3F3B04CC-A07A-46A5-9DDF-78768C966771"="AppleBiometricSensor.kext/
Contents/PlugIns/ApplesMesaLib.plugin"}
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleBiometricSensor"
    | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleBiometricSensor"
    | | | | | "spi-clock-phase" = 0x3
    | | | | | "IONameMatched" = "biosensor,mesa"
    | | | | | "mesa-state" = 0x85
    | | | | | "SerialNumber" = <0217301c1061a32f796cf436050200cf>
    | | | | | "patch-version" = 0x16
    | | | | | "IOReportLegend" =
    | | | | | ({"IOReportGroupName"="Mesa","IOReportChannels"=(0x5053544154450000,0x400020002,"Power
State"),"IOReportChannelInfo"={{"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="Mesa Power
State"},{"IOReportGroupName"="Mesa","IOReportChannels"=(0x7265736574730000,0x180000001,"Total Resets"),
(0x6573647265736574,0x180000001,"ESD Resets"),(0x746f7420696e7400,0x180000001,"Total Interrupts"),
(0x7370727320696e74,0x180000001,"Spurious Interrupts"),(0x7370696572726f72,0x180000001,"Total SPI Errors"),(0x$
    | | | | | "DeviceOpenedByEventSystem" = Yes
    | | | | | }
    | | | | | }
    | | | | | +-o AppleMesaShim <class AppleMesaShim, id 0x100000603, registered, matched, active, busy 0 (1006 ms),
retain 7>
    | | | | | {
    | | | | | | "IOClass" = "AppleMesaShim"
    | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleBiometricSensor"
    | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | "Built-In" = Yes
    | | | | | | "IOProviderClass" = "AppleMesa"
    | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xb},
{"DeviceUsagePage"=0x20,"DeviceUsage"=0x10})
    | | | | | | "IOProbeScore" = 0x0
    | | | | | | "VendorIDSource" = 0x0
    | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | | "HIDServiceSupport" = Yes
    | | | | | | "IOCFPluginTypes" = {"7DDECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
    | | | | | | "CountryCode" = 0x0
    | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleBiometricSensor"
    | | | | | | "VendorID" = 0x0
    | | | | | | "VersionNumber" = 0x0
    | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleBiometricSensor"
    | | | | | | "HIDEventServiceProperties" =
    | | | | | | {"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dc6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},{"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPreferences$
    | | | | | | "PrimaryUsage" = 0xb
    | | | | | | "LocationID" = 0x0
    | | | | | | "ProductID" = 0x0
    | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | "ReportInterval" = 0x0
    | | | | | | "PrimaryUsagePage" = 0xff00
    | | | | | | }
    | | | | | | }
    | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a90, !registered, !
matched, active, busy 0, retain 6>
    | | | | | | {
    | | | | | | | "DebugState" =
    | | | | | | | {"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | | | }
    | | | | | | | }
    | | | | | | +-o AppleMesaSEPDriver <class AppleMesaSEPDriver, id 0x100000847, registered, matched, active, busy 0 (3
ms), retain 9>
    | | | | | | {
    | | | | | | | "IOClass" = "AppleMesaSEPDriver"
    | | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleMesaSEPDriver"
```



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    | | | | "AIDImageDownloadersCreated" = Yes
    | | | | "aud-early-boot-critical" = <>
    | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)" ),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)" ),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IO$
    | | | | "device_type" = <69706400>
    | | | | "reg" = <000000007d00000000001080000000204e00000000000000000000000000000000000000>
    | | | | }
    | | | | }
    | | | | +-o AppleHIDTransportDeviceSPI <class AppleHIDTransportDeviceSPI, id 0x10000053c, registered, matched,
active, busy 0 (1125 ms), retain 16>
    | | | | {
    | | | | | "IOClass" = "AppleHIDTransportDeviceSPI"
    | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleHIDTransportSPI"
    | | | | | "IOProviderClass" = "AppleARMSPIDevice"
    | | | | | "ResetCount" = 0x0
    | | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
    | | | | | "IOUserClientClass" = "AppleHIDTransportDeviceUserClient"
    | | | | | "IOProbeScore" = 0x0
    | | | | | "IONameMatch" = ("hid-transport,k1","hid-transport,spi")
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | "IOReportLegend" =
({"IOReportGroupName"="AppleHIDTransport","IOReportChannels"=((0x5245534554434e54,0x101080001,"ResetCount")
,
(0x5754444f47434e54,0x101080001,"WatchdogResetCount")),IOReportChannelInfo="{\"IOReportChannelUnit\"=0x0},IO
reportSubGroupName"="DeviceReset"},
{"IOReportGroupName"="AppleHIDTransport","IOReportChannels"=((0x4348505f4641494c,0x101080001,"ChipBootFailur
e"),(0x4657425f4641494c,0x101080001,"FirmwareBootFailure"),
(0x524356445f464149,0x101080001,"RecoveredBootFailures")), (0x4348505f544f0000,0x101080001,"$
    | | | | | "IOReportLegendPublic" = Yes
    | | | | | "IONameMatched" = "hid-transport,spi"
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleHIDTransportSPI"
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDTransportSPI"
    | | | | | }
    | | | | | }
    | | | | | +-o AppleHIDTransportBootloaderHIDDevice <class AppleHIDTransportBootloaderHIDDevice, id 0x1000005f4,
registered, matched, active, busy 0 (1 ms), retain 7>
    | | | | | {
    | | | | | | "hid-merge-personality" = "IPD"
    | | | | | | "IOUserClientClass" = "AppleHIDTransportBootloaderUserClient"
    | | | | | | "image-tag" = 0x69706466
    | | | | | | }
    | | | | | | }
    | | | | | +-o AppleHIDTransportProtocolHIDSPI <class AppleHIDTransportProtocolHIDSPI, id 0x100000850, registered,
matched, active, busy 0 (1124 ms), retain 16>
    | | | | | {
    | | | | | | "VendorID" = 0x5ac
    | | | | | | "Manufacturer" = "Apple Inc."
    | | | | | | "SerialNumber" = "FM7052100ZWN4L2AL+WCT"
    | | | | | | "IOReportLegendPublic" = Yes
    | | | | | | "Product" = "Apple Internal Keyboard / Trackpad"
    | | | | | | "VersionNumber" = 0x175
    | | | | | | "ProductID" = 0x341
    | | | | | | "IOReportLegend" =
({"IOReportGroupName"="AppleHIDTransport","IOReportChannels"=((0x0,0x101080001,"ipd.ackSent"),
(0x1,0x101080001,"ipd.nakSent"),(0x2,0x101080001,"ipd.busySent"),(0x3,0x101080001,"ipd.errorSent"),
(0x4,0x101080001,"ipd.ackReceived"),(0x5,0x101080001,"ipd.nakReceived"),(0x6,0x101080001,"ipd.busyReceived"),
(0x7,0x101080001,"ipd.errorReceived"),(0x8,0x101080001,"ipd.invalidAckReceived"),
(0x9,0x101080001,"ipd.transferInvalidCRC"),(0xa,0x101080001,"ipd.transferInvalidLength"),
(0xb,0x101080001,"ipd.transferInva$
    | | | | | | }
    | | | | | | }
    | | | | | +-o Device Management <class AppleHIDTransportInterface, id 0x100000851, registered, matched, active,
busy 0 (1047 ms), retain 8>
    | | | | | {
    | | | | | | "bInterfaceNumber" = 0x0
    | | | | | | "MaxOutputReportLength" = 0x0
    | | | | | | "SerialNumber" = "FM7052100ZWN4L2AL+WCT"
    | | | | | | "InterfaceName" = "Device Management"
    | | | | | | "MaxInputReportLength" = 0x5
    | | | | | | "MaxControlReportLength" = 0xff6
    | | | | | | "HIDDescriptor" =
<0600ff090ba1010600ff090b150026ff00750896040085e081220600ff090b150026ff0075089501850c81220600ff090b1
50026ff00752096080085bbb20100c0>
    | | | | | | "InterfaceType" = "HID"
    | | | | | | "bCountryCode" = 0x0
    | | | | | | "IOUserClientClass" = "AppleHIDTransportInterfaceUserClient"
    | | | | | | "LocationID" = 0x27
    | | | | | | }
    | | | | | | }
    | | | | | +-o AppleHIDTransportHIDDevice <class AppleHIDTransportHIDDevice, id 0x100000852, registered,
matched, active, busy 0 (1039 ms), retain 10>
    | | | | | {
    | | | | | | "IOClass" = "AppleHIDTransportHIDDevice"
    | | | | | | "Transport" = "SPI"
    | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleHIDTransport"
    | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | "MaxInputReportSize" = 0x5
    | | | | | | "IOProviderClass" = "AppleHIDTransportInterface"
    | | | | | | "Manufacturer" = "Apple Inc."
    | | | | | | "Product" = "Apple Internal Keyboard / Trackpad"
    | | | | | | "DeviceUsagePairs" = ({\"DeviceUsagePage\"=0xff00,\"DeviceUsage\"=0xb})
    | | | | | | "IOProbeScore" = 0x0
    | | | | | | "ReportDescriptor" =
<0600ff090ba1010600ff090b150026ff00750896040085e081220600ff090b150026ff0075089501850c81220600ff090b1
50026ff00752096080085bbb20100c0>
    | | | | | | "MaxOutputReportSize" = 0x1
    | | | | | | "IOUserClientClass" = "IOHIDLibUserClient"
    | | | | | | "IOPropertyMatch" = {"InterfaceType"="HID"}
    | | | | | | "IOCFPluginTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin",40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin",7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
    | | | | | | "CountryCode" = 0x0
    | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDTransport"
```

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|| | | | | "VendorID" = 0x5ac
|| | | | | "VersionNumber" = 0x175
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleHIDTransport"
|| | | | | "PrimaryUsage" = 0xb
|| | | | | "LocationID" = 0x27
|| | | | | "Elements" =
({{"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xff00,"Max"=0xff,"IsArray"=Yes,"Type"=0x101,"Size"=0x100,"Min"=0x0,"Flags"=0x1,"ReportID"=0xbb,"Usage"=0xffffffffffff,"ReportCount"=0x8,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x20,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0xff,"ElementCookie"=0xa},{{"VariableSize"=0x0,"UnitExponent"=0x0,"$
|| | | | | "ModelNumber" = "MacBookPro17,1"
|| | | | | "ProductID" = 0x341
|| | | | | "ReportInterval" = 0x1f40
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "ExtendedData" =
(0x30109a1,0x30209a1,0x30309a1,0x30409a1,0x30509a1,0x30609a1,0x30709a1,0x30809a1,0x30909a1,0x30a09a1,0x30b09a1,0x30c09a1,0x30d09a1,0x30e09a1,0x30f09a1,0x31009a1)
|| | | | | "DeviceOpenedByEventSystem" = Yes
|| | | | | "MaxFeatureReportSize" = 0x21
|| | | | | "InputReportElements" =
({{"ReportID"=0xe0,"ElementCookie"=0x16,"Size"=0x28,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,"ReportSize"=0x28,"Usage"=0x0},
{"ReportID"=0xc,"ElementCookie"=0x17,"Size"=0x10,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,"ReportSize"=0x10,"Usage"=0x0},
{"ReportID"=0xbb,"ElementCookie"=0x18,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,"ReportSize"=0x8,"Usage"=0x0})
|| | | | | }
|| | | | | }
|| | | | | +-o IOHIDInterface <class IOHIDInterface, id 0x100000857, registered, matched, active, busy 0 (1038 ms), retain 9>
|| | | | | {
|| | | | | | "Transport" = "SPI"
|| | | | | | "Manufacturer" = "Apple Inc."
|| | | | | | "Product" = "Apple Internal Keyboard / Trackpad"
|| | | | | | "MaxInputReportSize" = 0x5
|| | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xb})
|| | | | | | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
|| | | | | | "MaxOutputReportSize" = 0x1
|| | | | | | "ReportDescriptor" =
<0600ff090ba1010600ff090b150026ff00750896040085e081220600ff090b150026ff0075089501850c81220600ff090b150026ff00752096080085bbb20100c0>
|| | | | | | "CountryCode" = 0x0
|| | | | | | "VendorID" = 0x5ac
|| | | | | | "VersionNumber" = 0x175
|| | | | | | "IOServiceDXTEntitlements" = ("com.apple.developer.driverkit.transport.hid")
|| | | | | | "PrimaryUsage" = 0xb
|| | | | | | "LocationID" = 0x27
|| | | | | | "ProductID" = 0x341
|| | | | | | "ModelNumber" = "MacBookPro17,1"
|| | | | | | "ReportInterval" = 0x1f40
|| | | | | | "PrimaryUsagePage" = 0xff00
|| | | | | | "DeviceOpenedByEventSystem" = Yes
|| | | | | | "MaxFeatureReportSize" = 0x21
|| | | | | | }
|| | | | | | }
|| | | | | +-o AppleDeviceManagementHIDEventService <class AppleDeviceManagementHIDEventService, id 0x10000085c, registered, matched, active, busy 0 (1004 ms), retain 9>
|| | | | | {
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "PrimaryUsagePage" = 0xff00
|| | | | | | "VersionNumber" = 0x175
|| | | | | | "VendorID" = 0x5ac
|| | | | | | "Built-In" = Yes
|| | | | | | "AccelCalFW Version" = 0x0
|| | | | | | "WakeReason" = "Host (0x01)"
|| | | | | | "Product" = "Apple Internal Keyboard / Trackpad"
|| | | | | | "SerialNumber" = "FM7052100ZWN4L2AL+WCT"
|| | | | | | "Transport" = "SPI"
|| | | | | | "BootLoaderFW Version" = 0x6
|| | | | | | "Manufacturer" = "Apple Inc."
|| | | | | | "ActCalFW Version" = 0x0
|| | | | | | "ProductID" = 0x341
|| | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xb})
|| | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleTopCaseDriverV2"
|| | | | | | "MTFW Version" = 0x529
|| | | | | | "MTCalFW Version" = 0x1
|| | | | | | "KeyCalFW Version" = 0x0
|| | | | | | "ForceCalFW Version" = 0x0
|| | | | | | "ReportInterval" = 0x1f40
|| | | | | | "VendorIDSource" = 0x0
|| | | | | | "STFW Version" = 0x175
|| | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"= {"Version"=0x1,"Behaviors"=({}),"MTGestureConfigurationOverride"= {"Version"=0x1,"Behaviors"=({{"BehaviorID"=0x1})},"HIDPointerAcceleration"=0xb000,"UserPre$
|| | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleTopCaseHIDEventDriver"
|| | | | | | "IOProviderClass" = "IOHIDInterface"
|| | | | | | "LocationID" = 0x27
|| | | | | | "IOClass" = "AppleDeviceManagementHIDEventService"
|| | | | | | "HIDServiceSupport" = Yes
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleTopCaseHIDEventDriver"
|| | | | | | "ProductIDArray" = (0x341)
|| | | | | | "ColorID" = 0x2
|| | | | | | "CountryCode" = 0x0
|| | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | "StandardType" = 0x0
|| | | | | | "IOProbeScore" = 0x1c07
|| | | | | | "PrimaryUsage" = 0xb
|| | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | }
|| | | | | | }
|| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a89, !registered, !matched, active, busy 0, retain 6>
```



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    | | | | | {
    | | | | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +-o IOHIDLibUserClient <class IOHIDLibUserClient, id 0x100000a8a, !registered, !matched, active, busy 0,
retain 6>
    | | | | | {
    | | | | | "DebugState" =
{"MaxEnvelopeReportSize"=0x2000,"EventQueueMap"={"entrySize"=0x0,"QueueSize"=0x4000,"EnqueueErrorCount"=0x
0,"head"=0x0,"UsagePercentHist"={"100"=0x0,"60"=0x0,"50"=0x0,"0"=0x0,"40"=0x0,"30"=0x0,"90"=0x0,"20"=0x0,"80"=
0x0,"10"=0x0,"70"=0x0},"tail"=0x0,"numEntries"=0x0},"ClientOpened"=Yes,"Privileged"=Yes}
    | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +-o Keyboard / Boot <class AppleHIDTransportInterface, id 0x100000853, registered, matched, active, busy 0
(1042 ms), retain 8>
    | | | | | {
    | | | | | "bInterfaceNumber" = 0x1
    | | | | | "MaxOutputReportLength" = 0x2
    | | | | | "SerialNumber" = "FM7052100ZWN4L2AL+WCT"
    | | | | | "InterfaceName" = "Keyboard / Boot"
    | | | | | "MaxInputReportLength" = 0xa
    | | | | | "MaxControlReportLength" = 0xff6
    | | | | | "HIDDescriptor" =
<05010906a1018501050719e029e7150025017501950881029501750881019505750105081901290591029501750391019
5067508150026ff000507190029ff8100050c7501950109b815002501810205ff0903750795018102c0>
    | | | | | "InterfaceType" = "HID"
    | | | | | "bCountryCode" = 0x21
    | | | | | "IOUserClientClass" = "AppleHIDTransportInterfaceUserClient"
    | | | | | "LocationId" = 0x27
    | | | | | }
    | | | | | }
    | | | | | +-o AppleHIDTransportHIDDevice <class AppleHIDTransportHIDDevice, id 0x100000854, registered,
matched, active, busy 0 (1039 ms), retain 10>
    | | | | | {
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "PrimaryUsagePage" = 0x1
    | | | | | "MaxInputReportSize" = 0xa
    | | | | | "IOUserClientClass" = "IOHIDLibUserClient"
    | | | | | "VersionNumber" = 0x175
    | | | | | "ReportDescriptor" =
<05010906a1018501050719e029e7150025017501950881029501750881019505750105081901290591029501750391019
5067508150026ff000507190029ff8100050c7501950109b815002501810205ff0903750795018102c0>
    | | | | | "VendorID" = 0x5ac
    | | | | | "MaxFeatureReportSize" = 0x1
    | | | | | "RequiresTCCAuthorization" = Yes
    | | | | | "Product" = "Apple Internal Keyboard / Trackpad"
    | | | | | "Transport" = "SPI"
    | | | | | "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"={"VariableSiz
e"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x7,"Max"=0x1,"IsArray"=No,"Type"=0x2,"Size"=0x1,"Min"=0x0,
"Flags"=0x2,"ReportID"=0x1,"Usage"=0xe0,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x1,"HasPref
erredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x1,"ElementCookie"=0x6},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=
    | | | | | "IOPropertyMatch" = {"InterfaceType"="HID"}
    | | | | | "Manufacturer" = "Apple Inc."
    | | | | | "ProductID" = 0x341
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleHIDTransport"
    | | | | | "DeviceUsagePairs" = {"DeviceUsagePage"=0x1,"DeviceUsage"=0x6})
    | | | | | "InputReportElements" =
({"ReportID"=0x1,"ElementCookie"=0x11c,"Size"=0x50,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0
x0,"ReportSize"=0x50,"Usage"=0x0})
    | | | | | "ReportInterval" = 0x1f40
    | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleHIDTransport"
    | | | | | "MaxOutputReportSize" = 0x2
    | | | | | "ModelNumber" = "MacBookPro17,1"
    | | | | | "IOProviderClass" = "AppleHIDTransportInterface"
    | | | | | "IOCFPluginTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin";40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin";7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
    | | | | | "LocationID" = 0x27
    | | | | | "IOClass" = "AppleHIDTransportHIDDevice"
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDTransport"
    | | | | | "PrimaryUsage" = 0x6
    | | | | | "CountryCode" = 0x21
    | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | "DeviceOpenedByEventSystem" = Yes
    | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | "IOProbeScore" = 0x0
    | | | | | }
    | | | | | }
    | | | | | +-o IOHIDInterface <class IOHIDInterface, id 0x100000859, registered, matched, active, busy 0 (1027 ms),
retain 9>
    | | | | | {
    | | | | | "Transport" = "SPI"
    | | | | | "Manufacturer" = "Apple Inc."
    | | | | | "Product" = "Apple Internal Keyboard / Trackpad"
    | | | | | "MaxInputReportSize" = 0xa
    | | | | | "DeviceUsagePairs" = {"DeviceUsagePage"=0x1,"DeviceUsage"=0x6})
    | | | | | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
    | | | | | "MaxOutputReportSize" = 0x2
    | | | | | "ReportDescriptor" =
<05010906a1018501050719e029e7150025017501950881029501750881019505750105081901290591029501750391019
5067508150026ff000507190029ff8100050c7501950109b815002501810205ff0903750795018102c0>
    | | | | | "CountryCode" = 0x21
    | | | | | "VendorID" = 0x5ac
    | | | | | "VersionNumber" = 0x175
    | | | | | "IOServiceDEXTitlements" = ("com.apple.developer.driverkit.transport.hid")
    | | | | | "PrimaryUsage" = 0x6
    | | | | | "LocationID" = 0x27
    | | | | | "ProductID" = 0x341
    | | | | | "ModelNumber" = "MacBookPro17,1"
    | | | | | "ReportInterval" = 0x1f40

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    | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | |
    | | | | | +-o IOHIDLibUserClient <class IOHIDLibUserClient, id 0x10000b50, !registered, !matched, active, busy 0,
retain 6>
    | | | | | {
    | | | | |     "DebugState" =
{"MaxEnqueueReportSize"=0x2000,"EventQueueMap"={{{"entrySize"=0x0,"QueueSize"=0x4000,"EnqueueErrorCount"=0x
0,"head"=0x0,"UsagePercentHist"={{{"100"=0x0,"60"=0x0,"50"=0x0,"0"=0x0,"40"=0x0,"30"=0x0,"90"=0x0,"20"=0x0,"80"=
0x0,"10"=0x0,"70"=0x0},"tail"=0x0,"numEntries"=0x0}}},"ClientOpened"=Yes,"Privileged"=Yes}
    | | | | |     "IOUserClientCreator" = "pid 537, TouchBarServer"
    | | | | |     "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | |
    | | | | | +-o Trackpad / Boot <class AppleHIDTransportInterface, id 0x10000085a, registered, matched, active, busy 0
(1102 ms), retain 8>
    | | | | | {
    | | | | |     "Reporters" = ({"ReportID"=0x7e,"SubgroupName"="Trackpad Power State Time
(ms)","Categories"=("Power"),"Type"="Simple","AbsoluteValues"=Yes,"ReportLength"=0x41,"ClearReportZeroPad"=Yes,"Gr
oupName"="Trackpad Power Stats","Channels"={{{"Offset"=0x1,"Name"="Unknown","Type"="Counter","Size"=0x4},
{"Offset"=0x5,"Name"="Active","Type"="Counter","Size"=0x4},
{"Offset"=0x9,"Name"="Ready","Type"="Counter","Size"=0x4},
{"Offset"=0xd,"Name"="Rsv","Type"="Counter","Size"=0x4},{{"Offset"=0x11,"Name"="Rsv","Type"="Counter","Size"=0x4},
{$
    | | | | |     "InterfaceType" = "HID"
    | | | | |     "IOUserClientClass" = "AppleHIDTransportInterfaceUserClient"
    | | | | |     "IOReportLegend" = ({"IOReportGroupName"="Trackpad Power
Stats","IOReportChannels"=((0x0,0x100020001,"Unknown"),(0x1,0x100020001,"Active"),(0x2,0x100020001,"Ready"),
(0x3,0x100020001,"Rsv"),(0x4,0x100020001,"Rsv"),(0x5,0x100020001,"Rsv"),(0x6,0x100020001,"Rsv"),
(0x7,0x100020001,"Rsv"),(0x8,0x100020001,"Rsv"),(0x9,0x100020001,"Anticip"),(0xa,0x100020001,"Diag"),
(0xb,0x100020001,"Rsv"),(0xc,0x100020001,"Rsv"),(0xd,0x100020001,"Rsv"),(0xe,0x100020001,"Rsv"),
(0xf,0x100020001,"ForceOnly")),IOReportChannelInfo"=({"IOReportCh$
    | | | | |     "IOReportLegendPublic" = Yes
    | | | | |     "MaxInputReportLength" = 0x800
    | | | | |     "LocationID" = 0x27
    | | | | |     "InterfaceName" = "Trackpad / Boot"
    | | | | |     "SerialNumber" = "FM7052100ZWN4L2AL+WCT"
    | | | | |     "MaxControlReportLength" = 0xff6
    | | | | |     "MaxOutputReportLength" = 0x0
    | | | | |     "bInterfaceNumber" = 0x2
    | | | | |     "bCountryCode" = 0x0
    | | | | |     "HIDDescriptor" =
<05010902a1010901a1000509190129031500250185029503750181029501750581010501093009311581257f750895028
1069504750888101c0c0050d0905a1010600ff090c150026ff0075089510853f8122c00600ff090ca1010600ff090c150026ff
008544750896d7068100c0>
    | | | | | }
    | | | | |
    | | | | | +-o AppleHIDTransportHIDDevice <class AppleHIDTransportHIDDevice, id 0x10000085b, registered,
matched, active, busy 0 (1090 ms), retain 8>
    | | | | | {
    | | | | |     "IOClass" = "AppleHIDTransportHIDDevice"
    | | | | |     "Transport" = "SPI"
    | | | | |     "IOPersonalityPublisher" = "com.apple.driver.AppleHIDTransport"
    | | | | |     "IOMatchedAtBoot" = Yes
    | | | | |     "MaxInputReportSize" = 0x6d8
    | | | | |     "IOProviderClass" = "AppleHIDTransportInterface"
    | | | | |     "Manufacturer" = "Apple Inc."
    | | | | |     "Product" = "Apple Internal Keyboard / Trackpad"
    | | | | |     "RequiresTCCAuthorization" = Yes
    | | | | |     "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x2},
{"DeviceUsagePage"=0x1,"DeviceUsage"=0x1},{{"DeviceUsagePage"=0xd,"DeviceUsage"=0x5},
{"DeviceUsagePage"=0xff00,"DeviceUsage"=0xc})
    | | | | |     "IOProbeScore" = 0x0
    | | | | |     "ReportDescriptor" =
<05010902a1010901a1000509190129031500250185029503750181029501750581010501093009311581257f750895028
1069504750888101c0c0050d0905a1010600ff090c150026ff0075089510853f8122c00600ff090ca1010600ff090c150026ff
008544750896d7068100c0>
    | | | | |     "MaxOutputReportSize" = 0x1
    | | | | |     "IOUserClientClass" = "IOHIDLibUserClient"
    | | | | |     "IOPropertyMatch" = ({"InterfaceType"="HID"}
Plugins/IOHIDLib.plugin",40A57A4E-26A0-11D8-9295-000A958A2C78"=IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin",7DDECA8-A7B4-11DA-8A0E-0014519758EF"=IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin})
    | | | | |     "CountryCode" = 0x0
    | | | | |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDTransport"
    | | | | |     "VendorID" = 0x5ac
    | | | | |     "VersionNumber" = 0x175
    | | | | |     "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | |     "CFBundleIdentifier" = "com.apple.driver.AppleHIDTransport"
    | | | | |     "PrimaryUsage" = 0x2
    | | | | |     "LocationID" = 0x27
    | | | | |     "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"ReportID"=
0x0,"ElementCookie"=0x2,"CollectionType"=0x0,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"VariableSize"=0x0,"Unit
Exponent"=0x0,"IsRelative"=No,"UsagePage"=0x9,"Max"=0x1,"IsArray"=No,"Type"=0x2,"Size"=0x1,"Min"=0x0,"Flags"=0x2
,"ReportID"=0x2,"Usage"=0x1,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x1,"HasPreferredState"=Y
es,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"Sc$
    | | | | |     "ModelNumber" = "MacBookPro17,1"
    | | | | |     "ProductID" = 0x341
    | | | | |     "ReportInterval" = 0x1f40
    | | | | |     "PrimaryUsagePage" = 0x1
    | | | | |     "MaxFeatureReportSize" = 0x1
    | | | | |     "InputReportElements" =
({"ReportID"=0x2,"ElementCookie"=0x6ec,"Size"=0x40,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=
0x0,"ReportSize"=0x40,"Usage"=0x0},
{"ReportID"=0x3f,"ElementCookie"=0x6ed,"Size"=0x88,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=
0x0,"ReportSize"=0x88,"Usage"=0x0},
{"ReportID"=0x44,"ElementCookie"=0x6ee,"Size"=0x36c0,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage
"=0x0,"ReportSize"=0x36c0,"Usage"=0x0})
    | | | | | }
    | | | | |
    | | | | | +-o IOHIDInterface <class IOHIDInterface, id 0x100000864, registered, matched, active, busy 0 (1088 ms),
retain 8>
    | | | | | {
    | | | | |     "Transport" = "SPI"
    | | | | |     "Manufacturer" = "Apple Inc."
    | | | | |     "Product" = "Apple Internal Keyboard / Trackpad"
    | | | | |     "MaxInputReportSize" = 0x6d8
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    | | | | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x2},
{"DeviceUsagePage"=0x1,"DeviceUsage"=0x1},{"DeviceUsagePage"=0xd,"DeviceUsage"=0x5},
{"DeviceUsagePage"=0xff00,"DeviceUsage"=0xc})
    | | | | | | | | | | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
    | | | | | | | | | | "MaxOutputReportSize" = 0x1
    | | | | | | | | | | "ReportDescriptor" =
<05010902a1010901a1000509190129031500250185029503750181029501750581010501093009311581257f750895028
106950475088101c0c0050d0905a1010600ff090c150026ff0075089510853f8122c00600ff090ca1010600ff090c150026ff
008544750896d7068100c0>
    | | | | | | | | | | "CountryCode" = 0x0
    | | | | | | | | | | "VendorID" = 0x5ac
    | | | | | | | | | | "VersionNumber" = 0x175
    | | | | | | | | | | "IOServiceDXTEntitlements" = ("com.apple.developer.driverkit.transport.hid")
    | | | | | | | | | | "IOEXMTMatchCount" = 0x1
    | | | | | | | | | | "PrimaryUsage" = 0x2
    | | | | | | | | | | "LocationID" = 0x27
    | | | | | | | | | | "ProductID" = 0x341
    | | | | | | | | | | "ModelNumber" = "MacBookPro17,1"
    | | | | | | | | | | "ReportInterval" = 0x1f40
    | | | | | | | | | | "PrimaryUsagePage" = 0x1
    | | | | | | | | | | "MaxFeatureReportSize" = 0x1
    | | | | | | | | | | }
    | | | | | | | | | | }
    | | | | | | | | | | +-o AppleMultitouchTrackpadHIDEventDriver <class AppleMultitouchTrackpadHIDEventDriver, id
0x10000086a, registered, matched, active, busy 0 (1017 ms), retain 8>
    | | | | | | | | | | | {
    | | | | | | | | | | | | "mt-device-id" = 0x200000000000027
    | | | | | | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | | | | | | | "PrimaryUsagePage" = 0x1
    | | | | | | | | | | | | "SensorProperties" = {}
    | | | | | | | | | | | | "ApplePreferencesDefaultPreferences" =
{"TrackpadPinch"=0x1,"TrackpadFourFingerVertSwipeGesture"=0x2,"ActuateDetents"=0x1,"FirstClickThreshold"=0x1,"Sec
ondClickThreshold"=0x1,"TrackpadFourFingerPinchGesture"=0x2,"TrackpadHorizScroll"=0x1,"TrackpadMomentumScroll"=
Yes,"TrackpadRotate"=0x1,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"Clicking"=0x0,"TrackpadScroll"=Yes,"DragLoc
k"=0x0,"TrackpadFiveFingerPinchGesture"=0x2,"ForceSuppressed"=No,"TrackpadThreeFingerVertSwipeGesture"=0x2,"Dr
agging"=0x0,"TrackpadCornerSeco$
    | | | | | | | | | | | | "VendorID" = 0x5ac
    | | | | | | | | | | | | "VersionNumber" = 0x175
    | | | | | | | | | | | | "DebugState" = {}
    | | | | | | | | | | | | "HIDPointerResolution" = 0x1900000
    | | | | | | | | | | | | "RelativePointer" =
{"Elements"={"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=Yes,"UsagePage"=0x1,"Max"=0x7f,"IsArray"=No,"Type
"=0x1,"Size"=0x8,"Min"=0xfffffffff81,"Flags"=0x6,"ReportID"=0x2,"Usage"=0x30,"ReportCount"=0x1,"Unit"=0x0,"HasN
ullState"=No,"ReportSize"=0x8,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0xfffffffff81,"IsWrapping"=No
,"ScaledMax"=0x7f,"ElementCookie"=0x6e9},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=Yes,"UsagePage"=0x1,"Max"=0x7f,"IsArray"=No,"Type"=0x1,"S$
    | | | | | | | | | | | | "MTEventSource" = Yes
    | | | | | | | | | | | | "DoReportIntervalHack" = Yes
    | | | | | | | | | | | | "Product" = "Apple Internal Keyboard / Trackpad"
    | | | | | | | | | | | | "Transport" = "SPI"
    | | | | | | | | | | | | "HIDPointerAccelerationType" = "HIDTrackpadAcceleration"
    | | | | | | | | | | | | "HIDScrollAccelerationTable" =
<000080005553422a0007000000000010001000000200000100000713b00004ce300030000000760000
004c00000e80000006f14a0017e95e000957820023105a000b67a1002c117b000d8dd40034dd3a000f7e9a003bd0b80
01258a000465d3500150000004ed9d80017c000055caed001ab3e5005b6150001d9000005ed2aa0020bef9006120cb0
0242d7b006275ef0027b0000063465f0000800000130000713b0000567f00010000002e0000020000000960000003
0000001200000004c0000020c000000680000030800000086a790041fdb6000aedb5005786e000d01d8006b3d3900
0efd7f00810$
    | | | | | | | | | | | | "HIDDisallowRemappingOfPrimaryClick" = Yes
    | | | | | | | | | | | | "Manufacturer" = "Apple Inc."
    | | | | | | | | | | | | "HIDScrollAccelerationType" = "HIDTrackpadScrollAcceleration"
    | | | | | | | | | | | | "TrackpadEmbedded" = Yes
    | | | | | | | | | | | | "ApplePreferenceCapability" = 0x2
    | | | | | | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x2},
{"DeviceUsagePage"=0x1,"DeviceUsage"=0x1},{"DeviceUsagePage"=0xd,"DeviceUsage"=0x5},
{"DeviceUsagePage"=0xff00,"DeviceUsage"=0xc})
    | | | | | | | | | | | | "ApplePreferenceIdentifier" = "com.apple.AppleMultitouchTrackpad"
    | | | | | | | | | | | | "HIDScrollResolution" = 0x1900000
    | | | | | | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleTopCaseDriverV2"
    | | | | | | | | | | | | "ReenumerateOnInit" = Yes
    | | | | | | | | | | | | "ProductID" = 0x341
    | | | | | | | | | | | | "DefaultMultitouchProperties" =
{"HIDScrollAccelerationType"="HIDTrackpadScrollAcceleration","SupportsGestureScrolling"=Yes,"parser-
type"=0x3e8,"HIDScrollResolutionX"=0x1900000,"HIDScrollResolutionY"=0x1900000,"HIDScrollAccelerationTable"=<000
080005553422a0007000000000010001000000200000100000713b00004ce300030000000760000004c
000000e800000006f14a0017e95e000957820023105a000b67a1002c117b000d8dd40034dd3a000f7e9a003bd0b8001258
a000465d3500150000004ed9d80017c000055caed001ab3e5005b6150001d9000005ed2aa0020bef90$
    | | | | | | | | | | | | "ReportInterval" = 0x1f40
    | | | | | | | | | | | | "BuildAMDWithMInit" = Yes
    | | | | | | | | | | | | "VendorIDSource" = 0x0
    | | | | | | | | | | | | "HIDPointerButtonCount" = 0x3
    | | | | | | | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleTopCaseHIDEventDriver"
    | | | | | | | | | | | | "IOCFPluginTypes" = {"0516B563-B15B-11DA-96EB-0014519758EF"="AppleMultitouchDriver.kext/
Contents/Plugins/MultitouchHID.plugin"}
    | | | | | | | | | | | | "HIDAccelCurves" =
({"HIDAccelGainLinear"=0x10000,"HIDAccelTangentSpeedLinear"=0x76666,"HIDAccelTangentSpeedParabolicRoot"=0x15
0000,"HIDAccelIndex"=0x0},
{"HIDAccelGainLinear"=0xfd71,"HIDAccelTangentSpeedLinear"=0x74ccd,"HIDAccelGainCubic"=0x147b,"HIDAccelGainPara
bolic"=0x8000,"HIDAccelTangentSpeedParabolicRoot"=0x140000,"HIDAccelIndex"=0x2000},
{"HIDAccelGainLinear"=0xfae1,"HIDAccelTangentSpeedLinear"=0x73333,"HIDAccelGainCubic"=0x199a,"HIDAccelGainPara
bolic"=0xa8f6,"HIDAccelTangentSpeedParabolicRoot"=0x130000,"H$
    | | | | | | | | | | | | "IOProviderClass" = "IOHIDInterface"
    | | | | | | | | | | | | "LocationID" = 0x27
    | | | | | | | | | | | | "HIDPointerAccelerationTable" =
<000080005553422a000700000000002000400000040000001000000100000000200000d00000800000008000
0001400000018000000200000002e000000300000004e000000400000007400000050000000a000000060000000d4
0000008000000160000000ac0000023000000d0000002f0000000ec0000038c0000014000004100000011c000004
8c0000005000000f00008000000800000010000001400000018000000240000000200000038000000280000004
e000000300000006600000040000000a000000050000000e40000006000000013400000080000001ec000000ac0000
02ec000000d0000003c$
    | | | | | | | | | | | | "HIDServiceSupport" = No
    | | | | | | | | | | | | "IOClass" = "AppleMultitouchTrackpadHIDEventDriver"
    | | | | | | | | | | | | "HIDScrollAccelCurves" =
({"HIDAccelGainLinear"=0x10000,"HIDAccelTangentSpeedLinear"=0x60000,"HIDAccelTangentSpeedParabolicRoot"=0xc0
000,"HIDAccelIndex"=0x0},
{"HIDAccelGainLinear"=0xf333,"HIDAccelTangentSpeedLinear"=0x63333,"HIDAccelTangentSpeedParabolicRoot"=0xc000
```



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|| | | | | "UseProviderWorkLoop" = Yes
|| | | | | "CountryCode" = 0x0
|| | | | | "LocationID" = 0x27
|| | | | | }
|| | | | | }
|| | | | | +-o AppleMultitouchDeviceUserClient <class AppleMultitouchDeviceUserClient, id 0x100000a85, !
registered, !matched, active, busy 0, retain 6>
|| | | | | {
|| | | | |   "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | |   "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | +-o Actuator <class AppleHIDTransportInterface, id 0x10000085d, registered, matched, active, busy 0 (1027
ms), retain 8>
|| | | | | {
|| | | | |   "bInterfaceNumber" = 0x3
|| | | | |   "MaxOutputReportLength" = 0x40
|| | | | |   "SerialNumber" = "FM7052100ZWN4L2AL+WCT"
|| | | | |   "InterfaceName" = "Actuator"
|| | | | |   "MaxInputReportLength" = 0x10
|| | | | |   "MaxControlReportLength" = 0xff6
|| | | | |   "HIDDescriptor" =
<0600ff090da1010600ff090d150026ff007508853f960f008102090d8553963f009102c0>
|| | | | |   "InterfaceType" = "HID"
|| | | | |   "bCountryCode" = 0x0
|| | | | |   "IOUserClientClass" = "AppleHIDTransportInterfaceUserClient"
|| | | | |   "LocationId" = 0x27
|| | | | | }
|| | | | | }
|| | | | | +-o AppleHIDTransportHIDDevice <class AppleHIDTransportHIDDevice, id 0x10000085e, registered,
matched, active, busy 0 (1021 ms), retain 8>
|| | | | | {
|| | | | |   "IOClass" = "AppleHIDTransportHIDDevice"
|| | | | |   "Transport" = "SPI"
|| | | | |   "IOPersonalityPublisher" = "com.apple.driver.AppleHIDTransport"
|| | | | |   "IOMatchedAtBoot" = Yes
|| | | | |   "MaxInputReportSize" = 0x10
|| | | | |   "IOProviderClass" = "AppleHIDTransportInterface"
|| | | | |   "Manufacturer" = "Apple Inc."
|| | | | |   "Product" = "Apple Internal Keyboard / Trackpad"
|| | | | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xd})
|| | | | |   "IOProbeScore" = 0x0
|| | | | |   "ReportDescriptor" =
<0600ff090da1010600ff090d150026ff007508853f960f008102090d8553963f009102c0>
|| | | | |   "MaxOutputReportSize" = 0x40
|| | | | |   "IOUserClientClass" = "IOHIDLibUserClient"
|| | | | |   "IOPropertyMatch" = ({"InterfaceType"="HID"})
|| | | | |   "IOCFPluginTypes" = ({"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin", "7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"})
|| | | | |   "CountryCode" = 0x0
|| | | | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDTransport"
|| | | | |   "VendorID" = 0x5ac
|| | | | |   "VersionNumber" = 0x175
|| | | | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | |   "CFBundleIdentifier" = "com.apple.driver.AppleHIDTransport"
|| | | | |   "PrimaryUsage" = 0xd
|| | | | |   "LocationID" = 0x27
|| | | | |   "Elements" =
({{"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({{"VariableSiz
e"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xff00,"Max"=0xff,"IsArray"=No,"Type"=0x1,"Size"=0x78,"Min"
=0x0,"Flags"=0x2,"ReportID"=0x3f,"Usage"=0xd,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x78,"H
asPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0xff,"ElementCookie"=0x8},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"Usa$
|| | | | |   "ModelNumber" = "MacBookPro17,1"
|| | | | |   "ProductID" = 0x341
|| | | | |   "ReportInterval" = 0x1f40
|| | | | |   "PrimaryUsagePage" = 0xff00
|| | | | |   "MaxFeatureReportSize" = 0x1
|| | | | |   "InputReportElements" =
({{"ReportID"=0x3f,"ElementCookie"=0xa,"Size"=0x80,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x
0,"ReportSize"=0x80,"Usage"=0x0},
{"ReportID"=0x53,"ElementCookie"=0xb,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0
,"ReportSize"=0x8,"Usage"=0x0})
|| | | | | }
|| | | | | }
|| | | | | +-o IOHIDInterface <class IOHIDInterface, id 0x100000862, registered, matched, active, busy 0 (1019 ms),
retain 7>
|| | | | | {
|| | | | |   "MaxOutputReportSize" = 0x40
|| | | | |   "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
|| | | | |   "VendorID" = 0x5ac
|| | | | |   "CountryCode" = 0x0
|| | | | |   "IOServiceDXTEntitlements" = ("com.apple.developer.driverkit.transport.hid")
|| | | | |   "Product" = "Apple Internal Keyboard / Trackpad"
|| | | | |   "VersionNumber" = 0x175
|| | | | |   "PrimaryUsage" = 0xd
|| | | | |   "LocationID" = 0x27
|| | | | |   "ProductID" = 0x341
|| | | | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xd})
|| | | | |   "Transport" = "SPI"
|| | | | |   "ReportInterval" = 0x1f40
|| | | | |   "ModelNumber" = "MacBookPro17,1"
|| | | | |   "ReportDescriptor" =
<0600ff090da1010600ff090d150026ff007508853f960f008102090d8553963f009102c0>
|| | | | |   "Manufacturer" = "Apple Inc."
|| | | | |   "PrimaryUsagePage" = 0xff00
|| | | | |   "MaxFeatureReportSize" = 0x1
|| | | | |   "MaxInputReportSize" = 0x10
|| | | | | }
|| | | | | }
|| | | | | +-o AppleActuatorHIDEventDriver <class AppleActuatorHIDEventDriver, id 0x100000868, !registered, !
matched, active, busy 0 (1014 ms), retain 6>
|| | | | | {
|| | | | |   "IOClass" = "AppleActuatorHIDEventDriver"
|| | | | |   "CFBundleIdentifier" = "com.apple.driver.AppleActuatorDriver"
|| | | | |   "IOProviderClass" = "IOHIDInterface"

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|| | | | | "DefaultActuatorProperties" = {"ActuatorRevision"=0x5}
|| | | | | "VendorID" = 0x5ac
|| | | | | "IOProbeScore" = 0x1c07
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "LocationID" = 0x27
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xd})
|| | | | | "Transport" = "SPI"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleTopCaseDriverV2"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleActuatorDriver"
|| | | | | "ProductIDArray" = (0x341)
|| | | | | }
|| | | | |
|| | | | | +-o AppleActuatorDevice <class AppleActuatorDevice, id 0x100000869, registered, matched, active,
busy 0 (1014 ms), retain 9>
|| | | | | {
|| | | | | | "Transport" = "SPI"
|| | | | | | "IOUserClientClass" = "AppleActuatorDeviceUserClient"
|| | | | | | "LocationID" = 0x27
|| | | | | | "Multitouch Actuator ID" = 0x2000000000000027
|| | | | | | "ActuatorRevision" = 0x5
|| | | | | | }
|| | | | | +-o AppleActuatorDeviceUserClient <class AppleActuatorDeviceUserClient, id 0x100000a86, !
registered, !matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | | }
|| | | | | +-o Accelerometer <class AppleHIDTransportInterface, id 0x10000085f, registered, matched, active, busy 0
(6 ms), retain 8>
|| | | | | {
|| | | | | | "bInterfaceNumber" = 0x4
|| | | | | | "MaxOutputReportLength" = 0x0
|| | | | | | "SerialNumber" = "FM7052100ZWN4L2AL+WCT"
|| | | | | | "InterfaceName" = "Accelerometer"
|| | | | | | "MaxInputReportLength" = 0x6c
|| | | | | | "MaxControlReportLength" = 0xff6
|| | | | | | "HIDDescriptor" = <0600ff0903a1010600ff0903150026ff0085c0966b0075088102c0>
|| | | | | | "InterfaceType" = "HID"
|| | | | | | "bCountryCode" = 0x0
|| | | | | | "IOUserClientClass" = "AppleHIDTransportInterfaceUserClient"
|| | | | | | "LocationID" = 0x27
|| | | | | | }
|| | | | | +-o AppleHIDTransportHIDDevice <class AppleHIDTransportHIDDevice, id 0x100000860, registered,
matched, active, busy 0 (6 ms), retain 8>
|| | | | | {
|| | | | | | "IOClass" = "AppleHIDTransportHIDDevice"
|| | | | | | "Transport" = "SPI"
|| | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleHIDTransport"
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "MaxInputReportSize" = 0x6c
|| | | | | | "IOProviderClass" = "AppleHIDTransportInterface"
|| | | | | | "Manufacturer" = "Apple Inc."
|| | | | | | "Product" = "Apple Internal Keyboard / Trackpad"
|| | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x3})
|| | | | | | "IOProbeScore" = 0x0
|| | | | | | "ReportDescriptor" = <0600ff0903a1010600ff0903150026ff0085c0966b0075088102c0>
|| | | | | | "MaxOutputReportSize" = 0x1
|| | | | | | "IOUserClientClass" = "IOHIDLibUserClient"
|| | | | | | "IOPropertyMatch" = {"InterfaceType"="HID"}
|| | | | | | "IOCFPluginTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin", "7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
|| | | | | | "CountryCode" = 0x0
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDTransport"
|| | | | | | "VendorID" = 0x5ac
|| | | | | | "VersionNumber" = 0x175
|| | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleHIDTransport"
|| | | | | | "PrimaryUsage" = 0x3
|| | | | | | "LocationID" = 0x27
|| | | | | | "Elements" =
({ "ReportID"=0x0, "ElementCookie"=0x1, "CollectionType"=0x1, "Type"=0x201, "VariableSize"=0x0, "Elements"=({ "VariableSiz
e"=0x0, "UnitExponent"=0x0, "IsRelative"=No, "UsagePage"=0xff00, "Max"=0xff, "IsArray"=No, "Type"=0x1, "Size"=0x358, "Min
"=0x0, "Flags"=0x2, "ReportID"=0xc0, "Usage"=0x3, "ReportCount"=0x1, "Unit"=0x0, "HasNullState"=No, "ReportSize"=0x358,
"HasPreferredState"=Yes, "IsNonLinear"=No, "ScaledMin"=0x0, "IsWrapping"=No, "ScaledMax"=0xff, "ElementCookie"=0x6}),
"UsagePage"=0xff00, "Usage"=0x3}, {"VariableSize"=0x0, "Uni$
|| | | | | | "ModelNumber" = "MacBookPro17,1"
|| | | | | | "ProductID" = 0x341
|| | | | | | "ReportInterval" = 0x1f40
|| | | | | | "PrimaryUsagePage" = 0xff00
|| | | | | | "MaxFeatureReportSize" = 0x1
|| | | | | | "InputReportElements" =
({ "ReportID"=0xc0, "ElementCookie"=0x7, "Size"=0x360, "ReportCount"=0x1, "Type"=0x1, "VariableSize"=0x0, "UsagePage"=
0x0, "ReportSize"=0x360, "Usage"=0x0})
|| | | | | | }
|| | | | | | }
|| | | | | +-o IOHIDInterface <class IOHIDInterface, id 0x100000866, registered, matched, active, busy 0 (4 ms),
retain 6>
|| | | | | {
|| | | | | | "MaxOutputReportSize" = 0x1
|| | | | | | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
|| | | | | | "VendorID" = 0x5ac
|| | | | | | "CountryCode" = 0x0
|| | | | | | "IOServiceDXTentitlements" = ("com.apple.developer.driverkit.transport.hid")
|| | | | | | "Product" = "Apple Internal Keyboard / Trackpad"
|| | | | | | "VersionNumber" = 0x175
|| | | | | | "PrimaryUsage" = 0x3
|| | | | | | "LocationID" = 0x27
|| | | | | | "ProductID" = 0x341
|| | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x3})
|| | | | | | "Transport" = "SPI"
|| | | | | | "ReportInterval" = 0x1f40
|| | | | | | "ModelNumber" = "MacBookPro17,1"

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|| | | "model" = <57030000>
|| | | }
|| | | }
|| | | +-o lcd-pmicwp <class AppleTCONComponent, id 0x100000346, registered, matched, active, busy 0 (0 ms),
retain 5>
|| | | {
|| | | | "repeated-start" = <01000000>
|| | | | "verify" = <00000000>
|| | | | "interface" = <03000000>
|| | | | "protection" = <00000000>
|| | | | "name" = <6c63642d706d6963777000>
|| | | | "offset-size" = <01000000>
|| | | | "IOAVDisplayMemoryUserInterfaceSupported" = Yes
|| | | | "IOUserClientClass" = "IOAVDisplayMemoryConcreteUserClient"
|| | | | "reg" = <7400000010000000>
|| | | | "AAPL,phandle" = <2a000000>
|| | | | "device_type" = <6c63642d6932632d636f6d706f6e656e7400>
|| | | | }
|| | | }
|| | | +-o lcd-pmic <class AppleTCONComponent, id 0x100000347, registered, matched, active, busy 0 (24 ms),
retain 5>
|| | | {
|| | | | "repeated-start" = <01000000>
|| | | | "verify" = <00000000>
|| | | | "interface" = <03000000>
|| | | | "protection" = <00000000>
|| | | | "name" = <6c63642d706d696300>
|| | | | "offset-size" = <01000000>
|| | | | "IOAVDisplayMemoryUserInterfaceSupported" = Yes
|| | | | "IOUserClientClass" = "IOAVDisplayMemoryConcreteUserClient"
|| | | | "reg" = <4f00000000100000>
|| | | | "AAPL,phandle" = <2b000000>
|| | | | "device_type" = <6c63642d6932632d636f6d706f6e656e7400>
|| | | | }
|| | | }
|| | | +-o lcd-sswp <class AppleTCONComponent, id 0x100000348, registered, matched, active, busy 0 (0 ms),
retain 5>
|| | | {
|| | | | "repeated-start" = <01000000>
|| | | | "verify" = <00000000>
|| | | | "interface" = <03000000>
|| | | | "protection" = <00000000>
|| | | | "name" = <6c63642d7373777000>
|| | | | "offset-size" = <01000000>
|| | | | "IOAVDisplayMemoryUserInterfaceSupported" = Yes
|| | | | "IOUserClientClass" = "IOAVDisplayMemoryConcreteUserClient"
|| | | | "reg" = <7100000010000000>
|| | | | "AAPL,phandle" = <2c000000>
|| | | | "device_type" = <6c63642d6932632d636f6d706f6e656e7400>
|| | | | }
|| | | }
|| | | +-o lcd-ss <class AppleTCONComponent, id 0x100000349, registered, matched, active, busy 0 (2 ms), retain
5>
|| | | {
|| | | | "repeated-start" = <01000000>
|| | | | "verify" = <00000000>
|| | | | "interface" = <03000000>
|| | | | "protection" = <00000000>
|| | | | "name" = <6c63642d737300>
|| | | | "offset-size" = <01000000>
|| | | | "IOAVDisplayMemoryUserInterfaceSupported" = Yes
|| | | | "IOUserClientClass" = "IOAVDisplayMemoryConcreteUserClient"
|| | | | "reg" = <4000000000100000>
|| | | | "AAPL,phandle" = <2d000000>
|| | | | "device_type" = <6c63642d6932632d636f6d706f6e656e7400>
|| | | | }
|| | | }
|| | | +-o tcon-registers <class AppleTCONComponent, id 0x10000034a, registered, matched, active, busy 0 (5 ms),
retain 5>
|| | | {
|| | | | "IOAVDisplayMemoryUserInterfaceSupported" = Yes
|| | | | "reg" = <0000000000100000>
|| | | | "IOUserClientClass" = "IOAVDisplayMemoryConcreteUserClient"
|| | | | "name" = <74636f6e2d72656769737465727300>
|| | | | "AAPL,phandle" = <2e000000>
|| | | | "device_type" = <74636f6e2d72656769737465727300>
|| | | | }
|| | | }
|| | | +-o lcd-eprom <class AppleTCONComponent, id 0x10000034b, registered, matched, active, busy 0 (34 ms),
retain 5>
|| | | {
|| | | | "offset-size" = <03000000>
|| | | | "hi-z" = <01000000>
|| | | | "data-pol-inv" = <00000000>
|| | | | "IOAVDisplayMemoryUserInterfaceSupported" = Yes
|| | | | "tx-bit-order" = <01000000>
|| | | | "AAPL,phandle" = <2f000000>
|| | | | "reg" = <00000000000200>
|| | | | "multi-io-bit-order" = <00000000>
|| | | | "verify" = <01000000>
|| | | | "IOUserClientClass" = "IOAVDisplayMemoryConcreteUserClient"
|| | | | "protection" = <01000000>
|| | | | "device_type" = <6c63642d7370692d636f6d706f6e656e7400>
|| | | | "mode" = <00000000>
|| | | | "multi-io" = <00000000>
|| | | | "interface" = <00000000>
|| | | | "rx-bit-order" = <01000000>
|| | | | "name" = <6c63642d656570726f6d00>
|| | | | }
|| | | }
|| | | +-o i2c1@35014000 <class AppleARMIODevice, id 0x100000132, registered, matched, active, busy 0 (356 ms),
retain 10>
|| | | {
|| | | | "gpio-icc_scl" = <c90000000201010041500000>
|| | | | "compatible" = <6932632c7438313031006932632c73356c3839343078006969632c736f667400>
|| | | | "gpio-icc_sda" = <c70000000201010041500000>
|| | | | "interrupt-parent" = <70000000>
|| | | | "interrupts" = <74020000>
|| | | }

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```
|| || "clock-gates" = <28000000>
|| || "clock-ids" = <04000000>
|| || "#address-cels" = <01000000>
|| || "reg" = <00400135000000000040000000000000>
|| || "device_type" = <69326300>
|| || "#size-cells" = <03000000>
|| || "AAPL,phandle" = <33000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000070")
|| || "IOInterruptSpecifiers" = (<74020000>)
|| || "function-device_reset" = <870000005453524128000000>
|| || "IODeviceMemory" = ({"address"=0x235014000,"length"=0x4000})
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)",
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)",
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
|| || "IOReportLegendPublic" = Yes
|| || "name" = <6932633100>
|| || }
|| || }
|| | +-o AppleS5L8940XI2CController <class AppleS5L8940XI2CController, id 0x100000269, !registered, !matched,
active, busy 0 (108 ms), retain 6>
|| | {
|| | | "IOClass" = "AppleS5L8940XI2CController"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleS5L8940XI2C"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformWakeAction" = 0x1f4
|| | | "IOPlatformSleepAction" = 0x1f4
|| | | "IOProbeScore" = 0x3e8
|| | | "IONameMatch" = "i2c,s5l8940x"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "i2c,s5l8940x"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleS5L8940XI2C"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleS5L8940XI2C"
|| | | }
|| | }
|| | +-o audio-tas5770L-sprk-left-rear@31 <class AppleARMIODevice, id 0x100000133, registered, matched, active,
busy 0 (109 ms), retain 9>
|| | {
|| | | "IOInterruptSpecifiers" = (<b600000001000000>)
|| | | "AAPL,phandle" = <34000000>
|| | | "speaker1" = <35000000>
|| | | "speaker-protection" = <00000000>
|| | | "external-power-provider" = <fe000000>
|| | | "private" = <3100>
|| | | "IOInterruptControllers" = ("IOInterruptController00000077")
|| | | "IOUserClientClass" = "AppleARMIOUserClient"
|| | | "speaker2" = <39000000>
|| | | "name" = <617564696f2d746173353737304c2d73706b722d6c6566742d7265617200>
|| | | "interrupt-parent" = <77000000>
|| | | "function-reset" = <770000004f495047b500000001000100>
|| | | "compatible" = <617564696f2d636f6e74726f6c2c7461733537373000>
|| | | "interrupts" = <b600000001000000>
|| | | "iboot-audio-volume" = <>
|| | | "speaker3" = <3a000000>
|| | | "speaker-config" = <000f0000020f0000010f0000030f0000>
|| | | "device_type" = <617564696f2d636f6e74726f6c00>
|| | | "reg" = <31000000c40900000000000000000000>
|| | | "bop-config" = <820650040000000000000000>
|| | | }
|| | }
|| | +-o AppleTAS5770Lamp <class AppleTAS5770Lamp, id 0x10000036c, registered, matched, active, busy 0 (26
ms), retain 13>
|| | {
|| | | "IOClass" = "AppleTAS5770Lamp"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleTAS5770Lamp"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "CodecRegisterDisplayBase" = 0x10
|| | | "IOPowerManagement" =
{"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"DriverPowerState"=0x1}
|| | | "IOFunctionParent00000034" = <>
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = ("audio-control,tas5770")
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "CodecRegisterStartIndex" = 0x0
|| | | "CodecRegisterPatchList" = ()
|| | | "IONameMatched" = "audio-control,tas5770"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleTAS5770Lamp"
|| | | "IOFunctionParent000000FF" = <>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleTAS5770Lamp"
|| | | }
|| | }
|| | +-o audio-tas5770L-sprk-left-front@32 <class AppleARMIODevice, id 0x100000134, registered, matched, active,
busy 0 (23 ms), retain 8>
|| | {
|| | | "device_type" = <617564696f2d636f6e74726f6c00>
|| | | "reg" = <32000000c40900000000000000000000>
|| | | "IOUserClientClass" = "AppleARMIOUserClient"
|| | | "name" = <617564696f2d746173353737304c2d73706b722d6c6566742d66726f6e7400>
|| | | "AAPL,phandle" = <35000000>
|| | | "compatible" = <617564696f2d636f6e74726f6c2c7461733537373000>
|| | | }
|| | }
|| | +-o i2c2@35018000 <class AppleARMIODevice, id 0x100000135, registered, matched, active, busy 0 (633 ms),
retain 9>
|| | {
|| | | "gpio-iic_scl" = <a30000000201010041500000>
|| | | "compatible" = <6932632c7438313031006932632c73356c3839343078006969632c736f667400>
|| | | "gpio-iic_sda" = <a20000000201010041500000>
|| | | "interrupt-parent" = <70000000>
|| | | "interrupts" = <75020000>
|| | | "clock-gates" = <29000000>
|| | | "clock-ids" = <04000000>
|| | | "#address-cels" = <01000000>
|| | | "reg" = <0080013500000000000040000000000000>
|| | | }
```

```
|| || "device_type" = <69326300>
|| || "#size-cells" = <03000000>
|| || "AAPL,phandle" = <36000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000070")
|| || "IOInterruptSpecifiers" = (<75020000>)
|| || "function-device_reset" = <870000005453524129000000>
|| || "IODeviceMemory" = ({"address"=0x235018000,"length"=0x4000})
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
|| || "IOReportLegendPublic" = Yes
|| || "name" = <6932633200>
|| || }
|| || }
|| || }
|| | +-o AppleS5L8940X12CController <class AppleS5L8940X12CController, id 0x10000026b, !registered, !matched,
active, busy 0 (381 ms), retain 5>
|| | | {
|| | | | "IOClass" = "AppleS5L8940X12CController"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleS5L8940X12C"
|| | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | "IOPlatformWakeAction" = 0x1f4
|| | | | "IOPlatformSleepAction" = 0x1f4
|| | | | "IOProbeScore" = 0x3e8
|| | | | "IONameMatch" = "i2c,s5l8940x"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IONameMatched" = "i2c,s5l8940x"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleS5L8940X12C"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleS5L8940X12C"
|| | | | }
|| | | }
|| | +-o audio-codec-output@48 <class AppleARMIODevice, id 0x100000136, registered, matched, active, busy 0
(385 ms), retain 8>
|| | | {
|| | | | "IOInterruptSpecifiers" = (<b700000001000000>)
|| | | | "enable-ringsense" = <>
|| | | | "samplerate-subset" = <0000000080bb000000000000000000000>
|| | | | "AAPL,phandle" = <37000000>
|| | | | "bits-per-sample-subset" = <18000000>
|| | | | "external-power-provider" = <01010000>
|| | | | "ringsense-inverted" = <>
|| | | | "IOReportLegendPublic" = Yes
|| | | | "private" = <3100>
|| | | | "function-codecinput_master" = <040100003144554163327061>
|| | | | "IOInterruptControllers" = ("IOInterruptController00000077")
|| | | | "IOUserClientClass" = "AppleARMIOUserClient"
|| | | | "name" = <617564696f2d636f6465632d6f757470757400>
|| | | | "interrupt-parent" = <77000000>
|| | | | "function-reset" = <7900000004f4950470b00000001000000>
|| | | | "compatible" = <617564696f2d636f6e74726f6c2c637334326c383300>
|| | | | "interrupts" = <b700000001000000>
|| | | | "PowerOffAtSleep" = <01000000>
|| | | | "mic-config" = <0100ffffffff>
|| | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IO$
|| | | | "device_type" = <617564696f2d636f6e74726f6c00>
|| | | | "samplerate-default" = <0000000080bb0000>
|| | | | "reg" = <48000000c4090000000000000000000000>
|| | | | "function-codecinput_active" = <f900000052733269336e6970>
|| | | | }
|| | | }
|| | +-o AppleCS42L83Audio <class AppleCS42L83Audio, id 0x1000003af, registered, matched, active, busy 0 (255
ms), retain 16>
|| | | {
|| | | | "IOClass" = "AppleCS42L83Audio"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleCS42L83Audio"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"DriverPowerState"
=0x1}
|| | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | "CodecRegisterStartIndex" = 0x0
|| | | | "IOProbeScore" = 0x0
|| | | | "MicDetect" = No
|| | | | "HPDetect" = No
|| | | | "IONameMatch" = ("audio-control,cs42l83")
|| | | | "IOFunctionParent00000037" = <>
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleCS42L83Audio"
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleCS42L83Audio"
|| | | | "CodecRegisterPatchList" = ()
|| | | | "IONameMatched" = "audio-control,cs42l83"
|| | | | "DetectConfidence" = "CompleteFinal"
|| | | | "ButtonDetect" = No
|| | | | "IOFunctionParent00000102" = <>
|| | | | "CodecRegisterDisplayBase" = 0x10
|| | | | }
|| | | }
|| | +-o AppleCS42L83Mikey <class AppleCS42L83Mikey, id 0x1000004dc, registered, matched, active, busy 0
(254 ms), retain 9>
|| | | {
|| | | | "MaxOutputReportSize" = 0x0
|| | | | "InputReportElements" =
{"ReportID"=0x0,"ElementCookie"=0x7,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,
"ReportSize"=0x8,"Usage"=0x0}
|| | | | "ReportInterval" = 0x1f40
|| | | | "PrimaryUsagePage" = 0xc
|| | | | "IOCFPluginTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin",40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin",7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
|| | | | "IOUserClientClass" = "IOHIDLibUserClient"
```

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|| | | "DeviceTypeHint" = "Headset"
|| | | "Product" = "Headset"
|| | | "DeviceOpenedByEventSystem" = Yes
|| | | "PrimaryUsage" = 0x1
|| | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xc,"DeviceUsage"=0x1})
|| | | "HIDDefaultBehavior" = Yes
|| | | "Transport" = "Audio"
|| | | "AppleVendorSupported" = Yes
|| | | "ReportDescriptor" = <050c0901a101050c09cd09ea09e91500250195037501810295058105c0>
|| | | "MaxFeatureReportSize" = 0x0
|| | | "Elements" =
({ "ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({ "VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xc,"Max"=0x1,"IsArray"=No,"Type"=0x2,"Size"=0x1,"Min"=0x0,"Flags"=0x2,"ReportID"=0x0,"Usage"=0xcd,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x1,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x1,"ElementCookie"=0x4}, {"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xc$
|| | | | "Manufacturer" = "Apple"
|| | | | "MaxInputReportSize" = 0x1
|| | | | }
|| | | | }
|| | | ++-o IOHIDInterface <class IOHIDInterface, id 0x1000004e0, registered, matched, active, busy 0 (253 ms), retain 10>
|| | | | {
|| | | | | "MaxOutputReportSize" = 0x0
|| | | | | "DebugState" =
({ "ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
|| | | | | "DeviceOpenedByEventSystem" = Yes
|| | | | | "IOServiceDXTEntitlements" = ("com.apple.developer.driverkit.transport.hid")
|| | | | | "Product" = "Headset"
|| | | | | "PrimaryUsage" = 0x1
|| | | | | "IODEXMatchCount" = 0x1
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xc,"DeviceUsage"=0x1})
|| | | | | "Transport" = "Audio"
|| | | | | "ReportInterval" = 0x1f40
|| | | | | "ReportDescriptor" = <050c0901a101050c09cd09ea09e91500250195037501810295058105c0>
|| | | | | "HIDDefaultBehavior" = Yes
|| | | | | "Manufacturer" = "Apple"
|| | | | | "PrimaryUsagePage" = 0xc
|| | | | | "MaxFeatureReportSize" = 0x0
|| | | | | "MaxInputReportSize" = 0x1
|| | | | | }
|| | | | }
|| | | ++-o AppleUserHIDEventDriver <class AppleUserHIDEventService, id 0x100000b5e, registered, matched, active, busy 0 (0 ms), retain 16>
|| | | | {
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "PrimaryUsagePage" = 0xc
|| | | | | "SensorProperties" = {}
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "VersionNumber" = 0x0
|| | | | | "VendorID" = 0x0
|| | | | | "DeviceTypeHint" = "Headset"
|| | | | | "IOUserServerOneProcess" = Yes
|| | | | | "Product" = "Headset"
|| | | | | "Transport" = "Audio"
|| | | | | "IOServiceDXTEntitlements" = "com.apple.developer.driverkit.family.hid.eventservice"
|| | | | | "Manufacturer" = "Apple"
|| | | | | "Keyboard" =
({ "Elements"=({ "VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xc,"Max"=0x1,"IsArray"=No,"Type"=0x2,"Size"=0x1,"Min"=0x0,"Flags"=0x2,"ReportID"=0x0,"Usage"=0xcd,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x1,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x1,"ElementCookie"=0x4}, {"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xc,"Max"=0x1,"IsArray"=No,"Type"=0x2,"Size"=0x1,"Min"=0x0,"Flags"=0x2,"ReportID"=0x0,"U$
|| | | | | "IOUserServerCDHash" = "0fd93ac7fc90b7777d1629c3fd6155600bcd22a4"
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xc,"DeviceUsage"=0x1})
|| | | | | "IOPersonalityPublisher" = "com.apple.AppleUserHIDDrivers"
|| | | | | "RegisterService" = No
|| | | | | "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
|| | | | | "IOUserServerName" = "com.apple.driverkit.AppleUserHIDDrivers"
|| | | | | "ReportInterval" = 0x0
|| | | | | "VendorIDSource" = 0x0
|| | | | | "IOMatchedPersonality" =
({ "IOClass"="AppleUserHIDEventService","CFBundleIdentifier"="com.apple.AppleUserHIDDrivers","IOProviderClass"="IOHIDInterface","IOUserServerCDHash"="0fd93ac7fc90b7777d1629c3fd6155600bcd22a4","IOProbeScore"=0x1,"IOUserServerName"="com.apple.driverkit.AppleUserHIDDrivers","IOMatchDefer"=Yes,"DeviceUsagePairs"=({"DeviceUsagePage"=0x1,"DeviceUsage"=0x1}, {"DeviceUsagePage"=0x1,"DeviceUsage"=0x2}, {"DeviceUsagePage"=0x1,"DeviceUsage"=0x5}, {"DeviceUsagePage"=0x1,"DeviceUsage"=0x4}, {"DeviceUsagePage"=$
|| | | | | "HIDEventServiceProperties" =
({ "HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"PressCountTriplePressTimeout"=0xf4240,"HIDSlowKeysDelay"=0x0,"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x02,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"= {"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"= {"Version"=0x1,"Behaviors"= {"BehaviorID"=0x1}}, "HIDP$
|| | | | | "CFBundleIdentifier" = "com.apple.AppleUserHIDDrivers"
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | | | "IOMatchDefer" = Yes
|| | | | | "IOProviderClass" = "IOHIDInterface"
|| | | | | "IOUserClass" = "AppleUserHIDEventDriver"
|| | | | | "LocationID" = 0x0
|| | | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOHIDFamily"
|| | | | | "IOClass" = "AppleUserHIDEventService"
|| | | | | "PrimaryUsage" = 0x1
|| | | | | "CountryCode" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "SensorPropertySupported" = 0x0
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "IOProbeScore" = 0x47f
|| | | | | "HIDDKStart" = Yes
|| | | | | }
|| | | | | }
|| | | | ++-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b6c, !registered, !matched, active, busy 0, retain 6>
|| | | | {

```

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    || |         "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    || |         "IOUserClientCreator" = "pid 420, WindowServer"
    || |         "IOUserClientDefaultLocking" = Yes
    || |     }
    || |
    || |     +-o i2c3@3501C000 <class AppleARMIODevice, id 0x100000137, registered, matched, active, busy 0 (291 ms),
retain 10>
    || |     {
    || |         "gpio-iic_scl" = <490000000201010041500000>
    || |         "compatible" = <6932632c7438313031006932632c73356c3839343078006969632c736f667400>
    || |         "gpio-iic_sda" = <480000000201010041500000>
    || |         "interrupt-parent" = <70000000>
    || |         "interrupts" = <76020000>
    || |         "clock-gates" = <2a000000>
    || |         "clock-ids" = <04000000>
    || |         "#address-cells" = <01000000>
    || |         "reg" = <00c00135000000000040000000000000>
    || |         "device_type" = <69326300>
    || |         "#size-cells" = <03000000>
    || |         "AAPL,phandle" = <38000000>
    || |         "IOInterruptControllers" = ("IOInterruptController00000070")
    || |         "IOInterruptSpecifiers" = (<76020000>)
    || |         "function-device_reset" = <87000000545352412a000000>
    || |         "IODeviceMemory" = ({"address"=0x23501c000,"length"=0x4000}))
    || |         "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)", "IOReportChannels"=(("0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)" ),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)" ),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
    || |         "IOReportLegendPublic" = Yes
    || |         "name" = <6932633300>
    || |     }
    || |
    || |     +-o AppleS5L8940X12CController <class AppleS5L8940X12CController, id 0x10000026d, !registered, !matched,
active, busy 0 (42 ms), retain 6>
    || |     {
    || |         "IOClass" = "AppleS5L8940X12CController"
    || |         "CFBundleIdentifier" = "com.apple.driver.AppleS5L8940X12C"
    || |         "IOProviderClass" = "AppleARMIODevice"
    || |         "IOPlatformWakeAction" = 0x1f4
    || |         "IOPlatformSleepAction" = 0x1f4
    || |         "IOProbeScore" = 0x3e8
    || |         "IONameMatch" = "i2c,s5l8940x"
    || |         "IOMatchedAtBoot" = Yes
    || |         "IOMatchCategory" = "IODefaultMatchCategory"
    || |         "IONameMatched" = "i2c,s5l8940x"
    || |         "IOPersonalityPublisher" = "com.apple.driver.AppleS5L8940X12C"
    || |         "CFBundleIdentifierKernel" = "com.apple.driver.AppleS5L8940X12C"
    || |     }
    || |
    || |     +-o audio-tas5770L-spkr-right-rear@34 <class AppleARMIICDevice, id 0x100000138, registered, matched,
active, busy 0 (40 ms), retain 8>
    || |     {
    || |         "device_type" = <617564696f2d636f6e74726f6c00>
    || |         "reg" = <34000000c4090000000000000000000000>
    || |         "IOUserClientClass" = "AppleARMIICUserClient"
    || |         "name" = <617564696f2d746173353737304c2d73706b722d72696768742d7265617200>
    || |         "AAPL,phandle" = <39000000>
    || |         "compatible" = <617564696f2d636f6e74726f6c2c7461733537373000>
    || |     }
    || |
    || |     +-o audio-tas5770L-spkr-right-front@35 <class AppleARMIICDevice, id 0x100000139, registered, matched,
active, busy 0 (22 ms), retain 8>
    || |     {
    || |         "device_type" = <617564696f2d636f6e74726f6c00>
    || |         "reg" = <35000000c4090000000000000000000000>
    || |         "IOUserClientClass" = "AppleARMIICUserClient"
    || |         "name" = <617564696f2d746173353737304c2d73706b722d72696768742d66726f6e7400>
    || |         "AAPL,phandle" = <3a000000>
    || |         "compatible" = <617564696f2d636f6e74726f6c2c7461733537373000>
    || |     }
    || |
    || |     +-o i2c4@35020000 <class AppleARMIODevice, id 0x10000013a, registered, matched, active, busy 0 (291 ms),
retain 10>
    || |     {
    || |         "gpio-iic_scl" = <870000000201010041500000>
    || |         "compatible" = <6932632c7438313031006932632c73356c3839343078006969632c736f667400>
    || |         "gpio-iic_sda" = <860000000201010041500000>
    || |         "interrupt-parent" = <70000000>
    || |         "interrupts" = <77020000>
    || |         "clock-gates" = <2b000000>
    || |         "clock-ids" = <04000000>
    || |         "#address-cells" = <01000000>
    || |         "reg" = <00000235000000000040000000000000>
    || |         "device_type" = <69326300>
    || |         "#size-cells" = <03000000>
    || |         "AAPL,phandle" = <3b000000>
    || |         "IOInterruptControllers" = ("IOInterruptController00000070")
    || |         "IOInterruptSpecifiers" = (<77020000>)
    || |         "function-device_reset" = <87000000545352412b000000>
    || |         "IODeviceMemory" = ({"address"=0x235020000,"length"=0x4000}))
    || |         "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)", "IOReportChannels"=(("0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)" ),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)" ),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
    || |         "IOReportLegendPublic" = Yes
    || |         "name" = <6932633400>
    || |     }
    || |
    || |     +-o AppleS5L8940X12CController <class AppleS5L8940X12CController, id 0x10000026f, !registered, !matched,
active, busy 0 (39 ms), retain 6>
    || |     {
    || |         "IOClass" = "AppleS5L8940X12CController"
    || |         "CFBundleIdentifier" = "com.apple.driver.AppleS5L8940X12C"
```

```
    | | | "IOProviderClass" = "AppleARMIODevice"
    | | | "IOPlatformWakeAction" = 0x1f4
    | | | "IOPlatformSleepAction" = 0x1f4
    | | | "IOProbeScore" = 0x3e8
    | | | "IONameMatch" = "i2c,s518940x"
    | | | "IOMatchedAtBoot" = Yes
    | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | "IONameMatched" = "i2c,s518940x"
    | | | "IOPersonalityPublisher" = "com.apple.driver.AppleS5L8940X12C"
    | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleS5L8940X12C"
    | | | }
    | | | }
    | | | +-o dfr-drv@4C <class AppleARMIICDevice, id 0x10000013b, registered, matched, active, busy 0 (29 ms), retain
7>
    | | | {
    | | |   "reg" = <4c00000c409000000000000000000000>
    | | |   "IOUserClientClass" = "AppleARMIICUserClient"
    | | |   "name" = <6466722d64727600>
    | | |   "AAPL,phandle" = <3c000000>
    | | | }
    | | | }
    | | | +-o grape-cal@50 <class AppleARMIICDevice, id 0x10000013c, registered, matched, active, busy 0 (39 ms),
retain 7>
    | | | {
    | | |   "reg" = <5000000c409000000000000000000000>
    | | |   "page-size" = <00010000>
    | | |   "IOUserClientClass" = "AppleARMIICUserClient"
    | | |   "name" = <67726170652d63616c00>
    | | |   "AAPL,phandle" = <3d000000>
    | | | }
    | | | }
    | | | +-o fpwm@35044000 <class AppleARMIODevice, id 0x10000013d, registered, matched, active, busy 0 (59 ms),
retain 9>
    | | | {
    | | |   "interrupt-parent" = <70000000>
    | | |   "compatible" = <6670776d2c7438313031006670776d2c73356c383932307800>
    | | |   "reg" = <00400435000000000040000000000000>
    | | |   "interrupts" = <79020000>
    | | |   "IODeviceMemory" = ({"address"=0x235044000,"length"=0x4000})
    | | |   "clock-gates" = <25000000>
    | | |   "IOInterruptControllers" = ("IOInterruptController00000070")
    | | |   "IOInterruptSpecifiers" = <79020000>
    | | |   "device_type" = <6670776d00>
    | | |   "AAPL,phandle" = <3e000000>
    | | |   "name" = <6670776d00>
    | | | }
    | | | }
    | | | +-o AppleS5L8920XFPWM <class AppleS5L8920XFPWM, id 0x100000271, registered, matched, active, busy 0 (48
ms), retain 6>
    | | | {
    | | |   "IOProbeScore" = 0x0
    | | |   "CFBundleIdentifier" = "com.apple.driver.AppleS5L8920XFPWM"
    | | |   "IOProviderClass" = "AppleARMIODevice"
    | | |   "IOClass" = "AppleS5L8920XFPWM"
    | | |   "IOPersonalityPublisher" = "com.apple.driver.AppleS5L8920XFPWM"
    | | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleS5L8920XFPWM"
    | | |   "IOMatchedAtBoot" = Yes
    | | |   "IONameMatch" = "fpwm,s518920x"
    | | |   "IOMatchCategory" = "IODefaultMatchCategory"
    | | |   "IONameMatched" = "fpwm,s518920x"
    | | |   "IOFunctionParent0000003E" = <>
    | | | }
    | | | }
    | | | +-o kbd-backlight@0 <class AppleARMPWMDevice, id 0x10000013e, registered, matched, active, busy 0 (48
ms), retain 7>
    | | | {
    | | |   "nits-to-pwm-percentage-part1" =
<8f020000a430000052b8010085eb03005c0f0600d7e307001f050900ec110a00291c0b0052380c00e13a0d0033330e0
0b81e0f001f4510009ad9100066e61100cdcc120085eb1200f6a813003dca1400b89e1500717d16000a5717006626180033
331900>
    | | |   "IOFunctionParent0000003F" = <>
    | | |   "high-period" = 0x2d
    | | |   "AAPL,phandle" = <3f000000>
    | | |   "reg" = <00000000>
    | | |   "low-period" = 0x393
    | | |   "device_type" = <6670776d00>
    | | |   "pwm-frequency" = 0x16e3600
    | | |   "amplitude" = 0x100000000
    | | |   "enabled" = Yes
    | | |   "default-hz" = <a8610000>
    | | |   "nits-to-pwm-percentage-part2" =
<cddcc02009a9905006666080033330b0000000e00cdcc10009a991300666616003333190000001c00cdcc1e009a9921
00666624003333270000002a00cdcc2c009a992f00666632003333350000003800cdcc3a009a993d00666640003333
430000004600>
    | | |   "name" = <6b62642d6261636b6c6967687400>
    | | | }
    | | | }
    | | | +-o alc0 <class AppleARMIODevice, id 0x10000013f, registered, matched, active, busy 0 (1358 ms), retain 9>
    | | | {
    | | |   "function-aop-device-control-id" = <69617068>
    | | |   "compatible" = <616c632c7438313033300>
    | | |   "dma-channels" =
<ffffff000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
0c0030000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000100000022000000000000006009000c0030000000000000000000000000000000>
    | | |   "external-power-provider" = <b20000081000000>
    | | |   "function-aop-device-control" = <81000006c744367>
    | | |   "function-admac_powerswitch" = <b200000043535061>
    | | |   "alc-number" = <00000000>
    | | |   "dma-parent" = <b2000000>
    | | |   "device_type" = <69327300>
    | | |   "AAPL,phandle" = <40000000>
    | | |   "name" = <616c633000>
    | | | }
    | | | }
    | | | +-o AppleLEAPController_T8103 <class AppleLEAPController_T8103, id 0x100000272, registered, matched, active,
busy 0 (1 ms), retain 14>
    | | | {
```

```

    | | | "IOClass" = "AppleLEAPController_T8103"
    | | | "CFBundleIdentifier" = "com.apple.driver.AppleMCA2-T8103"
    | | | "IOProviderClass" = "AppleARMIODevice"
    | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | | "IOProbeScore" = 0x0
    | | | "IONameMatch" = ("alc,t8103")
    | | | "IOMatchedAtBoot" = Yes
    | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | "mca-uses-iopm-overrides" = "true"
    | | | "IONameMatched" = "alc,t8103"
    | | | "IOPersonalityPublisher" = "com.apple.driver.AppleMCA2-T8103"
    | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMCA2-T8103"
    | | | }
    | | | }
    | | | }
    | | | +-o audio-leap-mic@4201 <class AppleARMIODevice, id 0x100000140, registered, matched, active, busy 0 (1
ms), retain 9>
    | | | {
    | | | | "private" = <3100>
    | | | | "device-uid" = <4469676974616c204d696300>
    | | | | "input-data-selectors" = <31696d6932696d6933696d69>
    | | | | "compatible" = <617564696f2d646174612c65787465726e616c00>
    | | | | "AAPL,phandle" = <41000000>
    | | | | "reg" = <014200003000100001bb700fa000100300001000000000070000000003002001000000>
    | | | | "Name" = "audio-leap-mic"
    | | | | "device_type" = <6c6561702d617564696f2d6461746100>
    | | | | "data-sources" = <61327061040000001000100000000080bb00004c656170204d696300>
    | | | | "audio-stream-formatter" = <7061656c>
    | | | | "default-input-data-selectors" = <31696d6932696d6933696d69>
    | | | | "device-name" = <4469676974616c204d696300>
    | | | | "name" = <617564696f2d6c6561702d6d696300>
    | | | | }
    | | | | }
    | | | | }
    | | | +-o Digital Mic <class AppleExternalSecondaryAudio, id 0x1000007c3, registered, matched, active, busy 0 (80
ms), retain 10>
    | | | {
    | | | | "exclusive access owner" = 0xffffffffffffff
    | | | | "IOFunctionParent00000041" = <>
    | | | | "IOMatchedAtBoot" = Yes
    | | | | "transport type" = 0x626c746e
    | | | | "controls" = ({"control ID"=0x12c,"variant"=0x0,"selectors"={"value"=0x61703261,"name"="Leap
Mic"},"scope"=0x676c6f62,"element"=0x0,"class"=0x64737263,"value"=0x61703261,"base class"=0x736c6374,"read
only"=0x0},{"control ID"=0x130,"variant"=0x0,"selectors"={"value"=0x696d6931,"name"="Internal microphone1 "},
{"value"=0x696d6932,"name"="Internal microphone2 "}, {"value"=0x696d6933,"name"="Internal microphone3
"}),"scope"=0x696e7074,"element"=0x0,"class"=0x64737263,"value"=(0x696d6931,0x696d6932,0x696d6933),"base
class"=0x$
    | | | | "input safety offset" = 0x72
    | | | | "output latency" = 0x1
    | | | | "device name" = "Digital Mic"
    | | | | "IONameMatched" = "audio-data,external"
    | | | | "output streams" = ()
    | | | | "input streams" = ({"stream ID"=0x64,"starting channel"=0x1,"available formats"={"bytes per
frame"=0xc,"channels per frame"=0x3,"bits per channel"=0x20,"format flags"=0x9,"max sample
rate"=0xbb8000000000,"bytes per packet"=0xc,"frames per packet"=0x1,"format ID"=0x6c70636d,"min sample
rate"=0xbb8000000000},"current format"={"bytes per frame"=0xc,"sample rate"=0xbb8000000000,"channels per
frame"=0x3,"bits per channel"=0x20,"format flags"=0x9,"bytes per packet"=0xc,"frames per packet"=0x1,"format
ID"=0x6c70636d},"terminal$
    | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedAudio"
    | | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | | | | "custom property info" = ({"property selector"=0x4d434373,"registry key"="maxChannelCount"})
    | | | | | "sample rate" = 0xbb8000000000
    | | | | | "safety-offset-seed-divisor" = 0x2ee
    | | | | | "device UID" = "Digital Mic"
    | | | | | "IOReporters" = Yes
    | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedAudio"
    | | | | | "output safety offset" = 0x40
    | | | | | "is private" = Yes
    | | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | | "bidirectional" = No
    | | | | | "is running" = No
    | | | | | "IONameMatch" = "audio-data,external"
    | | | | | "IOReportLegendPublic" = Yes
    | | | | | "IOClass" = "AppleExternalSecondaryAudio"
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedAudio"
    | | | | | "input latency" = 0x0
    | | | | | "device manufacturer" = "Apple Inc."
    | | | | | "current state" = "off"
    | | | | | "IOMatchCategory" = "AppleSecondaryAudio"
    | | | | | "clock domain" = 0x6d61696e
    | | | | | "IOProbeScore" = 0x0
    | | | | | "io buffer frame size" = 0x3de0
    | | | | | "IOReportLegend" = ({"IOReportGroupName"="Digital
Mic","IOReportChannels"=((0x5359534c4153544d,0x180000001,"Sleep cycles with active streams"),
(0x5a53544259584652,0x180000001,"Zero start byte transfers"),(0x4f42534259584652,0x180000001,"Out-of-bounds
start byte
transfer")),{"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Misc.
Debug Status"}, {"IOReportGroupName"="Digital Mic"},"IOReportChannels"=((0x49e444d414d5247,0x2100040003,"Input
DMA Margin")), {"IOReportChannelInfo"={"IOReportCh$
    | | | | | "maxChannelCount" = {"MaxInputChannelCount"=0x3,"MaxOutputChannelCount"=0x0}
    | | | | | }
    | | | | | }
    | | | | | }
    | | | | +-o IOAudio2DeviceUserClient <class IOAudio2DeviceUserClient, id 0x100000b2f, registered, !matched,
active, busy 0, retain 5>
    | | | | {
    | | | | | "IOUserClientCreator" = "pid 445, coreaudiod"
    | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | +-o dispdfr@2820000 <class AppleARMIODevice, id 0x100000141, registered, matched, active, busy 0 (1391 ms),
retain 10>
    | | | {
    | | | | "IOInterruptSpecifiers" = (<f6010000>,<fa010000>,<fb010000>,<f7010000>)
    | | | | "display-carveout-inhibitcache" = <01000000>
    | | | | "dfr-display" = <01000000>
    | | | | "clock-gates" = <3f010000700100007101000074010000>
    | | | | "AAPL,phandle" = <42000000>

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    || || "dot-pitch" = <da000000>
    || || "IODeviceMemory" = ({("address"=0x22820000,"length"=0x4000)},
({("address"=0x22820c000,"length"=0x4000)},{"address"=0x228400000,"length"=0x4000}),
({("address"=0x2284c0000,"length"=0x4000)},{"address"=0x228500000,"length"=0x4000}),
({("address"=0x228540000,"length"=0x4000)},{"address"=0x228580000,"length"=0x4000}),
({("address"=0x2285c0000,"length"=0x4000)},{"address"=0x2287c0000,"length"=0x4000}))
    || || "display-default-color" = <00000000>
    || || "IOReportLegendPublic" = Yes
    || || "function-lcd_enable" = <440000004564636c>
    || || "iommu-parent" = <46000000>
    || || "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptControlle
r00000070")
    || || "name" = <6469737064667200>
    || || "interrupt-parent" = <70000000>
    || || "compatible" = <646973706466722c743831303300>
    || || "interrupts" = <f6010000fa010000fb010000f7010000>
    || || "IOReportLegend" = ({("IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)",
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)",
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),,"IORepo$
    || || "device_type" = <646973706c61796466722d73756273797374656d00>
    || || "power-gates" = <3f010000>
    || || "reg" =
<000020280000000000c0000000000000c0202800000000040000000000000402800000000040000000
000000004c2800000000400000000000000050280000000040000000000000054280000000040000
00000000000582800000000400000000000000005c2800000000040000000000000007c280000000004
00000000000000>
    || || }
    || || }
    || | +-o AppleMobileADBE0 <class AppleMobileADBE0, id 0x10000274, registered, matched, active, busy 0 (1035
ms), retain 9>
    || || | {
    || || | | "MaxVideoSrcDownscalingWidth" = 0x1000
    || || | | "maxPeakBpp" = 0x0
    || || | | "BacklightMatching" = {"IOPropertyMatch"={"backlight-control"=Yes}}
    || || | | "QoSDebug" = 0x0
    || || | | "IOPersonalityPublisher" = "com.apple.driver.AppleMobileDispH13G-DFR"
    || || | | "IdleState" = 0x5
    || || | | "ESDThresholdMS" = 0x0
    || || | | "VRRDivisor" = 0x20000
    || || | | "IOMFBTestBacklightDimValue" = 0x0
    || || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || || | | "PowerGateFrontEndIdle" = 0x1
    || || | | "VRRIdle" = 0x0
    || || | | "clockRatio" = 0x0
    || || | | "VideoClock" = 0x0
    || || | | "MemCacheState" = No
    || || | | "PowerGateADIdleThreshold" = 0x3
    || || | | "enableDarkEnhancer" = No
    || || | | "gamutConversionPipe0" = 0x0
    || || | | "IdleCachingMethod" = 0x0
    || || | | "IOMatchedAtBoot" = Yes
    || || | | "PixelClock" = 0x0
    || || | | "IOProbeScore" = 0x0
    || || | | "enableDither" = Yes
    || || | | "IOClass" = "AppleMobileADBE0"
    || || | | "SystemConsoleMode" = No
    || || | | "MaxSubtitleRegions" = 0x0
    || || | | "DisplayPipeStrideRequirements" =
{"StrideLinearVertical"=0x1,"StrideTiledHorizontal"=0x100,"StrideLinearHorizontal"=0x40,"StrideTiledVertical"=0x10}
    || || | | "IOMFB_KTRACE_APL_VERSION" = "3.0"
    || || | | "enableSubPixelLayoutCompensation" = No
    || || | | "IONameMatched" = "dispdftr8103"
    || || | | "dfr" = Yes
    || || | | "VRRBurnInCooldownThreshold" = 0x3c
    || || | | "VRRBurnInCooldownEnabled" = No
    || || | | "IOReportLegend" = ({("IOReportGroupName"="IOMFB
Reporting","IOReportChannels"=((0x494f4d46424e4154,0x100020001),
(0x494f4d4642435553,0x100020001)),,"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"=
"Total native/custom refresh rate"},"IOReportGroupName"="IOMFB
Reporting","IOReportChannels"=((0x494f4d4642555352,0x600020003)),,"IOReportChannelInfo"={"IOReportChannelConfi
g"=<0100000000000000000000000000000060000000>,"IOReportChannelUnit"=0x9000000000000000},"IOReportSubGroupNam
e"="VBIs between user swaps"})
    || || | | "DisplayPipePlaneBaseAlignment" =
{"TileY_Alignment"=0x10,"PlaneBaseAlignmentLinear"=0x40,"PlaneBaseAlignmentTiled"=0x1000,"LinearY_Alignment"=0x1,
"LinearX_Alignment"=0x40,"DefaultStride"=0x0,"TileX_Alignment"=0x100}
    || || | | "CFBundleIdentifier" = "com.apple.driver.AppleMobileDispH13G-DFR"
    || || | | "VRRIdleThreshold" = 0x5
    || || | | "enableGammaCorrection" = Yes
    || || | | "enableADBEColorManager" = No
    || || | | "requestPixelBacklightModulation" = No
    || || | | "forcePixelBacklightModulation" = 0x2
    || || | | "PowerGateADIdleEnabled" = Yes
    || || | | "SPLCSupported" = No
    || || | | "SystemIdlenessEnabled" = Yes
    || || | | "VRRIdleEnabled" = No
    || || | | "enableVideoCaching" = No
    || || | | "IOFunctionParent00000042" = <>
    || || | | "IOMFBMaxSrcPixels" =
{"PixelClock"=0x0,"MaxSrcRectTotal"=0x1000000,"MaxSrcBufferHeight"=0x10000,"VideoClock"=0x0,"MaxSrcRectWidth"
=0x1000,"MaxSrcBufferWidth"=0x10000,"MaxVideoSrcDownscalingWidth"=0x1000}
    || || | | "IOMFBSupportsYFlip" = Yes
    || || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMobileDispH13G-DFR"
    || || | | "IOReportLegendPublic" = Yes
    || || | | "IOMFB Debug Info" = {}
    || || | | "enablePLCMode" = No
    || || | | "VRRBurnInEnabled" = No
    || || | | "maxAverageBpp" = 0x0
    || || | | "gamutConversionPipe1" = 0x0
    || || | | "SystemIdlenessThreshold" = 0x1e
    || || | | "IOMFBSupportsXFlip" = Yes
    || || | | "IOProviderClass" = "AppleARMIODevice"
    || || | | "ALSSRGBCoeffsPrecision" = 0x8
    || || | | "IOMFBDisplayRefresh" =
{"displayRefreshStepMachTime"=0x0,"displayRefreshStep"=0x0,"displayMaxRefreshInterval"=0x0,"displayMinRefreshInter
```



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| | | "IOMatchedAtBoot" = Yes
| | | "IOMatchCategory" = "IODefaultMatchCategory"
| | | "IONameMatched" = "Icd,summit"
| | | "IOPersonalityPublisher" = "com.apple.driver.AppleSummitLCD"
| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSummitLCD"
| | | }
| | | }
| | | }
| | +--o dart-dispdfr@28304000 <class AppleARMIODevice, id 0x100000144, registered, matched, active, busy 0 (291
ms), retain 9>
| | | {
| | | | "IOInterruptSpecifiers" = (<f8010000>)
| | | | "AAPL,phandle" = <45000000>
| | | | "bypass" = <00000000>
| | | | "instance" = <545241444441525400000000554d4d53534d4d5500000000>
| | | | "IODeviceMemory" = ({("address"=0x228304000,"length"=0x4000)),
({("address"=0x228300000,"length"=0x4000}))
| | | | "IOReportLegendPublic" = Yes
| | | | "tlb-invalid-refetch" = <>
| | | | "dart-options" = <05000000>
| | | | "IOInterruptControllers" = ("IOInterruptController00000070")
| | | | "name" = <646172742d6469737064667200>
| | | | "interrupt-parent" = <70000000>
| | | | "compatible" = <646172742c743830323000>
| | | | "page-size" = <00400000>
| | | | "interrupts" = <f8010000>
| | | | "diag-config" = <00210080>
| | | | "real-time" = <>
| | | | "bypass-address" = <00000000000000000000000000000000>
| | | | "dart-tunables-instance-0" =
<6000000004000000006100800000000000000006100800000000068000000040000000f0f0f0000000000f0f0f000000000
006c000000004000000fffff00000000000000808080000000000>
| | | | "smmu-clock-gating" = <>
| | | | "error-reflector" = <00c0ff3c02000000>
| | | | "device_type" = <6461727400>
| | | | "IOReportLegend" = ({("IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=({(0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)"})), "IORepo$
| | | | "reg" = <00403028000000000004000000000000000000003028000000000400000000000000>
| | | | "sids" = <03000000>
| | | | }
| | | | }
| | | | }
| | | | }
| | | +--o AppleT8020DART <class AppleT8020DART, id 0x100000276, registered, matched, active, busy 0 (46 ms),
retain 9>
| | | | {
| | | | | "IOClass" = "AppleT8020DART"
| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
| | | | | "IOProviderClass" = "AppleARMIODevice"
| | | | | "IOPlatformActiveAction" = 0x13880
| | | | | "IOUserClientClass" = "IODARTClient"
| | | | | "IOPlatformSleepAction" = 0x13880
| | | | | "IOProbeScore" = 0x0
| | | | | "IONameMatch" = "dart,t8020"
| | | | | "IOMatchedAtBoot" = Yes
| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
| | | | | "IOFunctionParent00000045" = <>
| | | | | "IONameMatched" = "dart,t8020"
| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
| | | | | "iommu-dart-identity" = <45000000>
| | | | | }
| | | | | }
| | | | | }
| | | | +--o mapper-dispdfr@0 <class IODARTMapperNub, id 0x100000145, registered, matched, active, busy 0 (39 ms),
retain 8>
| | | | | {
| | | | | | "tail-padding" = <01000000>
| | | | | | "compatible" = <696f6d6d752d6d617070657200>
| | | | | | "reg" = <00000000>
| | | | | | "iomd-cache-ttl" = <00200000>
| | | | | | "iomd-cache-size" = <64000000>
| | | | | | "device_type" = <646172742d6d617070657200>
| | | | | | "AAPL,phandle" = <46000000>
| | | | | | "name" = <6d61707065722d6469737064667200>
| | | | | | }
| | | | | | }
| | | | | | }
| | | | +--o IODARTMapper <class IODARTMapper, id 0x1000003ad, registered, matched, active, busy 0 (5 ms), retain
39>
| | | | | {
| | | | | | "IOClass" = "IODARTMapper"
| | | | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
| | | | | | "IOProviderClass" = "IODARTMapperNub"
| | | | | | "iommu-dart-translation" = Yes
| | | | | | "IOUserClientClass" = "IODARTMapperClient"
| | | | | | "IOProbeScore" = 0x0
| | | | | | "IONameMatch" = "iommu-mapper"
| | | | | | "IOMatchedAtBoot" = Yes
| | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
| | | | | | "IONameMatched" = "iommu-mapper"
| | | | | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
| | | | | | "IOMapperID" = <46000000>
| | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
| | | | | | }
| | | | | | }
| | | | +--o wlan <class AppleARMIODevice, id 0x100000146, registered, matched, active, busy 0 (6867 ms), retain 12>
| | | | | {
| | | | | | "wifi-module-sn" = <f0001f77ab0f>
| | | | | | "wlan.tx.submission-queue.size" = 0x300
| | | | | | "wlan.fast_enterprise_nw.enabled" = <01000000>
| | | | | | "bcm roam.profiles" =
<0c00f6ff5ff0200b80bb4000200b0041400bfff32001000b5ff80ff02005a001e0001001e000c00bfff3200000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
200b4000c0bfff320000000000000000000000000000000000000000000000000000000000000000000000000000000000000
00000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
| | | | | | "wlan.listen.interval" = <0a000000>

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    || || "interrupt-parent" = <77000000>
    || || "module-instance" = <686f6e73687500>
    || || "wifi-calibration-msf" =
<424c4f428c00000b7c547fa010000000600000030000008c000000dd0300001cdf4421000000003000000690400
00ce0100001cdf442100000000400000037060000d0000001cdf442100000000400000007070000d00000001cdf44
21000000002000000d70700004000000f66413fd000000001000000db070000640000009c90f3410000000db030
50000000100220205000282028201960196019601960196019601960196019601960000bb010000161616161616161616160924004646
c9c6c5c2c0bdbbb7b6b2b1adaba8a6a3a09d9b9695918e8b8985827f7c7875726e6b6662605c5855514c484434004948
c8c4c3bebfbabab5b5b0b0abaaa5a$
    || || "wlan.tx.ring.size" = 0x300
    || || "interrupts" = <c40000002000000>
    || || "local-mac-address" = <a07817745b43>
    || || "wlan.aocac-allowed" = <>
    || || "amfm-managed-port-control" = <>
    || || "wlan.lpas-allowed" = <>
    || || "wlan.wnm.enabled" = <01000000>
    || || "bcm.roam.enterprise" = <01005a001e00070002000000baff0c00baff0c00>
    || || "wlan.enhancedlocale.enabled" = <00000000>
    || || "bcm.ps.default" = <0300c80000000100a00f0000>
    || || "WiFiCapability" = {"awdl"=Yes,"ranging"=Yes}
    || || "wlan.sdb.profile" = <>
    || || "IOInterruptControllers" = ("IOInterruptController00000077")
    || || "wlan.enhancedTrgDisc" = <00000000>
    || || "bcm.roam.default" = <01005a001e00070002000000b5ff1400b5ff0a00>
    || || "wlan.bss.5GHz-preference" = <baff1e00>
    || || "wlan.autocountry.enabled" = <00000000>
    || || "AAPL.phandle" = <47000000>
    || || "wifi-antenna-sku-info" = <01000000000000005830000000000000>
    || || "name" = <776c616e00>
    || || "wlan.voice_enterprise_nw.enabled" = <01000000>
    || || "wlan.enterprise.params" = <07000000>
    || || "wlan.mimo_ps.enabled" = <>
    || || "device_type" = <776c616e00>
    || || "wlan.dfrts" = <>
    || || "wlan.tethering.enabled" = <01000000>
    || || "bcm.wow.magic-packet" = No
    || || "wlan.awdl.params" = <0000000000000000>
    || || "function-sac" = <21010000434341533064636c3164636c>
    || || "bcm.btc.params" = <06000000f00000008000000c8af000009000000983a0000a000000204e0000>
    || || "wlan.llw.tx.ring.size" = 0x200
    || || "bcm.ps.realtime" = <0300c80000000100a00f0000>
    || || "wlan.vo.blockack" = Yes
    || || "wlan.ocl.enabled" = <>
    || || "bcm.roam.enabledenhanced" = <01000000>
    || || "wlan.dfsproxy.enabled" = <0000000000000000>
    || || "IOInterruptSpecifiers" = <(c400000002000000)>
    || || "pcie-throttle-firmware-load" = <01000000>
    || || "wlan.rx.ring.size" = 0x200
    || || }
    || || }
    || | +-o AppleOLYHAL <class AppleOLYHAL, id 0x100000277, registered, matched, active, busy 0 (35 ms), retain 10>
    || | {
    || | | "IOClass" = "AppleOLYHAL"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleOLYHAL"
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8002,"MaxPowerState"=0x1,"DriverPowerState"=
0x0}
    || | | "IOProbeScore" = 0x3e8
    || | | "IONameMatch" = "wlan"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "AppleOLYHAL"
    || | | "FilesDB" = {}
    || | | "LoggingBundleName" = "com.apple.driver.AppleOLYHAL"
    || | | "IONameMatched" = "wlan"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleOLYHAL"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleOLYHAL"
    || | | "IONetworkRootType" = "airport"
    || | | }
    || | | }
    || | | +-o CCLogPipe <class CCLogPipe, id 0x100000279, registered, matched, active, busy 0 (34 ms), retain 10>
    || | | {
    || | | | "LogDataType" = 0x1
    || | | | "IOClass" = "CCLogPipe"
    || | | | "Filename" = "AppleOLYHAL_log"
    || | | | "LogType" = 0x0
    || | | | "Name" = "DriverLogs"
    || | | | "NumberOfFiles" = 0x1
    || | | | "LogIdentifier" = "AppleOLYHAL_log"
    || | | | "PipeSize" = 0x4000
    || | | | "MinLogSizeToNotify" = 0x1999
    || | | | "IOReportLegend" =
{"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001," Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001," Capture
Requests")),IOReportChannelInfo="{IOReportChannelUnit"=0x6400000000000000,"IOReportSubGroupName"="Pipe
DriverLogs"}")
    || | | | "LogPolicy" = 0x0
    || | | | "Owner" = "com.apple.driver.AppleOLYHAL"
    || | | | "FileOptions" = 0x0
    || | | | "NotifyThreshold" = 0x3e8
    || | | | "DirectoryName" = "WiFi"
    || | | | "IOReportLegendPublic" = Yes
    || | | | "Statistics" = {"timestamp"=0x70c3ea642,"Errors"="{metaDataCounts: invalidState"=0x0,"metaDataCounts:
invalidPaddingSize"=0x0,"metaDataCounts: invalidLogLevel"=0x0,"reserveRingEntryDrops"=0x0,"metaDataCounts:
invalidPayloadSize"=0x0}}
    || | | | "PipeType" = 0x0
    || | | | "FileSize" = 0x200000
    || | | | }
    || | | | }
    || | | +-o CCLogStream <class CCLogStream, id 0x10000027a, registered, matched, active, busy 0 (34 ms), retain 9>
    || | | {
    || | | | "IOReportLegend" =
{"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
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|| | |
|| | | +-o CCLogStream <class CCLogStream, id 0x10000029f, registered, matched, active, busy 0 (0 ms), retain 48>
|| | | {
|| | |   "IOClass" = "CCLogStream"
|| | |   "CoreCaptureLevel" = 0x5
|| | |   "Name" = "loggerstream"
|| | |   "Id" = 0x1
|| | |   "LogIdentifier" = "wlan0"
|| | |   "ConsoleFlag" = 0x0
|| | |   "ConsoleLevel" = 0x1
|| | |   "MiscInfo" = 0x0
|| | |   "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001,"
Log Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | |   "IOReportLegendPublic" = Yes
|| | |   "CoreCaptureFlag" = 0x2047b81
|| | |   "NamedFlags" =
{"60"="-","47"="-","54"="-","61"="-","48"="-","55"="-","62"="-","49"="-","56"="-","63"="-","57"="-","58"="-","0"="WlanL
ogDevif","59"="-","1"="WlanLogIqrq","2"="WlanLogCmds","3"="WlanLogPkts","4"="WlanLogEvents","5"="WlanLogPwr","6"
="WlanLogScans","7"="WlanLogInit","10"="WlanLogProximity","8"="WlanLogJoins","9"="WlanLogNet","11"="WlanLogSec
urity","12"="WlanLogDongle","13"="WlanLogMMIO","20"="WlanLogGAS","14"="WlanLogRoams","21"="WlanLogIO","15"="
WlanLogBeacons","22"="WlanLogChipMsgs","16"="WlanLogStack","23"=$
|| | | }
|| | | }
|| | | +-o CCLogStream <class CCLogStream, id 0x100000888, registered, matched, active, busy 0 (0 ms), retain 7>
|| | | {
|| | |   "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001,"
Log Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | |   "Id" = 0x2
|| | |   "CoreCaptureFlag" = 0x0
|| | |   "CoreCaptureLevel" = 0x5
|| | |   "ConsoleLevel" = 0x3
|| | |   "IOClass" = "CCLogStream"
|| | |   "IOReportLegendPublic" = Yes
|| | |   "LogIdentifier" = "io80211"
|| | |   "Name" = "IO80211Logger"
|| | |   "ConsoleFlag" = 0x0
|| | |   "MiscInfo" = 0x0
|| | | }
|| | | }
|| | | +-o CCLogStream <class CCLogStream, id 0x10000098e, registered, matched, active, busy 0 (0 ms), retain 7>
|| | | {
|| | |   "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001,"
Log Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | |   "Id" = 0x3
|| | |   "CoreCaptureFlag" = 0x0
|| | |   "CoreCaptureLevel" = 0x5
|| | |   "ConsoleLevel" = 0x3
|| | |   "IOClass" = "CCLogStream"
|| | |   "IOReportLegendPublic" = Yes
|| | |   "LogIdentifier" = "io80211"
|| | |   "Name" = "IO80211Logger_ap1"
|| | |   "ConsoleFlag" = 0x0
|| | |   "MiscInfo" = 0x0
|| | | }
|| | | }
|| | | +-o CCLogStream <class CCLogStream, id 0x10000099c, registered, matched, active, busy 0 (0 ms), retain 7>
|| | | {
|| | |   "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001,"
Log Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | |   "Id" = 0x4
|| | |   "CoreCaptureFlag" = 0x0
|| | |   "CoreCaptureLevel" = 0x5
|| | |   "ConsoleLevel" = 0x3
|| | |   "IOClass" = "CCLogStream"
|| | |   "IOReportLegendPublic" = Yes
|| | |   "LogIdentifier" = "io80211"
|| | |   "Name" = "IO80211Logger_awdl0"
|| | |   "ConsoleFlag" = 0x0
|| | |   "MiscInfo" = 0x0
|| | | }
|| | | }
|| | | +-o CCLogPipe <class CCLogPipe, id 0x1000002a0, registered, matched, active, busy 0 (2 ms), retain 71>
|| | | {
|| | |   "LogDataType" = 0x0
|| | |   "IOClass" = "CCLogPipe"
|| | |   "Filename" = "AppleBCM WLAN_Datapath"
|| | |   "LogType" = 0x0
|| | |   "Name" = "DatapathEvents"
|| | |   "NumberOfFiles" = 0x2
|| | |   "LogIdentifier" = ""
|| | |   "PipeSize" = 0x200000
|| | |   "MinLogSizeToNotify" = 0xccccc
|| | |   "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001," Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001," Capture
Requests"),("IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
DatapathEvents"})
|| | |   "LogPolicy" = 0x0
|| | |   "Owner" = "com.apple.driver.AppleBCM WLANCoreV3.0"
|| | |   "FileOptions" = 0x0
|| | |   "NotifyThreshold" = 0x3e8

```



```
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
  || | | "CoreCaptureFlag" = 0x1
  || | | "IOReportLegendPublic" = Yes
  || | | }
  || | | }
  || | | +-o CCLogStream <class CCLogStream, id 0x10000088a, registered, matched, active, busy 0 (0 ms), retain 7>
  || | | {
  || | | "IOClass" = "CCLogStream"
  || | | "StreamHeader" = <0100000000007373>
  || | | "Name" = "networkfamilystack"
  || | | "Id" = 0x6
  || | | "LogIdentifier" = ""
  || | | "CoreCaptureLevel" = 0x7f
  || | | "ConsoleLevel" = 0xffffffffffffff
  || | | "MiscInfo" = 0x96
  || | | "ConsoleFlag" = 0x0
  || | | "IOReportLegend" =
  || | | ({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
  || | | "CoreCaptureFlag" = 0x0
  || | | "IOReportLegendPublic" = Yes
  || | | }
  || | | }
  || | | +-o CCLogStream <class CCLogStream, id 0x10000088b, registered, matched, active, busy 0 (0 ms), retain 7>
  || | | {
  || | | "IOClass" = "CCLogStream"
  || | | "StreamHeader" = <0200000000007373>
  || | | "Name" = "interfacequeue"
  || | | "Id" = 0x7
  || | | "LogIdentifier" = ""
  || | | "CoreCaptureLevel" = 0x7f
  || | | "ConsoleLevel" = 0xffffffffffffff
  || | | "MiscInfo" = 0x96
  || | | "ConsoleFlag" = 0x0
  || | | "IOReportLegend" =
  || | | ({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
  || | | "CoreCaptureFlag" = 0x0
  || | | "IOReportLegendPublic" = Yes
  || | | }
  || | | }
  || | | +-o CCLogStream <class CCLogStream, id 0x10000088c, registered, matched, active, busy 0 (0 ms), retain 7>
  || | | {
  || | | "IOClass" = "CCLogStream"
  || | | "StreamHeader" = <0300000000007373>
  || | | "Name" = "peerqueue"
  || | | "Id" = 0x8
  || | | "LogIdentifier" = ""
  || | | "CoreCaptureLevel" = 0x7f
  || | | "ConsoleLevel" = 0xffffffffffffff
  || | | "MiscInfo" = 0x96
  || | | "ConsoleFlag" = 0x0
  || | | "IOReportLegend" =
  || | | ({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
  || | | "CoreCaptureFlag" = 0x0
  || | | "IOReportLegendPublic" = Yes
  || | | }
  || | | }
  || | | +-o CCLogStream <class CCLogStream, id 0x10000088d, registered, matched, active, busy 0 (0 ms), retain 7>
  || | | {
  || | | "IOClass" = "CCLogStream"
  || | | "StreamHeader" = <0400000000007373>
  || | | "Name" = "peerinput"
  || | | "Id" = 0x9
  || | | "LogIdentifier" = ""
  || | | "CoreCaptureLevel" = 0x7f
  || | | "ConsoleLevel" = 0xffffffffffffff
  || | | "MiscInfo" = 0x96
  || | | "ConsoleFlag" = 0x0
  || | | "IOReportLegend" =
  || | | ({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
  || | | "CoreCaptureFlag" = 0x0
  || | | "IOReportLegendPublic" = Yes
  || | | }
  || | | }
  || | | +-o CCLogStream <class CCLogStream, id 0x10000088e, registered, matched, active, busy 0 (0 ms), retain 7>
  || | | {
  || | | "IOClass" = "CCLogStream"
  || | | "StreamHeader" = <0500000000007373>
  || | | "Name" = "bpf_tap_in"
  || | | "Id" = 0xa
  || | | "LogIdentifier" = ""
  || | | "CoreCaptureLevel" = 0x7f
  || | | "ConsoleLevel" = 0xffffffffffffff
  || | | "MiscInfo" = 0x96
  || | | "ConsoleFlag" = 0x0
  || | | "IOReportLegend" =
  || | | ({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
  || | | "CoreCaptureFlag" = 0x4
```

```
|| | || "IOReportLegendPublic" = Yes
|| | || }
|| | ||
|| | || +-o CCLogStream <class CCLogStream, id 0x100000990, registered, matched, active, busy 0 (0 ms), retain 7>
|| | || {
|| | || "IOClass" = "CCLogStream"
|| | || "StreamHeader" = <0100000000007373>
|| | || "Name" = "networkfamilystack_ap1"
|| | || "Id" = 0xb
|| | || "LogIdentifier" = ""
|| | || "CoreCaptureLevel" = 0x7f
|| | || "ConsoleLevel" = 0xffffffffffffff
|| | || "MiscInfo" = 0x96
|| | || "ConsoleFlag" = 0x0
|| | || "IOReportLegend" =
({("IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | || "CoreCaptureFlag" = 0x0
|| | || "IOReportLegendPublic" = Yes
|| | || }
|| | ||
|| | || +-o CCLogStream <class CCLogStream, id 0x100000992, registered, matched, active, busy 0 (0 ms), retain 7>
|| | || {
|| | || "IOClass" = "CCLogStream"
|| | || "StreamHeader" = <0200000000007373>
|| | || "Name" = "interfacequeue_ap1"
|| | || "Id" = 0xc
|| | || "LogIdentifier" = ""
|| | || "CoreCaptureLevel" = 0x7f
|| | || "ConsoleLevel" = 0xffffffffffffff
|| | || "MiscInfo" = 0x96
|| | || "ConsoleFlag" = 0x0
|| | || "IOReportLegend" =
({("IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | || "CoreCaptureFlag" = 0x0
|| | || "IOReportLegendPublic" = Yes
|| | || }
|| | ||
|| | || +-o CCLogStream <class CCLogStream, id 0x100000993, registered, matched, active, busy 0 (0 ms), retain 7>
|| | || {
|| | || "IOClass" = "CCLogStream"
|| | || "StreamHeader" = <0300000000007373>
|| | || "Name" = "peerqueue_ap1"
|| | || "Id" = 0xd
|| | || "LogIdentifier" = ""
|| | || "CoreCaptureLevel" = 0x7f
|| | || "ConsoleLevel" = 0xffffffffffffff
|| | || "MiscInfo" = 0x96
|| | || "ConsoleFlag" = 0x0
|| | || "IOReportLegend" =
({("IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | || "CoreCaptureFlag" = 0x0
|| | || "IOReportLegendPublic" = Yes
|| | || }
|| | ||
|| | || +-o CCLogStream <class CCLogStream, id 0x100000994, registered, matched, active, busy 0 (0 ms), retain 7>
|| | || {
|| | || "IOClass" = "CCLogStream"
|| | || "StreamHeader" = <0400000000007373>
|| | || "Name" = "peerinput_ap1"
|| | || "Id" = 0xe
|| | || "LogIdentifier" = ""
|| | || "CoreCaptureLevel" = 0x7f
|| | || "ConsoleLevel" = 0xffffffffffffff
|| | || "MiscInfo" = 0x96
|| | || "ConsoleFlag" = 0x0
|| | || "IOReportLegend" =
({("IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | || "CoreCaptureFlag" = 0x0
|| | || "IOReportLegendPublic" = Yes
|| | || }
|| | ||
|| | || +-o CCLogStream <class CCLogStream, id 0x100000995, registered, matched, active, busy 0 (0 ms), retain 7>
|| | || {
|| | || "IOClass" = "CCLogStream"
|| | || "StreamHeader" = <0500000000007373>
|| | || "Name" = "bpf_tap_in_ap1"
|| | || "Id" = 0xf
|| | || "LogIdentifier" = ""
|| | || "CoreCaptureLevel" = 0x7f
|| | || "ConsoleLevel" = 0xffffffffffffff
|| | || "MiscInfo" = 0x96
|| | || "ConsoleFlag" = 0x0
|| | || "IOReportLegend" =
({("IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | || "CoreCaptureFlag" = 0x0
|| | || "IOReportLegendPublic" = Yes
|| | || }
|| | ||
```



```
|| | | +-o CCLogStream <class CCLogStream, id 0x10000099e, registered, matched, active, busy 0 (0 ms), retain 7>
|| | | {
|| | | "IOClass" = "CCLogStream"
|| | | "StreamHeader" = <0100000000007373>
|| | | "Name" = "networkfamilystack_awdl0"
|| | | "Id" = 0x10
|| | | "LogIdentifier" = ""
|| | | "CoreCaptureLevel" = 0x7f
|| | | "ConsoleLevel" = 0xffffffffffffff
|| | | "MiscInfo" = 0x96
|| | | "ConsoleFlag" = 0x0
|| | | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | | "CoreCaptureFlag" = 0x0
|| | | "IOReportLegendPublic" = Yes
|| | | }
|| | | }
|| | | +-o CCLogStream <class CCLogStream, id 0x10000099f, registered, matched, active, busy 0 (0 ms), retain 7>
|| | | {
|| | | "IOClass" = "CCLogStream"
|| | | "StreamHeader" = <0200000000007373>
|| | | "Name" = "interfacequeue_awdl0"
|| | | "Id" = 0x11
|| | | "LogIdentifier" = ""
|| | | "CoreCaptureLevel" = 0x7f
|| | | "ConsoleLevel" = 0xffffffffffffff
|| | | "MiscInfo" = 0x96
|| | | "ConsoleFlag" = 0x0
|| | | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | | "CoreCaptureFlag" = 0x0
|| | | "IOReportLegendPublic" = Yes
|| | | }
|| | | }
|| | | +-o CCLogStream <class CCLogStream, id 0x1000009a0, registered, matched, active, busy 0 (0 ms), retain 7>
|| | | {
|| | | "IOClass" = "CCLogStream"
|| | | "StreamHeader" = <0300000000007373>
|| | | "Name" = "peerqueue_awdl0"
|| | | "Id" = 0x12
|| | | "LogIdentifier" = ""
|| | | "CoreCaptureLevel" = 0x7f
|| | | "ConsoleLevel" = 0xffffffffffffff
|| | | "MiscInfo" = 0x96
|| | | "ConsoleFlag" = 0x0
|| | | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | | "CoreCaptureFlag" = 0x0
|| | | "IOReportLegendPublic" = Yes
|| | | }
|| | | }
|| | | +-o CCLogStream <class CCLogStream, id 0x1000009a1, registered, matched, active, busy 0 (0 ms), retain 7>
|| | | {
|| | | "IOClass" = "CCLogStream"
|| | | "StreamHeader" = <0400000000007373>
|| | | "Name" = "peerinput_awdl0"
|| | | "Id" = 0x13
|| | | "LogIdentifier" = ""
|| | | "CoreCaptureLevel" = 0x7f
|| | | "ConsoleLevel" = 0xffffffffffffff
|| | | "MiscInfo" = 0x96
|| | | "ConsoleFlag" = 0x0
|| | | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | | "CoreCaptureFlag" = 0x0
|| | | "IOReportLegendPublic" = Yes
|| | | }
|| | | }
|| | | +-o CCLogStream <class CCLogStream, id 0x1000009a2, registered, matched, active, busy 0 (0 ms), retain 7>
|| | | {
|| | | "IOClass" = "CCLogStream"
|| | | "StreamHeader" = <0500000000007373>
|| | | "Name" = "bpf_tap_in_awdl0"
|| | | "Id" = 0x14
|| | | "LogIdentifier" = ""
|| | | "CoreCaptureLevel" = 0x7f
|| | | "ConsoleLevel" = 0xffffffffffffff
|| | | "MiscInfo" = 0x96
|| | | "ConsoleFlag" = 0x0
|| | | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | | "CoreCaptureFlag" = 0x0
|| | | "IOReportLegendPublic" = Yes
|| | | }
|| | | }
|| | | +-o CCDataPipe <class CCDataPipe, id 0x1000002a1, registered, matched, active, busy 0 (0 ms), retain 20>
|| | | {
|| | | "LogDataType" = 0x2
```

```

|| | || "IOClass" = "CCDataPipe"
|| | || "Filename" = "StateSnapshots"
|| | || "LogType" = 0x2
|| | || "Name" = "StateSnapshots"
|| | || "NumberOfFiles" = 0x0
|| | || "LogIdentifier" = "0"
|| | || "PipeSize" = 0x80
|| | || "MinLogSizeToNotify" = 0x0
|| | || "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001," Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001," Capture
Requests")),("IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
StateSnapshots"))
|| | || "LogPolicy" = 0x0
|| | || "Owner" = "com.apple.driver.AppleBCM WLANCoreV3.0"
|| | || "FileOptions" = 0x0
|| | || "NotifyThreshold" = 0x0
|| | || "DirectoryName" = "WiFi"
|| | || "IOReportLegendPublic" = Yes
|| | || "Statistics" = {"timestamp"=0x0,"Errors"={"metaDataCounts: invalidState"=0x0,"metaDataCounts:
invalidPaddingSize"=0x0,"metaDataCounts: invalidLogLevel"=0x0,"reserveRingEntryDrops"=0x0,"metaDataCounts:
invalidPayloadSize"=0x0}}
|| | || "PipeType" = 0x1
|| | || "FileSize" = 0x0
|| | || }
|| | || }
|| | | +--o CCDataStream <class CCDataStream, id 0x1000002a2, registered, matched, active, busy 0 (0 ms), retain
10>
|| | || {
|| | || | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | || | "LogIdentifier" = ""
|| | || | "Name" = "FaultReporter"
|| | || | "IOReportLegendPublic" = Yes
|| | || | "IOClass" = "CCDataStream"
|| | || | "Id" = 0x1
|| | || | }
|| | || | }
|| | | +--o CCFaultReporter <class CCFaultReporter, id 0x100000751, !registered, !matched, active, busy 0, retain 20>
|| | || {
|| | || | "IOClass" = "CCFaultReporter"
|| | || | "Owners" =
["com.apple.iokit.IO80211Family","com.apple.driver.AppleBCM WLANCoreV3.0","com.apple.driver.AppleMultiFunctionMana
ger","com.apple.driver.AppleOLYHAL"]
|| | || | }
|| | || | }
|| | | +--o CCDataStream <class CCDataStream, id 0x100000889, registered, matched, active, busy 0 (0 ms), retain 7>
|| | || {
|| | || | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | || | "LogIdentifier" = "io80211"
|| | || | "Name" = "IO80211DataStream"
|| | || | "IOReportLegendPublic" = Yes
|| | || | "IOClass" = "CCDataStream"
|| | || | "Id" = 0x2
|| | || | }
|| | || | }
|| | | +--o CCDataStream <class CCDataStream, id 0x10000098f, registered, matched, active, busy 0 (0 ms), retain 7>
|| | || {
|| | || | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | || | "LogIdentifier" = "io80211"
|| | || | "Name" = "IO80211DataStream"
|| | || | "IOReportLegendPublic" = Yes
|| | || | "IOClass" = "CCDataStream"
|| | || | "Id" = 0x3
|| | || | }
|| | || | }
|| | | +--o CCDataStream <class CCDataStream, id 0x10000099d, registered, matched, active, busy 0 (0 ms), retain 7>
|| | || {
|| | || | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
|| | || | "LogIdentifier" = "io80211"
|| | || | "Name" = "IO80211DataStream"
|| | || | "IOReportLegendPublic" = Yes
|| | || | "IOClass" = "CCDataStream"
|| | || | "Id" = 0x4
|| | || | }
|| | || | }
|| | | +--o CCLogPipe <class CCLogPipe, id 0x100000752, registered, matched, active, busy 0 (0 ms), retain 10>
|| | || {
|| | || | "LogDataType" = 0x0
|| | || | "IOClass" = "CCLogPipe"
|| | || | "Filename" = "FirmwareBusLogs"
|| | || | "LogType" = 0x0
|| | || | "Name" = "FirmwareBusLogs"
|| | || | "NumberOfFiles" = 0x2
|| | || | "LogIdentifier" = "brcm0"
|| | || | "PipeSize" = 0x200000
|| | || | "MinLogSizeToNotify" = 0xcccc
|| | || | "IOReportLegend" =

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{("IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001," Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001," Capture
Requests")),("IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
FirmwareBusLogs"})
  ||| | "LogPolicy" = 0x0
  ||| | "Owner" = "com.apple.driver.AppleBCM WLANCoreV3.0"
  ||| | "FileOptions" = 0x0
  ||| | "NotifyThreshold" = 0x3e8
  ||| | "DirectoryName" = "WiFi"
  ||| | "IOReportLegendPublic" = Yes
  ||| | "Statistics" = {"timestamp"=0x2eba75966,"Errors"={"metaDataCounts: invalidState"=0x0,"metaDataCounts:
invalidPaddingSize"=0x0,"metaDataCounts: invalidLogLevel"=0x0,"reserveRingEntryDrops"=0x0,"metaDataCounts:
invalidPayloadSize"=0x0}}
  ||| | "PipeType" = 0x0
  ||| | "FileSize" = 0x200000
  ||| | }
  ||| | }
  ||| | +-o CCLogStream <class CCLogStream, id 0x100000754, registered, matched, active, busy 0 (0 ms), retain 7>
  ||| | {
  ||| |   "IOClass" = "CCLogStream"
  ||| |   "StreamHeader" = <0d0000000000a5a5>
  ||| |   "Name" = "Firmware_Bus"
  ||| |   "Id" = 0x1
  ||| |   "LogIdentifier" = ""
  ||| |   "CoreCaptureLevel" = 0x7f
  ||| |   "ConsoleLevel" = 0xfffffffffffff
  ||| |   "MiscInfo" = 0x96
  ||| |   "ConsoleFlag" = 0x0
  ||| |   "IOReportLegend" =
  ||| | }
  ||| | }
  ||| | +-o AppleBCM WLANCore <class AppleBCM WLANCore, id 0x100000753, registered, matched, active, busy 0
(6128 ms), retain 56>
  ||| | {
  ||| |   "IOActiveMedium" = ""
  ||| |   "IOPersonalityPublisher" = "com.apple.driver.AppleBCM WLANCore"
  ||| |   "built-in" = <00>
  ||| |   "IOMatchCategory" = "WiFiDriver"
  ||| |   "mDNS_KEY" = "2009-07-30"
  ||| |   "Debuggable - isDebugCommandActionAllowed" = No
  ||| |   "IOMinPacketSize" = 0x40
  ||| |   "IOMatchedAtBoot" = Yes
  ||| |   "IOLinkStatus" = 0x1
  ||| |   "IOProbeScore" = 0x3e8
  ||| |   "AppleBCM WLAN.BuildDate" = "Jul 13 2022 22:54:45"
  ||| |   "FirmwareLoaded" = Yes
  ||| |   "IOClass" = "AppleBCM WLANCore"
  ||| |   "AppleBCM WLAN.BuildType" = "release"
  ||| |   "IOReportLegend" =
  ||| | }
  ||| | }
  ||| | ("IOReportGroupName"="Chip","IOReportChannels"=((0x2054436e42797465,0x100140001,"Tx Bytes"),
(0x2052436e42797465,0x100140001,"Rx
Bytes")),("IOReportChannelInfo"={"IOReportChannelUnit"=0x9008200000000000},"IOReportSubGroupName"="Bytes
Transferred"},"IOReportGroupName"="Chip","IOReportChannels"=((0x4d414344614d5241,0x180100001,"Rx Data Frame
matching RA"),(0x4d414344614d5241,0x180100001,"Rx Management Frame matching RA"),
(0x4d414344614d5241,0x180100001,"Rx Control Frame matching RA"),(0x4d414344614f5241,0x18
$
  ||| |   "CFBundleIdentifier" = "com.apple.driver.AppleBCM WLANCore"
  ||| |   "IOMediumDictionary" =
  ||| | {"00000080"={"Index"=0x0,"Type"=0x80,"Flags"=0x0,"Speed"=0x337f980},"00000082"={"Index"=0x0,"Type"=0x82,"Fla
gs"=0x0,"Speed"=0x0}}
  ||| |   "wlan.hw.feature-flags" = 0x0
  ||| |   "ModuleInfo" = "chip='s=B1' module='M=RASP m=6.11 V=m' prod='17445' manuf='5348'"
  ||| |   "FWCap" = "ap sta wme 802.11d 802.11h cqa cac dualband ampdu ampdu_tx ampdu_rx amsdurx amsdutr
radio_pwrsave proptxstatus wds anqpo proxd vht-prop-rates single-user-beamformer multi-user-beamformee single-
user-beamformee he dfrts lps txpwr cache rsdb mfp ndoe wnm bsstrans txcap epno pfnx scanmac bdo cplv-4 pktfltr2 ve
fbtoverds fbt_adpt ecounters event_log cdef awdl txcap arb hchk d11status scancache icmp ifver tko idauth ifst ucm fie
tvpn tdmx lpr_scan bkoff_evt etd_info clm_restrict evt_ext dfsp btc_wifi_prot txcap3 mon$
  ||| |   "IOPMResetPowerStateOnWake" = Yes
  ||| |   "IO80211Family.BuildTag" = "IO80211_kexts-957.6"
  ||| |   "IOAddress" = <000000000000>
  ||| |   "PTM_Mode" = 0x0
  ||| |   "IOPacketFilters" =
  ||| | }
  ||| | }
  ||| | {"IONetworkFilterGroup"=0x110,"IOEthernetDisabledWakeOnLANFilterGroup"=0x0,"IOEthernetWakeOnLANFilterGroup"=0x
1}
  ||| |   "mDNS_Keepalive" = Yes
  ||| |   "AppleBCM WLAN.BuildTag" = "AppleBCM WLANV3_Drivers-955.4"
  ||| |   "IOResourceMatch" = "IOBSD"
  ||| |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleBCM WLANCore"
  ||| |   "IOReportLegendPublic" = Yes
  ||| |   "ChipSet" = 0x111a
  ||| |   "IO80211Family.BuildDate" = "Jul 13 2022 22:55:22"
  ||| |   "PlatformConfigFileName" = "honshu-PlatformConfig.plist"
  ||| |   "IO80211Family.BuildTagGit" = "IO80211_kexts-957.6"
  ||| |   "IOMaxPacketSize" = 0x5ee
  ||| |   "TxCapVersion" = "Data Title: Honshu_Final_WIFICap_2019Aug17_v1.0 Data Creation: 2022-03-23 19:49:01 "
  ||| |   "IOVendor" = "Apple"
  ||| |   "FirmwareVersion" = "wl0: Mar 23 2022 19:57:59 version 18.60.27.0.7.8.129 FWID 01-570be953"
  ||| |   "AVBControllerState" = 0x1
  ||| |   "Debuggable - isVerboseDebugLoggingAllowed" = Yes
  ||| |   "IOProviderClass" = "AppleBCM WLANBusInterfacePCIE"
  ||| |   "AppleBCM WLANCorePowerManaged" = Yes
  ||| |   "RequestedFiles" = ({"Firmware"="C-4378__s-B1/honshu.trx","TxCap"="C-4378__s-B1/honshu-
X0.txcb","Regulatory"="C-4378__s-B1/honshu-X0.clmb","NVRAM"="C-4378__s-B1/P-honshu-X0_M-RASP_V-
m__m-6.11.txt"})
  ||| |   "IOFeatures" = 0x0
  ||| |   "caload_status" = "0"
  ||| |   "IONetworkRootType" = "airport"
  ||| |   "IOLinkSpeed" = 0x0
  ||| |   "IOPowerManagement" =
  ||| | {"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8002,"MaxPowerState
"=0x1,"DriverPowerState"=0x0}
```

```
    | | | | "IOSelectedMedium" = "00000080"
    | | | | "AppleBCM WLAN.BuildTagGit" = ""AppleBCM WLANV3_Drivers-955.4""
    | | | | "Debuggable - isSoCRAMCaptureAllowed" = Yes
    | | | | "vendor-id" = "Murata"
    | | | | "IOModel" = "Wireless Network Adapter (802.11 a/b/g/n/ac/ax)"
    | | | | "CoreDriverInitializationTime" = 0x2fd9f6631
    | | | | "CLMVersion" = "API: 21.0 Data: Oly.Honshu Compiler: 1.61.4 ClmImport: 1.58.6 Customization: v2 Final
200825 Creation: 2022-03-23 19:48:49 "
    | | | | "ModuleDictionary" = {"ManufacturerID"=0x14e4,"ModuleInfo"="M=RASP m=6.11 V=m","subsystem-vendor-
id"=0x106b,"ChipInfo"="s=B1","ProductID"=0x4425}
    | | | | "initializeKeepAliveCapabilities: tko" = <00000000>
    | | | | }
    | | | | }
    | | | | +-o CCLogPipe <class CCLogPipe, id 0x100000756, registered, matched, active, busy 0 (0 ms), retain 10>
    | | | | {
    | | | | | "LogDataType" = 0x3
    | | | | | "IOClass" = "CCLogPipe"
    | | | | | "Filename" = "CCIOReporter"
    | | | | | "LogType" = 0x0
    | | | | | "Name" = "OneStats"
    | | | | | "NumberOfFiles" = 0x2
    | | | | | "LogIdentifier" = "CCIOReporters"
    | | | | | "PipeSize" = 0x10000
    | | | | | "MinLogSizeToNotify" = 0x6666
    | | | | | "IOReportLegend" =
    | | | | | ({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001," Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"
Capture
Requests")),{"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
OneStats"})
    | | | | | "LogPolicy" = 0x0
    | | | | | "Owner" = "com.apple.iokit.IO80211Family"
    | | | | | "FileOptions" = 0x0
    | | | | | "NotifyThreshold" = 0x3e8
    | | | | | "DirectoryName" = "WiFi"
    | | | | | "IOReportLegendPublic" = Yes
    | | | | | "Statistics" = {"timestamp"=0x0,"Errors"={"metaDataCounts: invalidState"=0x0,"metaDataCounts:
invalidPaddingSize"=0x0,"metaDataCounts: invalidLogLevel"=0x0,"reserveRingEntryDrops"=0x0,"metaDataCounts:
invalidPayloadSize"=0x0}}
    | | | | | "PipeType" = 0x0
    | | | | | "FileSize" = 0x200000
    | | | | | }
    | | | | | }
    | | | | +-o CCIOReporterLogStream <class CCIOReporterLogStream, id 0x100000759, registered, matched, active,
busy 0 (0 ms), retain 7>
    | | | | {
    | | | | | "IOReportLegend" =
    | | | | | ({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001,"
Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001,"
Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001,"
Log Calls [Alert]"),(0x434353204c4c4320,0x180100001,"
Log
Calls [Crit]"),(0x434353204c4c572$,
    | | | | | "Id" = 0x1
    | | | | | "CoreCaptureFlag" = 0x0
    | | | | | "CoreCaptureLevel" = 0x5
    | | | | | "ConsoleLevel" = 0xffffffffffff
    | | | | | "IOClass" = "CCLogStream"
    | | | | | "IOReportLegendPublic" = Yes
    | | | | | "LogIdentifier" = "CCIOReporters"
    | | | | | "Name" = "IO80211 IOReporter Stream"
    | | | | | "ConsoleFlag" = 0x0
    | | | | | "MiscInfo" = 0x0
    | | | | | }
    | | | | | }
    | | | | +-o CCLogPipe <class CCLogPipe, id 0x10000075a, registered, matched, active, busy 0 (1 ms), retain 13>
    | | | | {
    | | | | | "LogDataType" = 0x0
    | | | | | "IOClass" = "CCLogPipe"
    | | | | | "Filename" = "ControlPath"
    | | | | | "LogType" = 0x0
    | | | | | "Name" = "ControlPath"
    | | | | | "NumberOfFiles" = 0x2
    | | | | | "LogIdentifier" = "ControlPath"
    | | | | | "PipeSize" = 0x10000
    | | | | | "MinLogSizeToNotify" = 0x6666
    | | | | | "IOReportLegend" =
    | | | | | ({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001," Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"
Capture
Requests")),{"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
ControlPath"})
    | | | | | "LogPolicy" = 0x0
    | | | | | "Owner" = "com.apple.iokit.IO80211Family"
    | | | | | "FileOptions" = 0x0
    | | | | | "NotifyThreshold" = 0x3e8
    | | | | | "DirectoryName" = "WiFi"
    | | | | | "IOReportLegendPublic" = Yes
    | | | | | "Statistics" = {"timestamp"=0x0,"Errors"={"metaDataCounts: invalidState"=0x0,"metaDataCounts:
invalidPaddingSize"=0x0,"metaDataCounts: invalidLogLevel"=0x0,"reserveRingEntryDrops"=0x0,"metaDataCounts:
invalidPayloadSize"=0x0}}
    | | | | | "PipeType" = 0x0
    | | | | | "FileSize" = 0x200000
    | | | | | }
    | | | | | }
    | | | | +-o CCLogStream <class CCLogStream, id 0x10000075b, registered, matched, active, busy 0 (0 ms), retain 7>
    | | | | {
    | | | | | "IOClass" = "CCLogStream"
    | | | | | "StreamHeader" = <06000000000007373>
    | | | | | "Name" = "IO80211 IOCTL Stream"
    | | | | | "Id" = 0x1
    | | | | | "LogIdentifier" = "ioctl"
    | | | | | "CoreCaptureLevel" = 0x5
    | | | | | "ConsoleLevel" = 0xffffffffffff
    | | | | | "MiscInfo" = 0x96
    | | | | | "ConsoleFlag" = 0x0
    | | | | | "IOReportLegend" =
    | | | | | ({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001,"
Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
```

```
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001,"      Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001,"      Log Calls [Alert]"),(0x434353204c4c4320,0x180100001,"      Log
Calls [Crit]"),(0x434353204c4c572$
|| | ||| "CoreCaptureFlag" = 0x0
|| | ||| "IOReportLegendPublic" = Yes
|| | ||| }
|| | ||| }
|| | ||| +-o CCLogStream <class CCLogStream, id 0x10000075c, registered, matched, active, busy 0 (0 ms), retain 7>
|| | ||| {
|| | ||| "IOClass" = "CCLogStream"
|| | ||| "StreamHeader" = <0700000000007373>
|| | ||| "Name" = "IO80211 Event Stream"
|| | ||| "Id" = 0x2
|| | ||| "LogIdentifier" = "event"
|| | ||| "CoreCaptureLevel" = 0x5
|| | ||| "ConsoleLevel" = 0xffffffffffff
|| | ||| "MiscInfo" = 0x96
|| | ||| "ConsoleFlag" = 0x0
|| | ||| "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001,"      Log
Calls"),(0x434353204c444343,0x180100001,"      Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001,"      Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001,"      Log Calls [Alert]"),(0x434353204c4c4320,0x180100001,"      Log
Calls [Crit]"),(0x434353204c4c572$
|| | ||| "CoreCaptureFlag" = 0x0
|| | ||| "IOReportLegendPublic" = Yes
|| | ||| }
|| | ||| }
|| | ||| +-o IOImageLoader <class IOImageLoader, id 0x10000075d, registered, matched, active, busy 0 (1 ms), retain 7>
|| | ||| {
|| | ||| "consumer-id" = "com.apple.driver.AppleBCM WLANCore"
|| | ||| }
|| | ||| +-o BCMWLANFirmware4378_Hashstore <class BCMWLANFirmware4378_Hashstore, id 0x100000760,
registered, matched, active, busy 0 (0 ms), retain 6>
|| | ||| {
|| | ||| "IOPropertyMatch" = {"consumer-id"="com.apple.driver.AppleBCM WLANCore"}
|| | ||| "CFBundleIdentifier" = "com.apple.driver.BCMWLANFirmware4378.Hashstore"
|| | ||| "IOMatchCategory" = "BCM WLANFirmware4378_Hashstore"
|| | ||| "IOClass" = "BCM WLANFirmware4378_Hashstore"
|| | ||| "IOPersonalityPublisher" = "com.apple.driver.BCMWLANFirmware4378.Hashstore"
|| | ||| "IOProviderClass" = "IOImageLoader"
|| | ||| "CFBundleIdentifierKernel" = "com.apple.driver.BCMWLANFirmware4378.Hashstore"
|| | ||| "IOProbeScore" = 0x0
|| | ||| "IOMatchedAtBoot" = Yes
|| | ||| "consumer-id" = "com.apple.driver.AppleBCM WLANCore"
|| | ||| "BuildDate" = "Jun 27 2022 20:11:35"
|| | ||| }
|| | ||| }
|| | ||| +-o CCLogPipe <class CCLogPipe, id 0x100000762, registered, matched, active, busy 0 (0 ms), retain 10>
|| | ||| {
|| | ||| "LogDataType" = 0x1
|| | ||| "IOClass" = "CCLogPipe"
|| | ||| "Filename" = "FirmwareLogs"
|| | ||| "LogType" = 0x0
|| | ||| "Name" = "FirmwareLogs"
|| | ||| "NumberOfFiles" = 0x2
|| | ||| "LogIdentifier" = "brcm0"
|| | ||| "PipeSize" = 0x2000
|| | ||| "MinLogSizeToNotify" = 0xccc
|| | ||| "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001,"      Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001,"      Capture
Requests"),"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
FirmwareLogs"})
|| | ||| "LogPolicy" = 0x0
|| | ||| "Owner" = "com.apple.driver.AppleBCM WLANCoreV3.0"
|| | ||| "FileOptions" = 0x0
|| | ||| "NotifyThreshold" = 0x3e8
|| | ||| "DirectoryName" = "WiFi"
|| | ||| "IOReportLegendPublic" = Yes
|| | ||| "Statistics" = {"timestamp"=0x2ae121820,"Errors"={"metaDataCounts: invalidState"=0x0,"metaDataCounts:
invalidPaddingSize"=0x0,"metaDataCounts: invalidLogLevel"=0x0,"reserveRingEntryDrops"=0x0,"metaDataCounts:
invalidPayloadSize"=0x0}}
|| | ||| "PipeType" = 0x0
|| | ||| "FileSize" = 0x200000
|| | ||| }
|| | ||| }
|| | ||| +-o CCLogStream <class CCLogStream, id 0x100000763, registered, matched, active, busy 0 (0 ms), retain 7>
|| | ||| {
|| | ||| "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001,"      Log
Calls"),(0x434353204c444343,0x180100001,"      Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001,"      Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001,"      Log Calls [Alert]"),(0x434353204c4c4320,0x180100001,"      Log
Calls [Crit]"),(0x434353204c4c572$
|| | ||| "Id" = 0x1
|| | ||| "CoreCaptureFlag" = 0x0
|| | ||| "CoreCaptureLevel" = 0x7f
|| | ||| "ConsoleLevel" = 0xffffffffffff
|| | ||| "IOClass" = "CCLogStream"
|| | ||| "IOReportLegendPublic" = Yes
|| | ||| "LogIdentifier" = "brcm0"
|| | ||| "Name" = "Chip_UART"
|| | ||| "ConsoleFlag" = 0x0
|| | ||| "MiscInfo" = 0x0
|| | ||| }
|| | ||| }
|| | ||| +-o AppleBCM WLANSkywalkInterface <class AppleBCM WLANSkywalkInterface, id 0x100000886, registered,
matched, active, busy 0 (1302 ms), retain 16>
|| | ||| {
|| | ||| "IOInterfaceNamePrefix" = "en"
|| | ||| "IOACAddress" = <a07817745b43>
|| | ||| "IO80211InterfaceRole" = "Infrastructure"
|| | ||| "IOPMResetPowerStateOnWake" = Yes
|| | ||| "built-in" = <00>
|| | ||| "IOInterfaceUnit" = 0x0
```



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    | | | | }
    | | | |
    | | | | +-o AppleBCM WLANIO80211APSTAInterface <class AppleBCM WLANIO80211APSTAInterface, id 0x100000996,
registered, matched, active, busy 0 (0 ms), retain 10>
    | | | | {
    | | | |   "IO MACAddress" = <a27817745b43>
    | | | |   "BSD Name" = "ap1"
    | | | |   "IO80211VirtualInterfaceRole" = "SoftAP"
    | | | | }
    | | | |
    | | | | +-o CCDataPipe <class CCDataPipe, id 0x100000999, registered, matched, active, busy 0 (0 ms), retain 10>
    | | | | {
    | | | |   "LogDataType" = 0x5
    | | | |   "IOClass" = "CCDataPipe"
    | | | |   "Filename" = "AssociationEventHistory"
    | | | |   "LogType" = 0x2
    | | | |   "Name" = "AssociationEventHistory"
    | | | |   "NumberOfFiles" = 0x0
    | | | |   "LogIdentifier" = "AssociationEventHistory"
    | | | |   "PipeSize" = 0x40
    | | | |   "MinLogSizeToNotify" = 0x0
    | | | |   "IOReportLegend" =
({ "IOReportGroupName" = "CoreCapture", "IOReportChannels" = ((0x434350204c202020, 0x180100001,
Log Calls), (0x434350204c4d4442, 0x180100001, "Log Messages Dropped Short Of Buffer"),
(0x434350204c435220, 0x180100001, "Capture
Requests")), "IOReportChannelInfo" = {"IOReportChannelUnit" = 0x6400000000000000}, "IOReportSubGroupName" = "Pipe
AssociationEventHistory"})
    | | | |   "LogPolicy" = 0x0
    | | | |   "Owner" = "com.apple.iokit.IO80211Family"
    | | | |   "FileOptions" = 0x0
    | | | |   "NotifyThreshold" = 0x0
    | | | |   "DirectoryName" = "WiFi"
    | | | |   "IOReportLegendPublic" = Yes
    | | | |   "Statistics" = {"timestamp" = 0x0, "Errors" = {"metaDataCounts: invalidState" = 0x0, "metaDataCounts:
invalidPaddingSize" = 0x0, "metaDataCounts: invalidLogLevel" = 0x0, "reserveRingEntryDrops" = 0x0, "metaDataCounts:
invalidPayloadSize" = 0x0}}
    | | | |   "PipeType" = 0x1
    | | | |   "FileSize" = 0x0
    | | | | }
    | | | |
    | | | | +-o CCIORporterDataStream <class CCIORporterDataStream, id 0x10000099a, registered, matched, active,
busy 0 (0 ms), retain 7>
    | | | | {
    | | | |   "IOReportLegend" =
({ "IOReportGroupName" = "CoreCapture", "IOReportChannels" = ((0x434353204c202020, 0x180100001, "Log
Calls"), (0x434353204c444343, 0x180100001, "Log Calls Dropped CC Filters"), (0x434353204c444320, 0x180100001,
Log Calls Dropped Console Filters"), (0x434353204c4c4520, 0x180100001, "Log Calls [Emergency]"),
(0x434353204c4c4120, 0x180100001, "Log Calls [Alert]"), (0x434353204c4c4320, 0x180100001, "Log
Calls [Crit]"), (0x434353204c4c572$,
    | | | |   "LogIdentifier" = "AssociationEventHistory"
    | | | |   "Name" = "com.apple.iokit.IO80211Family"
    | | | |   "IOReportLegendPublic" = Yes
    | | | |   "IOClass" = "CCDataStream"
    | | | |   "Id" = 0x1
    | | | | }
    | | | |
    | | | | +-o CCLogPipe <class CCLogPipe, id 0x1000009a3, registered, matched, active, busy 0 (0 ms), retain 10>
    | | | | {
    | | | |   "LogDataType" = 0x0
    | | | |   "IOClass" = "CCLogPipe"
    | | | |   "Filename" = "io80211Family"
    | | | |   "LogType" = 0x0
    | | | |   "Name" = "IO80211P2PPeerManager"
    | | | |   "NumberOfFiles" = 0x2
    | | | |   "LogIdentifier" = ""
    | | | |   "PipeSize" = 0x10000
    | | | |   "MinLogSizeToNotify" = 0x6666
    | | | |   "IOReportLegend" =
({ "IOReportGroupName" = "CoreCapture", "IOReportChannels" = ((0x434350204c202020, 0x180100001,
Log Calls"), (0x434350204c4d4442, 0x180100001, "Log Messages Dropped Short Of Buffer"),
(0x434350204c435220, 0x180100001, "Capture
Requests")), "IOReportChannelInfo" = {"IOReportChannelUnit" = 0x6400000000000000}, "IOReportSubGroupName" = "Pipe
IO80211P2PPeerManager"})
    | | | |   "LogPolicy" = 0x0
    | | | |   "Owner" = "com.apple.iokit.IO80211Family"
    | | | |   "FileOptions" = 0x0
    | | | |   "NotifyThreshold" = 0x3e8
    | | | |   "DirectoryName" = "WiFi"
    | | | |   "IOReportLegendPublic" = Yes
    | | | |   "Statistics" = {"timestamp" = 0x0, "Errors" = {"metaDataCounts: invalidState" = 0x0, "metaDataCounts:
invalidPaddingSize" = 0x0, "metaDataCounts: invalidLogLevel" = 0x0, "reserveRingEntryDrops" = 0x0, "metaDataCounts:
invalidPayloadSize" = 0x0}}
    | | | |   "PipeType" = 0x0
    | | | |   "FileSize" = 0xa00000
    | | | | }
    | | | |
    | | | | +-o CCLogStream <class CCLogStream, id 0x1000009a4, registered, matched, active, busy 0 (0 ms), retain 7>
    | | | | {
    | | | |   "IOClass" = "CCLogStream"
    | | | |   "StreamHeader" = <05000000000007373>
    | | | |   "Name" = "bpfIO80211AWDL"
    | | | |   "Id" = 0x1
    | | | |   "LogIdentifier" = "IO80211P2P"
    | | | |   "CoreCaptureLevel" = 0x4
    | | | |   "ConsoleLevel" = 0xffffffffffff
    | | | |   "MiscInfo" = 0x96
    | | | |   "ConsoleFlag" = 0x0
    | | | |   "IOReportLegend" =
({ "IOReportGroupName" = "CoreCapture", "IOReportChannels" = ((0x434353204c202020, 0x180100001, "Log
Calls"), (0x434353204c444343, 0x180100001, "Log Calls Dropped CC Filters"), (0x434353204c444320, 0x180100001,
Log Calls Dropped Console Filters"), (0x434353204c4c4520, 0x180100001, "Log Calls [Emergency]"),
(0x434353204c4c4120, 0x180100001, "Log Calls [Alert]"), (0x434353204c4c4320, 0x180100001, "Log
Calls [Crit]"), (0x434353204c4c572$,
    | | | |   "CoreCaptureFlag" = 0x0
    | | | |   "IOReportLegendPublic" = Yes
    | | | | }
    | | | |
    | | | | +-o AppleBCM WLANProximityInterface <class AppleBCM WLANProximityInterface, id 0x1000009a5, registered,
```

```
matched, active, busy 0 (0 ms), retain 11>
| | | | {
| | | | "IOAddress" = <429bee37d3bc>
| | | | "BSD Name" = "awd0"
| | | | "IO80211VirtualInterfaceRole" = "AirLink"
| | | | }
| | | |
| | | | +-o CCDataPipe <class CCDataPipe, id 0x100000757, registered, matched, active, busy 0 (0 ms), retain 10>
| | | | {
| | | | | "LogDataType" = 0x6
| | | | | "IOClass" = "CCDataPipe"
| | | | | "Filename" = "CrashTracerLog"
| | | | | "LogType" = 0x2
| | | | | "Name" = "CrashTracerLogs"
| | | | | "NumberOfFiles" = 0x0
| | | | | "LogIdentifier" = "brcm0"
| | | | | "PipeSize" = 0x40
| | | | | "MinLogSizeToNotify" = 0x0
| | | | | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001," Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001," Capture
Requests")),{"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
CrashTracerLogs"})
| | | | | "LogPolicy" = 0x0
| | | | | "Owner" = "com.apple.driver.AppleBCM WLANCoreV3.0"
| | | | | "FileOptions" = 0x0
| | | | | "NotifyThreshold" = 0x0
| | | | | "DirectoryName" = "WiFi"
| | | | | "IOReportLegendPublic" = Yes
| | | | | "Statistics" = {"timestamp"=0x0,"Errors"={"metaDataCounts: invalidState"=0x0,"metaDataCounts:
invalidPaddingSize"=0x0,"metaDataCounts: invalidLogLevel"=0x0,"reserveRingEntryDrops"=0x0,"metaDataCounts:
invalidPayloadSize"=0x0}}
| | | | | "PipeType" = 0x1
| | | | | "FileSize" = 0x0
| | | | | }
| | | | | }
| | | | +-o CCDataStream <class CCDataStream, id 0x100000758, registered, matched, active, busy 0 (0 ms), retain 7>
| | | | {
| | | | | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
| | | | | "LogIdentifier" = ""
| | | | | "Name" = "CrashTracerStream"
| | | | | "IOReportLegendPublic" = Yes
| | | | | "IOClass" = "CCDataStream"
| | | | | "Id" = 0x1
| | | | | }
| | | | | }
| | | | +-o CCLogPipe <class CCLogPipe, id 0x100000978, registered, matched, active, busy 0 (0 ms), retain 10>
| | | | {
| | | | | "LogDataType" = 0x0
| | | | | "IOClass" = "CCLogPipe"
| | | | | "Filename" = "FirmwareEcounterLogs"
| | | | | "LogType" = 0x0
| | | | | "Name" = "FirmwareEcounterLogs"
| | | | | "NumberOfFiles" = 0x2
| | | | | "LogIdentifier" = "brcm0"
| | | | | "PipeSize" = 0x8000
| | | | | "MinLogSizeToNotify" = 0x3333
| | | | | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001," Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001," Capture
Requests")),{"IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Pipe
FirmwareEcounterLogs"})
| | | | | "LogPolicy" = 0x0
| | | | | "Owner" = "com.apple.driver.AppleBCM WLANCoreV3.0"
| | | | | "FileOptions" = 0x0
| | | | | "NotifyThreshold" = 0x3e8
| | | | | "DirectoryName" = "WiFi"
| | | | | "IOReportLegendPublic" = Yes
| | | | | "Statistics" = {"timestamp"=0x2739698b80f,"Errors"={"metaDataCounts: invalidState"=0x0,"metaDataCounts:
invalidPaddingSize"=0x0,"metaDataCounts: invalidLogLevel"=0x0,"reserveRingEntryDrops"=0x0,"metaDataCounts:
invalidPayloadSize"=0x0}}
| | | | | "PipeType" = 0x0
| | | | | "FileSize" = 0x200000
| | | | | }
| | | | | }
| | | | +-o CCLogStream <class CCLogStream, id 0x100000979, registered, matched, active, busy 0 (0 ms), retain 7>
| | | | {
| | | | | "IOClass" = "CCLogStream"
| | | | | "StreamHeader" = <0d0000000000a5a5>
| | | | | "Name" = "FirmwareEcounterLogs"
| | | | | "Id" = 0x1
| | | | | "LogIdentifier" = ""
| | | | | "CoreCaptureLevel" = 0x7f
| | | | | "ConsoleLevel" = 0xfffffffffffff
| | | | | "MiscInfo" = 0x96
| | | | | "ConsoleFlag" = 0x0
| | | | | "IOReportLegend" =
({"IOReportGroupName"="CoreCapture","IOReportChannels"=((0x434353204c202020,0x180100001," Log
Calls"),(0x434353204c444343,0x180100001," Log Calls Dropped CC Filters"),(0x434353204c444320,0x180100001,"
Log Calls Dropped Console Filters"),(0x434353204c4c4520,0x180100001," Log Calls [Emergency]"),
(0x434353204c4c4120,0x180100001," Log Calls [Alert]"),(0x434353204c4c4320,0x180100001," Log
Calls [Crit]"),(0x434353204c4c5720,$
| | | | | "CoreCaptureFlag" = 0x800000000000
| | | | | "IOReportLegendPublic" = Yes
| | | | | }
| | | | | }
| | | | +-o uart2@35208000 <class AppleARMIODevice, id 0x100000147, registered, matched, active, busy 0 (373 ms),
retain 9>
| | | | {
| | | | | "function-rts" = <770000004f495047940000002000000>
| | | | | "dma-types" = <0200000004000000>
```



```
    || || "bluetooth-taurus-calibration-bf" =
<424c4f426400000a73da96e010000004000000100000064000000600d00001cdf4421000000002000000c40d00
00ac0200001cdf4421000000005000000701000007c0100001cdf442100000003000000ec11000064000000e703d3d
700000000600d030000000100014009000915192a2c353d4e0900071d2c2f3840464e090001020e1e2534494e090006
151d3135393f4e09000e142a2c2f30384e0900081c232d2f41484e09000d1d26272932474e090006151c262f303f4e0000
000056450e01565750535456575a62554554544d50525455575e440e01455554f525456585b63380f014550504a4b4
d4e52565b01005445$
    || || "name" = <626c7565746f746800>
    || || "vendor-id" = <ac050000>
    || || "interrupt-parent" = <77000000>
    || || "transport-encoding" = <07000000>
    || || "coex" = <02000000>
    || || "compatible" = <626c7565746f74682c6e383800>
    || || "function-bootstrap_lock" = <4b434f4c>
    || || "interrupts" = <880000002000002>
    || || "product-id" = <a0120000>
    || || "bootstrap-delay" = <64000000>
    || || "bluetooth-taurus-calibration" =
<424c4f426400000f21fa1e80100000004000000100000064000000600d00001cdf4421000000002000000c40d000
0ac0200001cdf4421000000005000000701000007c0100001cdf4421000000003000000ec1100006400000049a5c8d
300000000600d030000000100014009000915192a2c353d4e0900071d2c2f3840464e090001020e1e2534494e090006
151d3135393f4e09000e142a2c2f30384e0900081c232d2f41484e09000d1d26272932474e090006151c262f303f4e0000
000056450e01565750535456575a62554554544d50525455575e440e01455554f525456585b63380f014550504a4b4
d4e52565b010054450e0$
    || || "device_type" = <626c7565746f746800>
    || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=({(0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)'),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)'),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)'),"IORepo$
    || || }
    || || }
    || || +-o AppleBluetoothModule <class AppleBluetoothModule, id 0x10000027c, registered, matched, active, busy 0 (71
ms), retain 12>
    || || {
    || || | "IOClass" = "AppleBluetoothModule"
    || || | "CFBundleIdentifier" = "com.apple.driver.AppleBluetoothModule"
    || || | "IOProviderClass" = "AppleARMIODevice"
    || || | "Time Sync" = Yes
    || || | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8002,"MaxPowerState
"=0x1,"DriverPowerState"=0x0}
    || || | "IOUserClientClass" = "AppleBluetoothModuleUserClient"
    || || | "IOProbeScore" = 0x0
    || || | "IONameMatch" = "bluetooth"
    || || | "IOMatchedAtBoot" = Yes
    || || | "IOMatchCategory" = "AppleBluetoothModule"
    || || | "IOGeneralInterest" = "IOCommand is not serializable"
    || || | "IONameMatched" = "bluetooth"
    || || | "IOPersonalityPublisher" = "com.apple.driver.AppleBluetoothModule"
    || || | "autoOn" = No
    || || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleBluetoothModule"
    || || | "InReset" = No
    || || | }
    || || | }
    || || +-o BTDebug <class BTDebug, id 0x10000069b, registered, matched, active, busy 0 (4 ms), retain 7>
    || || {
    || || | "IOProbeScore" = 0x0
    || || | "CFBundleIdentifier" = "com.apple.driver.AppleBluetoothDebug"
    || || | "IOMatchCategory" = "BTDebug"
    || || | "IOClass" = "BTDebug"
    || || | "IOPersonalityPublisher" = "com.apple.driver.AppleBluetoothDebug"
    || || | "IOProviderClass" = "AppleBluetoothModule"
    || || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleBluetoothDebug"
    || || | "IOMatchedAtBoot" = Yes
    || || | "IOUserClientClass" = "BTDebugUserClient"
    || || | "IOReportLegendPublic" = Yes
    || || | "IOReportLegend" = ({"IOReportChannels"=({(0x4c6f675265616453,0x180000001,"Read Success Count"),
(0x4c6f675265616446,0x180000001,"Read Failure Count"),(0x4c6f6744756d7073,0x180000001,"Log Dump
Count"),"IOReportGroupName"="Logging Global","IOReportChannelInfo"=({"IOReportChannelUnit"=0x0}),
{"IOReportChannels"=({(0x4c6f674e6d627200,0x180000001,"Number of Logs"),
(0x4c6f674279746500,0x180000001,"Number of Bytes"),"IOReportGroupName"="RealTime
Logs","IOReportChannelInfo"=({"IOReportChannelUnit"=0x0}),{"IOReportChannels"=({(0x4c6f674$
    || || | }
    || || | }
    || || +-o CCDataPipe <class CCDataPipe, id 0x10000069d, registered, matched, active, busy 0 (3 ms), retain 10>
    || || {
    || || | "LogDataType" = 0x2
    || || | "IOClass" = "CCDataPipe"
    || || | "Filename" = ""
    || || | "LogType" = 0x2
    || || | "Name" = "StateDump"
    || || | "NumberOfFiles" = 0x0
    || || | "LogIdentifier" = ""
    || || | "PipeSize" = 0x40
    || || | "MinLogSizeToNotify" = 0x0
    || || | "IOReportLegend" =
{"IOReportGroupName"="CoreCapture","IOReportChannels"=({(0x434350204c202020,0x180100001,"
Log Calls"),(0x434350204c4d4442,0x180100001," Log Messages Dropped Short Of Buffer"),
(0x434350204c435220,0x180100001," Capture
Requests"),"IOReportChannelInfo"=({"IOReportChannelUnit"=0x6400000000000000}),"IOReportSubGroupName"="Pipe
StateDump"})
    || || | "LogPolicy" = 0x0
    || || | "Owner" = "com.apple.driver.BTDebug"
    || || | "FileOptions" = 0x0
    || || | "NotifyThreshold" = 0x0
    || || | "DirectoryName" = "BT"
    || || | "IOReportLegendPublic" = Yes
    || || | "Statistics" = {"timestamp"=0x0,"Errors"=({"metaDataCounts: invalidState"=0x0,"metaDataCounts:
invalidPaddingSize"=0x0,"metaDataCounts: invalidLogLevel"=0x0,"reserveRingEntryDrops"=0x0,"metaDataCounts:
invalidPayloadSize"=0x0})
    || || | "PipeType" = 0x1
    || || | "FileSize" = 0x0
    || || | }
    || || | }
    || || +-o CCDataStream <class CCDataStream, id 0x10000069e, registered, matched, active, busy 0 (3 ms), retain
7>
```



```
|| | | +-o AppleConvergedIPCSkywalkInterface <class AppleConvergedIPCSkywalkInterface, id 0x10000b47,
registered, matched, active, busy 0 (1 ms), retain 8>
|| | | | |{
|| | | | |}
|| | | | |
|| | | | +-o IOSkywalkKernelPipeBSDClient <class IOSkywalkKernelPipeBSDClient, id 0x10000b4b, registered,
matched, active, busy 0 (0 ms), retain 8>
|| | | | |{
|| | | | | "IOClass" = "IOSkywalkKernelPipeBSDClient"
|| | | | | "CFBundleIdentifier" = "com.apple.iokit.IOSkywalkFamily"
|| | | | | "IOProviderClass" = "IOSkywalkInterface"
|| | | | | "IOSkywalkNexusUUID" = "B14F1723-00DA-498B-81AB-080B43262C66"
|| | | | | "IOResourceMatch" = "IOBSD"
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "IOReportLegend" = ("IOReportGroupName"="RX Completion
Queue", "IOReportChannels"=((0x534b726300000000,0x180000001,"Enabled"),
(0x534b726300000001,0x180000001,"Ring Size"),(0x534b726300000002,0x180000001,"Capacity"),
(0x534b726300000003,0x180000001,"Buffer Size"),(0x534b726300000004,0x180000001,"Queue State"),
(0x534b726300000005,0x180000001,"Ring State"),(0x534b726300000006,0x180000001,"Packet Count"),
(0x534b726300000007,0x180000001,"Queue Full Count"),(0x534b726300000008,0x180000001,"Queue Full Max Time"),
(0x534b726300000009,0x180000001,"Queue Full Max Time")),
|| | | | | "IOReportLegendPublic" = Yes
|| | | | | "IOPersonalityPublisher" = "com.apple.iokit.IOSkywalkFamily"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
|| | | | | }
|| | | | +-o AppleConvergedIPCRTIInterface <class AppleConvergedIPCRTIInterface, id 0x10000b49, registered,
matched, active, busy 0 (0 ms), retain 23>
|| | | | |{
|| | | | | "ACIPInterfaceProtocol" = "acl"
|| | | | | "ACIPInterfaceUnit" = 0x2
|| | | | | "ACIPInterfaceTransport" = "skywalk"
|| | | | | }
|| | | | +-o AppleConvergedIPCSkywalkInterface <class AppleConvergedIPCSkywalkInterface, id 0x10000b4a,
registered, matched, active, busy 0 (0 ms), retain 8>
|| | | | | |{
|| | | | | |}
|| | | | | |
|| | | | | +-o IOSkywalkKernelPipeBSDClient <class IOSkywalkKernelPipeBSDClient, id 0x10000b4d, registered,
matched, active, busy 0 (0 ms), retain 8>
|| | | | | |{
|| | | | | | "IOClass" = "IOSkywalkKernelPipeBSDClient"
|| | | | | | "CFBundleIdentifier" = "com.apple.iokit.IOSkywalkFamily"
|| | | | | | "IOProviderClass" = "IOSkywalkInterface"
|| | | | | | "IOSkywalkNexusUUID" = "3A09C836-7272-4EBD-B94C-CE80CB227C72"
|| | | | | | "IOResourceMatch" = "IOBSD"
|| | | | | | "IOProbeScore" = 0x0
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | "IOReportLegend" = ("IOReportGroupName"="RX Completion
Queue", "IOReportChannels"=((0x534b726300000000,0x180000001,"Enabled"),
(0x534b726300000001,0x180000001,"Ring Size"),(0x534b726300000002,0x180000001,"Capacity"),
(0x534b726300000003,0x180000001,"Buffer Size"),(0x534b726300000004,0x180000001,"Queue State"),
(0x534b726300000005,0x180000001,"Ring State"),(0x534b726300000006,0x180000001,"Packet Count"),
(0x534b726300000007,0x180000001,"Queue Full Count"),(0x534b726300000008,0x180000001,"Queue Full Max Time"),
(0x534b726300000009,0x180000001,"Queue Full Max Time")),
|| | | | | | "IOReportLegendPublic" = Yes
|| | | | | | "IOPersonalityPublisher" = "com.apple.iokit.IOSkywalkFamily"
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
|| | | | | | }
|| | | | | +-o AppleConvergedIPCRTIInterface <class AppleConvergedIPCRTIInterface, id 0x10000b4c, registered,
matched, active, busy 0 (0 ms), retain 8>
|| | | | | |{
|| | | | | | "ACIPInterfaceProtocol" = "debug"
|| | | | | | "ACIPInterfaceTransport" = "userclient"
|| | | | | | "IOUserClientClass" = "AppleConvergedIPCUserClient"
|| | | | | | "ACIPInterfaceUnit" = 0x3
|| | | | | | }
|| | | | | +-o AppleConvergedIPCPLYBTLogProvider <class AppleConvergedIPCPLYBTLogProvider, id 0x10000b4e,
registered, matched, active, busy 0 (0 ms), retain 6>
|| | | | | |{
|| | | | | | "IOProbeScore" = 0x2710
|| | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleConvergedIPCPLYBTControl"
|| | | | | | "IOMatchCategory" = "AppleConvergedIPCPLYBTLogProvider"
|| | | | | | "IOClass" = "AppleConvergedIPCPLYBTLogProvider"
|| | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleConvergedIPCPLYBTControl"
|| | | | | | "IOProviderClass" = "AppleConvergedIPCRTIInterface"
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleConvergedIPCPLYBTControl"
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "ACIPInterfaceProtocol" = "debug"
|| | | | | | }
|| | | | +-o apcie@90000000 <class AppleARMIODevice, id 0x1000014a, registered, matched, active, busy 0 (314 ms),
retain 10>
|| | | | |{
|| | | | | "pci-aer-correctable" = <00000000>
|| | | | | "lane-cfg" = <00000000>
|| | | | | "bus-range" = <0000000008000000>
|| | | | | "dev-range" = <00000000ff000000>
|| | | | | "msi-parent-controller" = <70000000>
|| | | | | "#size-cells" = <02000000>
|| | | | | "interrupt-parent" = <70000000>
|| | | | | "#msi-vectors" = <20000000>
|| | | | | "msi-address" = <00f0ffff00000000>
|| | | | | "interrupts" = <b7020000ba020000bd020000>
|| | | | | "apcie-common-tunables" =
<2c00000004000000ff0000000000000001000000000000000540000004000000ffff000000004001000000000000
>
|| | | | | "#ports" = <03000000>
|| | | | | "link-state-power" = <00000000000000000000000000000000000000000000>
|| | | | | "msi-vector-offset" = <c0020000>
|| | | | | "IODTPersist" = 0x0
|| | | | | "clock-gates" = <4d0000000610000001d0000000>
```



```
    || | "name" = <646172742d61706369653000>
    || | "interrupt-parent" = <70000000>
    || | "vm-offset" = <0000000000000008>
    || | "compatible" = <646172742c743830323000>
    || | "page-size" = <00400000>
    || | "interrupts" = <b8020000>
    || | "diag-config" = <00210080>
    || | "manual-availability" = <01000000>
    || | "vm-base" = <00001000>
    || | "dart-tunables-instance-0" =
<6000000004000000000610080000000000061008000000000068000000040000000f0f0f0000000000f0f0f00000000
006c00000004000000ffff00000000000808080000000000>
    || | "error-reflector" = <00c0ff3c02000000>
    || | "device_type" = <6461727400>
    || | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)", "IOReportChannels"=({"0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"},
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"},
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
    || | "reg" = <00800081060000000040000000000000>
    || | "vm-size" = <0000e03f>
    || | }
    || | }
    || | }
    || | +-o AppleT8020DART <class AppleT8020DART, id 0x10000027e, registered, matched, active, busy 0 (49 ms),
retain 114>
    || | {
    || | | "IOClass" = "AppleT8020DART"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "IOFunctionParent0000004F" = <>
    || | | "IOPlatformActiveAction" = 0x13880
    || | | "IOUserClientClass" = "IODARTClient"
    || | | "IOPlatformSleepAction" = 0x13880
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = "dart,t8020"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IONameMatched" = "dart,t8020"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
    || | | "iommu-dart-identity" = <4f000000>
    || | | }
    || | | }
    || | | +-o mapper-apcie0-wlan <class IODARTMapperNub, id 0x10000014f, registered, matched, active, busy 0 (40
ms), retain 8>
    || | | {
    || | | | "AAPL,phandle" = <50000000>
    || | | | "reg" = <01000000>
    || | | | "name" = <6d61707065722d6170636965302d776c616e00>
    || | | | "compatible" = <696f6d6d752d6d617070657200>
    || | | | "device_type" = <646172742d6d617070657200>
    || | | | }
    || | | | }
    || | | | +-o IODARTMapper <class IODARTMapper, id 0x1000003a1, registered, matched, active, busy 0 (15 ms), retain
672>
    || | | | {
    || | | | | "IOClass" = "IODARTMapper"
    || | | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
    || | | | | "IOProviderClass" = "IODARTMapperNub"
    || | | | | "iommu-dart-translation" = Yes
    || | | | | "IOUserClientClass" = "IODARTMapperClient"
    || | | | | "IOProbeScore" = 0x0
    || | | | | "IONameMatch" = "iommu-mapper"
    || | | | | "IOMatchedAtBoot" = Yes
    || | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | | | "IONameMatched" = "iommu-mapper"
    || | | | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
    || | | | | "IOMapperID" = <50000000>
    || | | | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
    || | | | | }
    || | | | | }
    || | | | | +-o mapper-apcie0-bt <class IODARTMapperNub, id 0x100000150, registered, matched, active, busy 0 (34 ms),
retain 8>
    || | | | | {
    || | | | | | "AAPL,phandle" = <51000000>
    || | | | | | "reg" = <02000000>
    || | | | | | "name" = <6d61707065722d6170636965302d627400>
    || | | | | | "compatible" = <696f6d6d752d6d617070657200>
    || | | | | | "device_type" = <646172742d6d617070657200>
    || | | | | | }
    || | | | | | }
    || | | | | | +-o IODARTMapper <class IODARTMapper, id 0x10000035c, registered, matched, active, busy 0 (19 ms), retain
106>
    || | | | | | {
    || | | | | | | "IOClass" = "IODARTMapper"
    || | | | | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
    || | | | | | | "IOProviderClass" = "IODARTMapperNub"
    || | | | | | | "iommu-dart-translation" = Yes
    || | | | | | | "IOUserClientClass" = "IODARTMapperClient"
    || | | | | | | "IOProbeScore" = 0x0
    || | | | | | | "IONameMatch" = "iommu-mapper"
    || | | | | | | "IOMatchedAtBoot" = Yes
    || | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | | | | | "IONameMatched" = "iommu-mapper"
    || | | | | | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
    || | | | | | | "IOMapperID" = <51000000>
    || | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
    || | | | | | | }
    || | | | | | | }
    || | | | | | | +-o apcie0@B0000000 <class AppleARMIODevice, id 0x100000151, registered, matched, active, busy 0 (389 ms),
retain 10>
    || | | | | | | {
    || | | | | | | | "pci-aer-correctable" = <00000000>
    || | | | | | | | "bus-range" = <0000000080000000>
    || | | | | | | | "dev-range" = <00000000ff000000>
    || | | | | | | | "msi-parent-controller" = <70000000>
    || | | | | | | | "#size-cells" = <02000000>
    || | | | | | | | }
```



```

    | | | "interrupt-parent" = <70000000>
    | | | "#msi-vectors" = <20000000>
    | | | "msi-address" = <00f0ffff00000000>
    | | | "interrupts" = <02030000>
    | | | "link-state-power" = <00000000000000000000000000000000>
    | | | "apciec-piodma" = <56000000>
    | | | "atc-apcie-fabric-tunables" =
<0400000004000000f001f00000000001800180000000000800000004000000010000000000000010000000000
0000c000000040000000100000000000001000000000000010000000040000001f8000000000000040000000
0000001800000004000000ff0300000000000800200000000000440000000400000010000000000000100000
0000000094000000040000001f8000000000000040000000000009c000000040000001f8000000000000000400
0000000000020000000040000001f80000000000000400000000000028000000040000003f00000000000002
000000000000002c000000040000001f8000$
    | | | "msi-vector-offset" = <e2020000>
    | | | "IODTPersist" = 0x0
    | | | "clock-gates" = <5f0100005b010000>
    | | | "IOInterruptControllers" = ("IOInterruptController00000070")
    | | | "IOPCIConfigured" = Yes
    | | | "acio-parent" = <57000000>
    | | | "pci-aer-uncorrectable" = <01000000>
    | | | "atc-apcie-debug-tunables" = <00100000040000001000000000000000000000000000000000>
    | | | "ranges" =
<000000430000000004000000000000040000000000080000000000000020000008000000000000080040
000000000040000000000000042000000c0000000000000c00400000000000400000000>
    | | | "AAPL,phandle" = <52000000>
    | | | "atc-apcie-rc-tunables" =
<180700000400000000c0070000000000000000000000000000bc080000040000000100000000000000000000
000078000000400000007000000000000000000000000000000140800004000000ffffff0000000060f000000000
0000>
    | | | "power-gates" = <5f0100005b010000>
    | | | "name" = <6170636965633000>
    | | | "IODeviceMemory" = ({"address"=0x3b000000,"length"=0x10000000}),
({"address"=0x3a000000,"length"=0x4000}),({"address"=0x3a100000,"length"=0x8000}),
({"address"=0x3a0004000,"length"=0x4000}),({"address"=0x3a020000,"length"=0x4000})
    | | | "apcie-config-tunables" = <4001000004000000010000000000000100000000000000>
    | | | "device_type" = <7063692d6300>
    | | | "compatible" = <6170636965632c743831303300>
    | | | "IOReportLegendPublic" = Yes
    | | | "reg" =
<000000b0030000000000010000000000000a00300000000400000000000000000a10300000008000000000
0000004000a003000000004000000000000000000020a0030000000040000000000000>
    | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
    | | | "#address-cells" = <03000000>
    | | | "IOInterruptSpecifiers" = <(02030000)>
    | | | "xhci-interrupt-rmbs" = <10270000>
    | | | }
    | | | }
    | | | +-o AppleT8103PCleC <class AppleT8103PCleC, id 0x10000027f, registered, matched, active, busy 0 (9 ms),
retain 8>
    | | | | {
    | | | | | "IOClass" = "AppleT8103PCleC"
    | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleT8103PCleC"
    | | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | | "IOPlatformActiveAction" = 0x5dc
    | | | | | "IOUserClientClass" = "AppleTunneledPCIEUserClient"
    | | | | | "IOPlatformQuiesceAction" = 0xfa0
    | | | | | "IOProbeScore" = 0x0
    | | | | | "IONameMatch" = "apciec,t8103"
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | "IOReportLegend" =
({"IOReportGroupName"="AppleEmbeddedPCIE","IOReportChannels"=(0x4c537450727430,0x400020002,"apciec0 Link
States"),"IOReportChannelInfo"={"IOReportChannelUnit"=0x100007900000000,"IOReportSubGroupName"="Link
States"},"IOReportChannels"=(0x4576303050727430,0x180000001,"Port 0 Enable Request
"),
(0x4576303150727430,0x180000001,"Port 0 Enable Complete
"),(0x4576303250727430,0x180000001,"Port 0
Disable Request
"),(0x4576303350727430,0x180000001,"Port 0 Disable $
    | | | | | "IOReportLegendPublic" = Yes
    | | | | | "IOFunctionParent00000052" = <>
    | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x3}
    | | | | | "IONameMatched" = "apciec,t8103"
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8103PCleC"
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103PCleC"
    | | | | | }
    | | | | | }
    | | | | +-o pcie0-bridge@0 <class IOPCIDevice, id 0x100000578, registered, matched, active, busy 0 (9 ms), retain 12>
    | | | | | {
    | | | | | | "IOPCIExpressLinkCapabilities" = 0x733901
    | | | | | | "vendor-id" = <6b100000>
    | | | | | | "class-code" = <00040600>
    | | | | | | "#msi-vectors" = <20000000>
    | | | | | | "pci-ignore-linkstatus" = <>
    | | | | | | "#size-cells" = <02000000>
    | | | | | | "IOName" = "pci-bridge"
    | | | | | | "function-dart_force_active" = <5400000074636146>
    | | | | | | "device-protection-granularity" = <d8120f4000010000>
    | | | | | | "msi-for-bridges" = <>
    | | | | | | "function-dart_self" = <54000000666c6553>
    | | | | | | "IOPCIHPType" = 0x31
    | | | | | | "pcidebug" = "0:0(1:128)"
    | | | | | | "Thunderbolt Path" = "IOService:/AppleARMPE/arm-io@10F00000/AppleT810xIO/acio0@81F00000/
AppleThunderboltHALType5/AppleThunderboltNHIType5/IOTThunderboltControllerType5/IOTThunderboltPort@7/
IOTThunderboltSwitchType5/IOTThunderboltPort@3"
    | | | | | | "IOPCIExpressLinkStatus" = 0x1011
    | | | | | | "pci-aspm-default" = 0x2
    | | | | | | "IOPCIExpressCapabilities" = 0x42
    | | | | | | "IOServiceDXTEntitlements" =
("com.apple.developer.driverkit.transport.pci","com.apple.developer.driverkit.transport.pci.bridge")
    | | | | | | "IOPCIConfigured" = Yes
    | | | | | | "IOInterruptControllers" = ("APCIECMSICController-apciec0")
    | | | | | | "IODTPersist" = 0x0
    | | | | | | "Thunderbolt Entry ID" = 0x100000570
    | | | | | | "IOPCIResourced" = Yes

```


00001000000000000004000000004000000700\$
|| || "function-dock_parent" = <1d01000050636361>
|| || "atc-phy-parent" = <b3000000>
|| || "link-speed-default" = <080c0c00>
|| || "interrupt-parent" = <70000000>
|| || "port-defaults" = <16b0802b16b0802b0840802b0840802b0948802b0948802b0b58802b>
|| || "function-dart_force_active" = <5800000074636146>
|| || "interrupts" =
<1b0300001c0300001d0300001e0300001f03000020030000210300002203000023030000240300002503000026030
0000f030000100300001103000012030000130300001403000015030000160300001703000018030000190300001a030
000>
|| || "top_tunables" =
<0000000040000000f0000000000001030000000000002c0000004000000040000000000000000000000000
000>
|| || "iommu-parent" = <59000000>
|| || "link-width-default" = <01010200>
|| || "lbw_fabric_tunables" =
<0400000004000000700070000000000400040000000000800000040000001f800000000000004000000000
0000100000000400000007000700000000004000400000000018000000040000001f8000000000000040000000
000000200000000400000007000700000000004000400000000028000000040000001f8000000000000040000
00000000030000000040000001f800000000000004000000000003800000040000001f8000000000000040
00000000000040000000040000001f80000000000000400000000000048000000040000001f800000000000
0400000000000005000000040000001f80000000000\$
|| || "spec-version" = <20000000>
|| || "clock-gates" = <df000000e000000e100000051010000>
|| || "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControll
er00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterr
uptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000
70","IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptContr
oller00000070","IOInterruptController0000\$
|| || "IOPCITunnelControllerID" = 0x100000282
|| || "IODeviceMemory" = ({("address"=0x381f0000,"length"=0x100000}),
({"address"=0x381db000,"length"=0x30004}),({("address"=0x381ac000,"length"=0x4000}),
({"address"=0x381ac4000,"length"=0x4000}),({("address"=0x381ac8000,"length"=0x4000}),
({"address"=0x381e44000,"length"=0x4000}))
|| || "AAPL,phandle" = <57000000>
|| || "name" = <6163696f3000>
|| || "power-gates" = <df000000e000000e1000000>
|| || "hbw_fabric_tunables" =
<0400000004000000f0007f0000000000400040000000000800000040000001f800000000000004000000000
0000100000000400000007f000000000000040000000000000001400000040000001f8000000000000040000000
0000001c000000040000001f0000000000000100000000000002400000040000001f80000000000000400000
000000002c000000040000001f00000000000001000000000000030000000040000001f800000000000000400
000000000003800000004000000f00000000000001010101000000003c0000004000000f0000000000000010100
000000000400000004000000010000000000\$
|| || "portmap" = <010000001000000010110000101200001010e0001010e0002000000>
|| || "hi_up_tx_data_fabric_tunables" =
<04000000040000003f0000000000000030000000000000800000040000001f800000000000004000000000
0000100000000400000003f0000000000000300000000000001400000040000001f8000000000000040000000
0000001c000000040000003f000000000000030000000000002000000040000001f8000000000000040000
0000000028000000040000003f0000000000000300000000000002c000000040000001f8000000000000040
0000000000034000000040000003f0000000000000300000000000038000000040000001f80000000000000
0400000000000040000000040000003f\$
|| || "hi_up_wr_fabric_tunables" =
<04000000040000001f000000000000001000000000000800000040000001f800000000000004000000000
000010000000040000001f0000000000000100000000000001400000040000001f8000000000000040000000
0000001c000000040000001f000000000000010000000000002000000040000001f80000000000000400000
000000028000000040000001f0000000000000100000000000002c000000040000001f800000000000004000
00000000034000000040000001f0000000000000100000000000038000000040000001f800000000000004
00000000000040000000040000001f00000\$
|| || "device_type" = <6163696f00>
|| || "compatible" = <6163696f00>
|| || "revision" = <00000000>
|| || "port-type" = <02000000>
|| || "function-pcie_port_control" = <520000004374725053000000>
|| || "fw_int_ctl_management_tunables" =
<0000000040000000f000010000000000200001000000000400000040000000f0000100000000020000100000
0000800000004000000f00001000000000200001000000000c00000040000000f0000100000000002000010000
00000100000004000000f0000100000000020000100000000140000004000000f00001000000000020000100
0000001800000004000000f00001000000000200001000000001c00000004000000f000010000000000200001
000000002000000004000000f00001000000000200001000000000240000004000000f000010000000000200
0010000000002800000040000000\$
|| || "gpio-istx" = <2700000000010000414f5000>
|| || "rid" = <00000000>
|| || "vid-did" = <ac050020>
|| || "reg" =
<0000f08103000000000100000000000000db8103000000040003000000000000ac8103000000004000000000
00000040ac81030000000040000000000000080ac8103000000004000000000000040e48103000000004000000
0000000>
|| || "hi_up_merge_fabric_tunables" =
<04000000040000001f000000000000010000000000000800000040000001f800000000000004000000000
0000100000000400000003f000000000000300000000000001400000040000001f8000000000000040000000
0000001c000000040000001f000000000000010000000000002000000040000001f80000000000000400000
000000028000000040000007f000000000000600000000000002c000000040000001f800000000000004000
00000000034000000040000007800000000000001000000000000>
|| || "hi_up_rx_desc_fabric_tunables" =
<0400000004000000f00000000000008000000040000001f800000000000004000000000
000010000000040000000f000000000000080000000000001400000040000001f8000000000000040000000
0000001c000000040000000f0000000000000800000000000020000000040000001f8000000000000040000
0000000028000000040000000f000000000000080000000000002c000000040000001f8000000000000040
0000000003400000004000000f00000000000080000000000038000000040000001f80000000000000
0400000000000004000000004000000f\$
|| || "port-number" = <01000000>
|| || "thunderbolt-drom" =
<ad009751a0f8da0100a5437a3a013d0001000f000100088180028000000008829001800000000383200284058509010
0058609010002870d01417076c6520496e632e00602694f3000000>
|| || "pcie_adapter_regs_tunables" = <08100000040000006000000000000006000000000000>
|| || "IOInterruptSpecifiers" =
(<1b030000>,<1c030000>,<1d030000>,<1e030000>,<1f030000>,<20030000>,<21030000>,<22030000>,<23030000>
<24030000>,<25030000>,<26030000>,<0f030000>,<10030000>,<11030000>,<12030000>,<13030000>,<14030000>
<15030000>,<16030000>,<17030000>,<18030000>,<19030000>,<1a030000>)
|| || "acio-cpu" = <5b000000>
|| ||}
|| ||}
|| |+o AppleThunderboltHALType5 <class AppleThunderboltHALType5, id 0x100000282, !registered, !matched,
active, busy 0 (384 ms), retain 10>
|| |||{


```

|| || | "Current Link Width" = 0x1
|| || | "Required Bandwidth Allocated" = 0x0
|| || | "Lane" = 0x2
|| || | "Socket ID" = "1"
|| || | "Max Out Hop ID" = 0x16
|| || | "Revision ID" = 0x0
|| || | "Maximum Bandwidth Allocated" = 0x0
|| || | "Port Number" = 0x2
|| || | "Target Link Speed" = 0xc
|| || | "Thunderbolt Version" = 0x20
|| || | "Link Bandwidth" = 0x64
|| || | "Dual-Link Port" = 0x1
|| || | "Supported Link Speed" = 0xc
|| || | "Description" = "Thunderbolt Port"
|| || | "Dual-Link Port RID" = 0x0
|| || | "Adapter Type" = 0x1
|| || | "Hop Table" = ()
|| || | "Vendor ID" = 0x5ac
|| || | "Device ID" = 0x2000
|| || | "Current Link Speed" = 0x8
|| || | }
|| || +-o IOThunderboltPort@3 <class IOThunderboltPort, id 0x100000570, registered, matched, active, busy 0
(10 ms), retain 8>
|| || |{
|| || | | "Max Credits" = 0xae
|| || | | "Description" = "PCI Adapter"
|| || | | "Port Affinity" = (0x1)
|| || | | "Port Number" = 0x3
|| || | | "Max In Hop ID" = 0x8
|| || | | "Hop Table" = ()
|| || | | "Thunderbolt Version" = 0x20
|| || | | "Maximum Bandwidth Allocated" = 0x0
|| || | | "Required Bandwidth Allocated" = 0x0
|| || | | "Device ID" = 0x2000
|| || | | "Revision ID" = 0x0
|| || | | "Max Out Hop ID" = 0x8
|| || | | "PCI Path" = "IOService:/AppleARMPE/arm-io@10F00000/AppleT810xIO/apciec0@B0000000/
AppleT8103PCleC/pcic0-bridge@0"
|| || | | "PCI Entry ID" = 0x100000578
|| || | | "Vendor ID" = 0x5ac
|| || | | "Adapter Type" = 0x100101
|| || | | }
|| || | | +-o AppleThunderboltPCIDownAdapterType5 <class AppleThunderboltPCIDownAdapterType5, id
0x10000058d, registered, matched, active, busy 0 (0 ms), retain 5>
|| || | | |{
|| || | | | | "IOProbeScore" = 0x2000
|| || | | | | "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltPCIDownAdapter"
|| || | | | | "IOProviderClass" = "IOThunderboltPort"
|| || | | | | "IOClass" = "AppleThunderboltPCIDownAdapterType5"
|| || | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltPCIDownAdapter"
|| || | | | | "Adapter Type" = 0x100101
|| || | | | | "Device ID" = "0x00002000&0x0000ff00"
|| || | | | | "Vendor ID" = 0x5ac
|| || | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltPCIDownAdapter"
|| || | | | | "IOMatchedAtBoot" = Yes
|| || | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| || | | | | }
|| || | | +-o IOThunderboltPort@4 <class IOThunderboltPort, id 0x100000571, registered, matched, active, busy 0
(10 ms), retain 8>
|| || | | |{
|| || | | | | "Max Credits" = 0xae
|| || | | | | "Description" = "USB Adapter"
|| || | | | | "Port Affinity" = (0x1)
|| || | | | | "Port Number" = 0x4
|| || | | | | "Max In Hop ID" = 0x8
|| || | | | | "Hop Table" = ()
|| || | | | | "Thunderbolt Version" = 0x20
|| || | | | | "Maximum Bandwidth Allocated" = 0x0
|| || | | | | "Required Bandwidth Allocated" = 0x0
|| || | | | | "Device ID" = 0x2000
|| || | | | | "Revision ID" = 0x0
|| || | | | | "Max Out Hop ID" = 0x8
|| || | | | | "Vendor ID" = 0x5ac
|| || | | | | "Adapter Type" = 0x200101
|| || | | | | }
|| || | | +-o AppleThunderboltUSBDownAdapter <class AppleThunderboltUSBDownAdapter, id 0x10000059f,
registered, matched, active, busy 0 (1 ms), retain 5>
|| || | | |{
|| || | | | | "IOProbeScore" = 0x1000
|| || | | | | "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltUSBDownAdapter"
|| || | | | | "IOProviderClass" = "IOThunderboltPort"
|| || | | | | "IOClass" = "AppleThunderboltUSBDownAdapter"
|| || | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltUSBDownAdapter"
|| || | | | | "Adapter Type" = 0x200101
|| || | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltUSBDownAdapter"
|| || | | | | "IOMatchedAtBoot" = Yes
|| || | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| || | | | | }
|| || | +-o IOThunderboltPort@5 <class IOThunderboltPort, id 0x100000573, registered, matched, active, busy 0
(10 ms), retain 9>
|| || | |{
|| || | | | "Max Credits" = 0xae
|| || | | | "Description" = "DP or HDMI Adapter"
|| || | | | "Port Number" = 0x5
|| || | | | "Max In Hop ID" = 0x9
|| || | | | "Hop Table" = ()
|| || | | | "Thunderbolt Version" = 0x20
|| || | | | "Maximum Bandwidth Allocated" = 0x0
|| || | | | "Required Bandwidth Allocated" = 0x0
|| || | | | "Device ID" = 0x2000
|| || | | | "Revision ID" = 0x0
|| || | | | "Max Out Hop ID" = 0x9
|| || | | | "Vendor ID" = 0x5ac

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|| || | | "Adapter Type" = 0xe0101
|| || | | }
|| || | | }
|| || | | +-o AppleThunderboltDPIAdapter <class AppleThunderboltDPIAdapter, id 0x100000596, registered,
matched, active, busy 0 (2 ms), retain 6>
|| || | | {
|| || | | "IOProbeScore" = 0x2000
|| || | | "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltDPIAdapter"
|| || | | "IOProviderClass" = "IOThunderboltPort"
|| || | | "IOClass" = "AppleThunderboltDPIAdapter"
|| || | | "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltDPIAdapter"
|| || | | "Adapter Type" = 0xe0101
|| || | | "Device ID" = "0x00002000&0x0000ff00"
|| || | | "Vendor ID" = 0x5ac
|| || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltDPIAdapter"
|| || | | "IOMatchedAtBoot" = Yes
|| || | | "IOMatchCategory" = "IODefaultMatchCategory"
|| || | | }
|| || | | +-o IOThunderboltPort@6 <class IOThunderboltPort, id 0x100000574, registered, matched, active, busy 0 (7
ms), retain 9>
|| || | | {
|| || | | "Max Credits" = 0xae
|| || | | "Description" = "DP or HDMI Adapter"
|| || | | "Port Number" = 0x6
|| || | | "Max In Hop ID" = 0x9
|| || | | "Hop Table" = ()
|| || | | "Thunderbolt Version" = 0x20
|| || | | "Maximum Bandwidth Allocated" = 0x0
|| || | | "Required Bandwidth Allocated" = 0x0
|| || | | "Device ID" = 0x2000
|| || | | "Revision ID" = 0x0
|| || | | "Max Out Hop ID" = 0x9
|| || | | "Vendor ID" = 0x5ac
|| || | | "Adapter Type" = 0xe0101
|| || | | }
|| || | | +-o AppleThunderboltDPIAdapter <class AppleThunderboltDPIAdapter, id 0x100000593, registered,
matched, active, busy 0 (0 ms), retain 6>
|| || | | {
|| || | | "IOProbeScore" = 0x2000
|| || | | "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltDPIAdapter"
|| || | | "IOProviderClass" = "IOThunderboltPort"
|| || | | "IOClass" = "AppleThunderboltDPIAdapter"
|| || | | "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltDPIAdapter"
|| || | | "Adapter Type" = 0xe0101
|| || | | "Device ID" = "0x00002000&0x0000ff00"
|| || | | "Vendor ID" = 0x5ac
|| || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltDPIAdapter"
|| || | | "IOMatchedAtBoot" = Yes
|| || | | "IOMatchCategory" = "IODefaultMatchCategory"
|| || | | }
|| || | | +-o IOTBTunnelClientInterfaceManager <class IOTBTunnelClientInterfaceManager, id 0x100000563, registered,
matched, active, busy 0 (0 ms), retain 8>
|| || | | {
|| || | | }
|| || | | +-o dart-acio0@81A80000 <class AppleARMIODevice, id 0x100000157, registered, matched, active, busy 0 (282
ms), retain 9>
|| || | | {
|| || | | "IOInterruptSpecifiers" = (<2a030000>)
|| || | | "AAPL,phandle" = <58000000>
|| || | | "bypass" = <00800000>
|| || | | "instance" = <54524144441525400000000>
|| || | | "IODeviceMemory" = ({"address"=0x381a8000,"length"=0x4000})
|| || | | "IOReportLegendPublic" = Yes
|| || | | "tlb-invalid-refetch" = <>
|| || | | "dart-options" = <07000000>
|| || | | "IOInterruptControllers" = ("IOInterruptController00000070")
|| || | | "name" = <646172742d616369663000>
|| || | | "interrupt-parent" = <70000000>
|| || | | "compatible" = <646172742c743830323000>
|| || | | "interrupts" = <2a030000>
|| || | | "page-size" = <00400000>
|| || | | "diag-config" = <00210080>
|| || | | "manual-availability" = <01000000>
|| || | | "dart-tunables-instance-0" =
<600000000400000006100800000000000610080000000000068000000040000000f0f0f0000000000f0f000000000
006c00000004000000ffff0000000000080808000000000800100000400000000ff0f00000000001000000000
00840100000400000000ff0f0000000000102000000000880100000400000000ff0f000000000010400000000
008c0100000400000000ff0f0000000000206000000000900100000400000000ff0f000000000020a00000000
00940100000400000000ff0f000000000020e000000000980100000400000000ff0f000000000021200000000
009c0100000400000000ff0f0$
|| || | | "error-reflector" = <00c0ff3c02000000>
|| || | | "device_type" = <6461727400>
|| || | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(("0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
|| || | | "reg" = <0000a881030000000040000000000000>
|| || | | "sids" = <03800000>
|| || | | }
|| || | | +-o AppleT8020DART <class AppleT8020DART, id 0x100000283, registered, matched, active, busy 0 (38 ms),
retain 8>
|| || | | {
|| || | | "IOClass" = "AppleT8020DART"
|| || | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| || | | "IOProviderClass" = "AppleARMIODevice"
|| || | | "IOPlatformActiveAction" = 0x13880
|| || | | "IOUserClientClass" = "IODARTClient"
|| || | | "IOPlatformSleepAction" = 0x13880
|| || | | "IOProbeScore" = 0x0
|| || | | "IONameMatch" = "dart,t8020"
|| || | | "IOMatchedAtBoot" = Yes
```



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    | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | "IONameMatched" = "dart,t8020"
    | | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
    | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
    | | | "iommu-dart-identity" = <58000000>
    | | | "IOFunctionParent00000058" = <>
    | | | }
    | | | }
    | | | +--o mapper-acio0@1 <class IODARTMapperNub, id 0x100000158, registered, matched, active, busy 0 (32 ms),
retain 8>
    | | | |{
    | | | | "device_type" = <646172742d6d617070657200>
    | | | | "reg" = <01000000>
    | | | | "name" = <6d61707065722d6163696f3000>
    | | | | "AAPL,phandle" = <59000000>
    | | | | "compatible" = <696f6d6d752d6d617070657200>
    | | | | }
    | | | | }
    | | | +--o IODARTMapper <class IODARTMapper, id 0x100000363, registered, matched, active, busy 0 (10 ms), retain
6>
    | | | {
    | | |   "IOClass" = "IODARTMapper"
    | | |   "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
    | | |   "IOProviderClass" = "IODARTMapperNub"
    | | |   "iommu-dart-translation" = Yes
    | | |   "IOUserClientClass" = "IODARTMapperClient"
    | | |   "IOProbeScore" = 0x0
    | | |   "IONameMatch" = "iommu-mapper"
    | | |   "IOMatchedAtBoot" = Yes
    | | |   "IOMatchCategory" = "IODefaultMatchCategory"
    | | |   "IONameMatched" = "iommu-mapper"
    | | |   "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
    | | |   "IOMapperID" = <59000000>
    | | |   "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
    | | | }
    | | | }
    | | | +--o acio-cpu0@81100000 <class AppleARMIODevice, id 0x100000159, registered, matched, active, busy 0 (313
ms), retain 9>
    | | | |{
    | | | | "compatible" = <696f702c6d33777261702d76322d6163696f00>
    | | | | "interrupt-parent" = <70000000>
    | | | | "AAPL,phandle" = <5a000000>
    | | | | "interrupts" = <2d0300002c0300002f0300002e030000>
    | | | | "clock-gates" = <51010000>
    | | | | "reg" =
<000010810300000044010000000000000000a010810300000044010000000000000000ac81030000000040000000000
000>
    | | | | "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControlle
r00000070")
    | | | | "device_type" = <6163696f2d63707500>
    | | | | "IOInterruptSpecifiers" = (<2d030000>,<2c030000>,<2f030000>,<2e030000>)
    | | | | "IODeviceMemory" = (({"address"=0x38110000,"length"=0x144}),({"address"=0x38110a000,"length"=0x144}),
({"address"=0x381ac000,"length"=0x400}))
    | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(("0x496e747200020000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001," First Level Interrupt Handler Time (MATUs)" ),
(0x496e747200020003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)" ),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)"),"IORepo$
    | | | | "IOReportLegendPublic" = Yes
    | | | | "role" = <4143494f3000>
    | | | | "name" = <6163696f2d6370753000>
    | | | | }
    | | | | }
    | | | | }
    | | | | +--o AppleM3WrapV2ACIO <class AppleM3WrapV2ACIO, id 0x100000284, !registered, !matched, active, busy 0 (69
ms), retain 5>
    | | | | |{
    | | | | | "IOProbeScore" = 0x0
    | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP"
    | | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | | "IOClass" = "AppleM3WrapV2ACIO"
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP"
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP"
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "IONameMatch" = "iop,m3wrap-v2-acio"
    | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | "IONameMatched" = "iop,m3wrap-v2-acio"
    | | | | | "role" = "ACIO"
    | | | | | }
    | | | | | }
    | | | | +--o iop-acio0-nub <class AppleA7IOPNub, id 0x10000015a, registered, matched, active, busy 0 (68 ms), retain
7>
    | | | | |{
    | | | | | "segment-names" = <5f5f544558543b5f54441544100>
    | | | | | "pre-loaded" = <01000000>
    | | | | | "compatible" = <696f702d6e75622c727462756464792d763200>
    | | | | | "coredump-enable" = <20000000>
    | | | | | "AAPL,phandle" = <5b000000>
    | | | | | "reconfig-preload" = <01000000>
    | | | | | "KDebugCoreID" = 0xc
    | | | | | "running" = <01000000>
    | | | | | "no-firmware-service" = <>
    | | | | | "reconfig-firmware" = <>
    | | | | | "watchdog-enable" = <>
    | | | | | "dont-power-on" = <>
    | | | | | "segment-ranges" =
<0000008103000000000000000000000000000000000000000000000000000000c0020001000000000000810300000000000100000
00000000010000000000000020000000000>
    | | | | | "coredump-rel-privacy-approved" = <>
    | | | | | "name" = <696f702d6163696f302d6e756200>
    | | | | | "user-power-managed" = <01000000>
    | | | | | }
    | | | | | }
    | | | | +--o RTBuddyV2 <class RTBuddyV2, id 0x1000003bf, registered, matched, active, busy 0 (31 ms), retain 8>
    | | | | |{
    | | | | | "IOClass" = "RTBuddyV2"
    | | | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"

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|| | | "IOProviderClass" = "AppleA7IOPNub"
|| | | "IOPlatformPanicAction" = 0x15ba8
|| | | "IOUserClientClass" = "RTBuddyUserClient"
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "iop-nub,rtbuddy-v2"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOReportLegend" =
({"IOReportGroupName"="ACIO0","IOReportChannels"=((0x5254537475730000,0x900020002,"status")), "IOReportChannelInfo"=({"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="IOP State"})
|| | | "IOReportLegendPublic" = Yes
|| | | "IONameMatched" = "iop-nub,rtbuddy-v2"
|| | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| | | "role" = "ACIO0"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| | | }
|| | |
|| | | +-o RTBuddyService <class RTBuddyService, id 0x1000003c1, registered, matched, active, busy 0 (25 ms),
retain 5>
|| | | {
|| | |     "IOProbeScore" = 0x0
|| | |     "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| | |     "IOMatchCategory" = "RTBuddyService"
|| | |     "IOClass" = "RTBuddyService"
|| | |     "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| | |     "IOProviderClass" = "RTBuddy"
|| | |     "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| | |     "IOMatchedAtBoot" = Yes
|| | |     "role" = "ACIO0"
|| | | }
|| | |
|| | | +-o apciec1@3000000 <class AppleARMIODevice, id 0x1000015b, registered, matched, active, busy 0 (413 ms),
retain 10>
|| | | {
|| | |     "pci-aer-correctable" = <00000000>
|| | |     "bus-range" = <0000000080000000>
|| | |     "dev-range" = <00000000ff000000>
|| | |     "msi-parent-controller" = <70000000>
|| | |     "#size-cells" = <02000000>
|| | |     "interrupt-parent" = <70000000>
|| | |     "#msi-vectors" = <20000000>
|| | |     "msi-address" = <00f0ffff00000000>
|| | |     "interrupts" = <52030000>
|| | |     "link-state-power" = <00000000000000000000000000000000>
|| | |     "apciec-piodma" = <60000000>
|| | |     "atc-apcie-fabric-tunables" =
<04000000040000001f001f00000000018001800000000008000000040000001000000000000010000000000
0000c0000000400000001000000000000001000000000000010000000040000001f80000000000000400000000
0000001800000004000000ff03000000000000080020000000000044000000040000000100000000000000100000
0000000094000000040000001f800000000000000400000000000009c00000040000001f800000000000000400
000000000002000000004000001f8000000000000040000000000002800000040000003f00000000000002
000000000000002c000000040000001f80000$
|| | |     "msi-vector-offset" = <32030000>
|| | |     "IODTPersist" = 0x0
|| | |     "clock-gates" = <600100005c010000>
|| | |     "IOInterruptControllers" = ("IOInterruptController00000070")
|| | |     "IOPCIConfigured" = Yes
|| | |     "acio-parent" = <61000000>
|| | |     "pci-aer-uncorrectable" = <01000000>
|| | |     "atc-apcie-debug-tunables" = <00100000040000000100000000000000000000000000000000>
|| | |     "ranges" =
<000000430000080050000000000008005000000000080000000000000020001000000000000001000060
00000000f03f000000000000042000000400000000000004006000000000000400000000>
|| | |     "AAPL_phandle" = <5c000000>
|| | |     "atc-apcie-rc-tunables" =
<18070000040000000c00700000000000000000000000bc08000040000001000000000000000000000000
000078000000040000000070000000000000000000000000001408000004000000ffff0000000060f000000000
0000>
|| | |     "power-gates" = <600100005c010000>
|| | |     "name" = <6170636965633100>
|| | |     "IODeviceMemory" = ({"address"=0x53000000,"length"=0x10000000}),
({"address"=0x52000000,"length"=0x4000}),({"address"=0x52100000,"length"=0x8000}),
({"address"=0x520004000,"length"=0x4000}),({"address"=0x52020000,"length"=0x4000})
|| | |     "apcie-config-tunables" = <400100000400000001000000000000001000000000000000>
|| | |     "device_type" = <7063692d6300>
|| | |     "compatible" = <6170636965632c743831303300>
|| | |     "IOReportLegendPublic" = Yes
|| | |     "reg" =
<0000003005000000000001000000000000020050000000040000000000000000021050000000800000000
0000004000200500000000400000000000000002020050000000400000000000>
|| | |     "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
|| | |     "#address-cells" = <03000000>
|| | |     "IOInterruptSpecifiers" = (<52030000>)
|| | |     "xhci-interrupt-rmbs" = <10270000>
|| | | }
|| | |
|| | | +-o AppleT8103PCleC <class AppleT8103PCleC, id 0x10000285, registered, matched, active, busy 0 (2 ms),
retain 8>
|| | | {
|| | |     "IOClass" = "AppleT8103PCleC"
|| | |     "CFBundleIdentifier" = "com.apple.driver.AppleT8103PCleC"
|| | |     "IOProviderClass" = "AppleARMIODevice"
|| | |     "IOPlatformActiveAction" = 0x5dc
|| | |     "IOUserClientClass" = "AppleTunneledPCIUserClient"
|| | |     "IOPlatformQuiesceAction" = 0xfa0
|| | |     "IOProbeScore" = 0x0
|| | |     "IONameMatch" = "apciec,t8103"
|| | |     "IOMatchedAtBoot" = Yes
|| | |     "IOMatchCategory" = "IODefaultMatchCategory"
|| | |     "IOReportLegend" =
({"IOReportGroupName"="AppleEmbeddedPCIE","IOReportChannels"=((0x4c537450727430,0x400020002,"apciec1 Link
States")), "IOReportChannelInfo"=({"IOReportChannelUnit"=0x100007900000000},"IOReportSubGroupName"="Link
States"), {"IOReportChannels"=((0x4576303050727430,0x180000001,"Port 0 Enable Request
")},
```

```
(0x4576303150727430,0x180000001,"Port 0 Enable Complete
"),(0x4576303250727430,0x180000001,"Port 0
Disable Request
"),(0x4576303350727430,0x180000001,"Port 0 Disable $
| | | "IOReportLegendPublic" = Yes
| | | "IOFunctionParent0000005C" = <>
| | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x3}
| | | "IONameMatched" = "apciec,t8103"
| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8103PCleC"
| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103PCleC"
| | | }
| | | }
| | | +-o pcic1-bridge@0 <class IOPCIDevice, id 0x10000064e, registered, matched, active, busy 0 (1 ms), retain 12>
| | | |{
| | | | "IOPCIExpressLinkCapabilities" = 0x733901
| | | | "vendor-id" = <6b100000>
| | | | "class-code" = <00040600>
| | | | "#msi-vectors" = <20000000>
| | | | "pci-ignore-linkstatus" = <>
| | | | "#size-cells" = <02000000>
| | | | "IOName" = "pci-bridge"
| | | | "function-dart_force_active" = <5e00000074636146>
| | | | "device-protection-granularity" = <d8120f4000010000>
| | | | "msi-for-bridges" = <>
| | | | "function-dart_self" = <5e000000666c6553>
| | | | "IOPCIHPType" = 0x31
| | | | "pcidebug" = "0:0:0(1:128)"
| | | | "Thunderbolt Path" = "IOService:/AppleARMPE/arm-io@10F00000/Applet810xIO/acio1@1F00000/
AppleThunderboltHALType5/AppletThunderboltNHType5/IOTThunderboltControllerType5/IOTThunderboltPort@7/
IOTThunderboltSwitchType5/IOTThunderboltPort@3"
| | | | "IOPCIExpressLinkStatus" = 0x1011
| | | | "pci-aspm-default" = 0x2
| | | | "IOPCIExpressCapabilities" = 0x42
| | | | "IOServiceDXTEntitlements" =
(("com.apple.developer.driverkit.transport.pci","com.apple.developer.driverkit.transport.pci.bridge"))
| | | | "IOPCIConfigured" = Yes
| | | | "IOInterruptControllers" = ("APCIECMSIController-apciec1")
| | | | "IODTPersist" = 0x0
| | | | "Thunderbolt Entry ID" = 0x100000658
| | | | "IOPCIResourced" = Yes
| | | | "AAPL_slot-name" = <536c6f742d203100>
| | | | "function-dart_release_sid" = <5e0000006c655253>
| | | | "AAPL_phandle" = <5d000000>
| | | | "ranges" =
<000000820000100000000000000000820000100000000000000f03f00000000000000c200000040000000000000
00c200000040000000000000000040000000000000000000810000000000000000000000081000000000000000000
00000000>
| | | | "name" = <70636963312d62726964676500>
| | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"ChildProxyPowerState"=0x2,"MaxPowerStat
e"=0x3}
| | | | "default-apcie-options" = <01001080>
| | | | "IOPCITunnelLinkChange" = <>
| | | | "compatible" = <70636965632d62726964676500>
| | | | "marvel-wa-viddids" =
<4b1b20914b1b23914b1b28914b1b30914b1b72914b1b7a914b1b82914b1ba0914b1b20924b1b3092281c22017b19922303
11450603114206340030084b1b35924b1b7191>
| | | | "PCI-Thunderbolt" = <>
| | | | "AppleEmbeddedPCIePort" = "AppleT8103PCleCPort is not serializable"
| | | | "IOReportLegendPublic" = Yes
| | | | "function-dart_request_sid" = <5e00000071655253>
| | | | "msi-vector-base" = <00000000>
| | | | "IOPCIDeviceDeviceTreeEntry" = "IOService is not serializable"
| | | | "reg" = <00000000000000000000000000000000000000000000>
| | | | "IOPCIOnline" = Yes
| | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),,"IO$
| | | | "device-id" = <10100000>
| | | | "#address-cells" = <03000000>
| | | | "revision-id" = <00000000>
| | | | "IOInterruptSpecifiers" = (<3203000000000100>)
| | | | "IOPCIMSI Mode" = Yes
| | | | }
| | | | }
| | | | +-o IOPP <class ApplePCIeHostBridge, id 0x10000065c, registered, matched, active, busy 0 (0 ms), retain 7>
| | | | |{
| | | | | "IOClass" = "ApplePCIeHostBridge"
| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleT8103PCleC"
| | | | | "IOProviderClass" = "IOPCIDevice"
| | | | | "IOPCIPowerOnProbe" = No
| | | | | "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x3,"DriverPowerState"=0x0}
| | | | | "IOProbeScore" = 0x1388
| | | | | "IONameMatch" = "pciec-bridge"
| | | | | "IOMatchedAtBoot" = Yes
| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
| | | | | "IONameMatched" = "pciec-bridge"
| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8103PCleC"
| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103PCleC"
| | | | | }
| | | | | }
| | | | +-o dart-apciec1@21008000 <class AppleARMIODevice, id 0x10000015d, registered, matched, active, busy 0 (287
ms), retain 9>
| | | | |{
| | | | | "IOInterruptSpecifiers" = (<53030000>)
| | | | | "AAPL_phandle" = <5e000000>
| | | | | "IODeviceMemory" = ({("address"=0x521008000,"length"=0x4000)})
| | | | | "instance" = <545241444415254000000000>
| | | | | "IOReportLegendPublic" = Yes
| | | | | "tlb-invalid-refetch" = <>
| | | | | "dart-options" = <17000000>
| | | | | "IOInterruptControllers" = ("IOInterruptController00000070")
| | | | | "name" = <646172742d6170636965633100>
| | | | | "interrupt-parent" = <70000000>
| | | | | "vm-reserve" = <00400000000000000000000000000000>
```



```
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
|| ||}
|| ||}
|| || +-o ApplePIODMAPCLeCT8103@1 <class ApplePIODMAPCLeCT8103, id 0x100000286, registered, matched, active,
busy 0 (3 ms), retain 6>
|| || {
|| || "IOProbeScore" = 0x0
|| || "CFBundleIdentifier" = "com.apple.driver.AppleT8103PCleC"
|| || "IOProviderClass" = "AppleARMIODevice"
|| || "IOClass" = "ApplePIODMAPCLeCT8103"
|| || "IOPersonalityPublisher" = "com.apple.driver.AppleT8103PCleC"
|| || "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103PCleC"
|| || "IOMatchedAtBoot" = Yes
|| || "IONameMatch" = "pciec-apidma,t8103"
|| || "IOMatchCategory" = "IODefaultMatchCategory"
|| || "IONameMatched" = "pciec-apidma,t8103"
|| || "pidma-id" = <01000000>
|| || }
|| ||}
|| +-o acio1@1F00000 <class AppleARMIODevice, id 0x100001160, registered, matched, active, busy 0 (516 ms),
retain 9>
|| || {
|| || "hi_up_tx_desc_fabric_tunables" =
<0400000040000000f000000000000000080000000000000000800000040000001f8000000000000040000000000
000010000000040000000f000000000000000800000000000014000000040000001f8000000000000040000000
00000001c000000040000000f0000000000000080000000000002000000004000000078000000000000001000
00000000028000000040000000f000000000000000800000000000002c000000040000001f8000000000000040
00000000003400000004000000f0000000000000080000000000038000000040000001f80000000000000
040000000000004000000004000000f$
|| || "hi_dn_merge_fabric_tunables" =
<04000000400000007000000000000000400000000000000800000004000000780000000000001000000000
0000100000000400000007000000000000004000000000000140000004000000780000000000001000000
00000001c000000040000000700000000000004000000000000020000000040000000780000000000001000
0000000002800000004000000070000000000000400000000000002c00000004000000780000000000000
1000000000000340000000400000007000000000000040000000000003800000004000000780000000000
000010000000000004000000004000000700$
|| || "function-dock_parent" = <1e01000050636361>
|| || "atc-phy-parent" = <b9000000>
|| || "link-speed-default" = <080c0c00>
|| || "interrupt-parent" = <70000000>
|| || "port-defaults" = <16b0802b16b0802b0840802b0840802b0948802b0948802b058802b>
|| || "function-dart_force_active" = <6200000074636146>
|| || "interrupts" =
<6b0300006c0300006d0300006e0300006f03000070030000710300007203000073030000740300007503000076030
005f030000600300006103000062030000630300006403000065030000660300006703000068030000690300006a
030000>
|| || "top_tunables" =
<00000000040000000ff0000000000001030000000000002c0000000400000004000000000000000000000000
0000>
|| || "iommu-parent" = <63000000>
|| || "link-width-default" = <01010200>
|| || "lbw_fabric_tunables" =
<040000000400000007000700000000004000400000000008000000040000001f8000000000000040000000000
000010000000040000000700070000000000400040000000018000000040000001f8000000000000040000000
00000002000000004000000070007000000000400040000000028000000040000001f8000000000000040000
00000000030000000040000001f8000000000000400000000000038000000040000001f8000000000000040
0000000000040000000040000001f8000000000000400000000000048000000040000001f80000000000000
0400000000000050000000040000001f8000000000$
|| || "spec-version" = <20000000>
|| || "clock-gates" = <e4000000e5000000e600000052010000>
|| || "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterr
uptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControll
er00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterr
uptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptController000000
70","IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptContr
oller00000070","IOInterruptController000$
|| || "IOPCI TunnelControllerID" = 0x100000287
|| || "IODeviceMemory" = ({("address"=0x501f0000,"length"=0x100000)},
{"address"=0x501db000,"length"=0x30004},{"address"=0x501ac000,"length"=0x4000},
{"address"=0x501ac400,"length"=0x4000},{"address"=0x501ac800,"length"=0x4000},
{"address"=0x501e44000,"length"=0x4000});
|| || "AAPL,phandle" = <61000000>
|| || "name" = <6163696f3100>
|| || "power-gates" = <e4000000e5000000e6000000>
|| || "hbw_fabric_tunables" =
<0400000004000000f007f000000000004000400000000008000000040000001f8000000000000040000000000
00001000000004000000f0000000000000400000000000014000000040000001f8000000000000040000000
00000001c000000040000001f00000000000001000000000000024000000040000001f800000000000004000000
00000002c000000040000001f000000000000010000000000000300000000000002c000000040000001f80000000000000400
0000000003800000004000000ffffff00000000101010100000003c00000004000000ffff00000000000010100
00000000400000000400000001000000000$
|| || "portmap" = <0100000001000000010110000101200001010e0001010e0002000000>
|| || "hi_up_tx_data_fabric_tunables" =
<04000000040000003f0000000000000300000000000008000000040000001f8000000000000040000000000
000010000000040000003f00000000000003000000000000014000000040000001f8000000000000040000000
00000001c000000040000003f00000000000003000000000000020000000040000001f800000000000004000000
000000028000000040000003f0000000000000300000000000002c000000040000001f800000000000004000
00000000034000000040000003f0000000000000300000000000038000000040000001f80000000000000
0400000000000040000000040000003f$
|| || "hi_up_wr_fabric_tunables" =
<04000000040000001f0000000000000100000000000008000000040000001f8000000000000040000000000
000010000000040000001f00000000000001000000000000014000000040000001f8000000000000040000000
00000001c000000040000001f00000000000001000000000000020000000040000001f8000000000000040000000
000000028000000040000001f0000000000000100000000000002c000000040000001f800000000000004000
00000000034000000040000001f0000000000000100000000000038000000040000001f800000000000004
000000000000040000000040000001f000000$
|| || "device_type" = <6163696f00>
|| || "compatible" = <6163696f00>
|| || "revision" = <00000000>
|| || "port-type" = <02000000>
|| || "function-pcie_port_control" = <5c000000437472505d000000>
|| || "fw_int_ctl_management_tunables" =
<00000000040000000f000001000000000200001000000000400000004000000f000010000000002000010000000
000080000000040000000f00001000000000200001000000000c000000040000000f000010000000002000010000>
```

```
0000010000000040000000f000010000000002000010000000014000000040000000f00001000000000020000100
00000018000000040000000f00001000000000200001000000001c0000004000000f00001000000000200001
00000000020000000040000000f0000100000000020000100000000024000000040000000f000010000000000200
001000000000280000000040000000$
  || || "gpio-1stx" = <2900000000010000414f5000>
  || || "rid" = <01000000>
  || || "vid-did" = <ac050020>
  || || "reg" =
<0000f0010500000000010000000000000db01050000000400030000000000000ac01050000000040000000000
0000040ac0105000000004000000000000080ac0105000000004000000000000040e401050000000040000000
000000>
  || || "hi_up_merge_fabric_tunables" =
<0400000004000000f000000000000001000000000000008000000040000001f800000000000004000000000
000010000000040000003f00000000000003000000000000014000000040000001f80000000000000040000000
00000001c000000040000001f000000000000001000000000000020000000040000001f800000000000000400000
00000000028000000040000007f0000000000000600000000000002c000000040000001f800000000000000400
0000000000340000000400000078000000000000010000000000000>
  || || "hi_up_rx_desc_fabric_tunables" =
<0400000004000000f0000000000000080000000000008000000040000001f800000000000004000000000
000010000000040000000f000000000000080000000000014000000040000001f80000000000000040000000
00000001c00000004000000f00000000000080000000000020000000040000001f80000000000000040000
0000000002800000004000000f0000000000008000000000002c000000040000001f800000000000000400
000000000003400000004000000f00000000000080000000000038000000040000001f800000000000000
040000000000004000000004000000f$
  || || "port-number" = <02000000>
  || || "thunderbolt-drom" =
<b50197187586600100533bb8e9013d0001000f0001000881810281000000882910181000000383200284058509010
0058609010002870d014170706c6520496e632e000602694f53000000>
  || || "pcie_adapter_regs_tunables" = <0810000004000000600000000000000060000000000000>
  || || "IOInterruptSpecifiers" =
(<6b030000>,<6c030000>,<6d030000>,<6e030000>,<6f030000>,<70030000>,<71030000>,<72030000>,<73030000
>,<74030000>,<75030000>,<76030000>,<77030000>,<78030000>,<79030000>,<7a030000>,<7b030000>,<7c030000
>,<7d030000>,<7e030000>,<7f030000>,<80030000>,<81030000>,<82030000>,<83030000>,<84030000>,<85030000
>,<86030000>,<87030000>,<88030000>,<89030000>,<8a030000>)
  || || "acio-cpu" = <65000000>
  || || }
  || || }
  || |+-o AppleThunderboltHALType5 <class AppleThunderboltHALType5, id 0x100000287, !registered, !matched,
active, busy 0 (104 ms), retain 10>
  || || |{
  || || | "IOClass" = "AppleThunderboltHALType5"
  || || | "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltNHI"
  || || | "IOProviderClass" = "AppleARMIODevice"
  || || | "IOPlatformWakeAction" = 0x30d40
  || || | "IOPCICompatible" = Yes
  || || | "IOPlatformSleepAction" = 0x30d40
  || || | "IOProbeScore" = 0x0
  || || | "IONameMatch" = "acio"
  || || | "IOMatchedAtBoot" = Yes
  || || | "IOMatchCategory" = "IODefaultMatchCategory"
  || || | "IOPowerManagement" =
{"ChildrenPowerState"=0x3,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x3,"PowerOverrideOn"=Yes}
  || || | "Statistics" = {"Total Rx Packets"="0","Total Tx Packets"="0"}
  || || | "IONameMatched" = "acio"
  || || | "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltNHI"
  || || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltNHI"
  || || | "Hardware Owner" = "AppleThunderboltNHIType5"
  || || | }
  || || | }
  || || |+-o AppleThunderboltNHIType5 <class AppleThunderboltNHIType5, id 0x100000635, registered, matched, active,
busy 0 (104 ms), retain 13>
  || || |{
  || || | }
  || || | }
  || || |+-o IOThunderboltControllerType5 <class IOThunderboltControllerType5, id 0x100000640, registered, matched,
active, busy 0 (104 ms), retain 15>
  || || |{
  || || | "User Client Version" = 0x5
  || || | "Generation" = 0x1
  || || | "IOCFPluginTypes" = {"3A0F596B-5D02-41D3-99D4-E27D4F218A54"="IOThunderboltFamily.kext/Contents/
Plugins/IOThunderboltLib.plugin"}
  || || | "JTAG Device Count" = 0x0
  || || | "IOUserClientClass" = "IOThunderboltFamilyUserClient"
  || || | "IOPowerManagement" =
{"DesiredPowerState"=0x2,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x2,"DriverPowerState"=0x
2}
  || || | "Using Bus Power" = No
  || || | "TMU Mode" = 0x3
  || || | }
  || || | }
  || || |+-o IOThunderboltLocalNode <class IOThunderboltLocalNode, id 0x100000644, registered, matched, active,
busy 0 (102 ms), retain 7>
  || || |{
  || || | "XDP" =
<0144585518000000646e65766469726f01000076270a0000646e65766469726f030000741a00000069766564646965
63010000760a0000006976656464696563040000741d000000697665647672656301000076000100806878616d6469
706f010000760f0000006c7070416e49206500002e634263614d506b6f6f37316f720000312c000000000000000000
000000000000>
  || || | "Domain UUID" = "C594B639-A814-4FFA-81F0-8421375351B4"
  || || | }
  || || | }
  || || |+-o AppleThunderboltIPService <class AppleThunderboltIPService, id 0x10000066c, registered, matched,
active, busy 0 (0 ms), retain 7>
  || || |{
  || || | "IOProbeScore" = 0x1000
  || || | "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltIP"
  || || | "IOMatchCategory" = "AppleThunderboltIPService"
  || || | "IOClass" = "AppleThunderboltIPService"
  || || | "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltIP"
  || || | "IOProviderClass" = "IOThunderboltLocalNode"
  || || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltIP"
  || || | "IOMatchedAtBoot" = Yes
  || || | "Protocol Settings" = 0x3
  || || | "IOResourceMatch" = "IOKit"
  || || | }
  || || | }
  || || |+-o AppleThunderboltIPPort <class AppleThunderboltIPPort, id 0x100000705, registered, matched, active,
busy 0 (0 ms), retain 7>
```



```

|| || | "Depth" = 0x0
|| || | }
|| || |
|| || | +-o IOThunderboltPort@1 <class IOThunderboltPort, id 0x100000656, registered, matched, active, busy 0 (1
ms), retain 7>
|| || | {
|| || | | "Max In Hop ID" = 0x16
|| || | | "Supported Link Width" = 0x2
|| || | | "Max Credits" = 0xae
|| || | | "Target Link Width" = 0x1
|| || | | "Current Link Width" = 0x1
|| || | | "Required Bandwidth Allocated" = 0x0
|| || | | "Lane" = 0x1
|| || | | "Socket ID" = "2"
|| || | | "Max Out Hop ID" = 0x16
|| || | | "Revision ID" = 0x0
|| || | | "Maximum Bandwidth Allocated" = 0x0
|| || | | "Port Number" = 0x1
|| || | | "Target Link Speed" = 0xc
|| || | | "Thunderbolt Version" = 0x20
|| || | | "Link Bandwidth" = 0x64
|| || | | "Dual-Link Port" = 0x2
|| || | | "Supported Link Speed" = 0xc
|| || | | "Description" = "Thunderbolt Port"
|| || | | "Dual-Link Port RID" = 0x1
|| || | | "Adapter Type" = 0x1
|| || | | "Hop Table" = ()
|| || | | "Vendor ID" = 0x5ac
|| || | | "Device ID" = 0x2000
|| || | | "Current Link Speed" = 0x8
|| || | | }
|| || | |
|| || | | +-o IOThunderboltPort@2 <class IOThunderboltPort, id 0x100000657, registered, matched, active, busy 0 (1
ms), retain 6>
|| || | | {
|| || | | | "Max In Hop ID" = 0x16
|| || | | | "Supported Link Width" = 0x2
|| || | | | "Max Credits" = 0xae
|| || | | | "Target Link Width" = 0x1
|| || | | | "Current Link Width" = 0x1
|| || | | | "Required Bandwidth Allocated" = 0x0
|| || | | | "Lane" = 0x2
|| || | | | "Socket ID" = "2"
|| || | | | "Max Out Hop ID" = 0x16
|| || | | | "Revision ID" = 0x0
|| || | | | "Maximum Bandwidth Allocated" = 0x0
|| || | | | "Port Number" = 0x2
|| || | | | "Target Link Speed" = 0xc
|| || | | | "Thunderbolt Version" = 0x20
|| || | | | "Link Bandwidth" = 0x64
|| || | | | "Dual-Link Port" = 0x1
|| || | | | "Supported Link Speed" = 0xc
|| || | | | "Description" = "Thunderbolt Port"
|| || | | | "Dual-Link Port RID" = 0x1
|| || | | | "Adapter Type" = 0x1
|| || | | | "Hop Table" = ()
|| || | | | "Vendor ID" = 0x5ac
|| || | | | "Device ID" = 0x2000
|| || | | | "Current Link Speed" = 0x8
|| || | | | }
|| || | | |
|| || | | | +-o IOThunderboltPort@3 <class IOThunderboltPort, id 0x100000658, registered, matched, active, busy 0 (2
ms), retain 8>
|| || | | | {
|| || | | | | "Max Credits" = 0xae
|| || | | | | "Description" = "PCIe Adapter"
|| || | | | | "Port Affinity" = (0x1)
|| || | | | | "Port Number" = 0x3
|| || | | | | "Max In Hop ID" = 0x8
|| || | | | | "Hop Table" = ()
|| || | | | | "Thunderbolt Version" = 0x20
|| || | | | | "Maximum Bandwidth Allocated" = 0x0
|| || | | | | "Required Bandwidth Allocated" = 0x0
|| || | | | | "Device ID" = 0x2000
|| || | | | | "Revision ID" = 0x0
|| || | | | | "Max Out Hop ID" = 0x8
|| || | | | | "PCI Path" = "IOService:/AppleARMPE/arm-io@10F00000/AppleT810xIO/apciec1@30000000/
AppleT8103PCleC/pcic1-bridge@0"
|| || | | | | "PCI Entry ID" = 0x10000064e
|| || | | | | "Vendor ID" = 0x5ac
|| || | | | | "Adapter Type" = 0x100101
|| || | | | | }
|| || | | | |
|| || | | | | +-o AppleThunderboltPCIDownAdapterType5 <class AppleThunderboltPCIDownAdapterType5, id
0x100000669, registered, matched, active, busy 0 (0 ms), retain 5>
|| || | | | | {
|| || | | | | | "IOProbeScore" = 0x2000
|| || | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltPCIDownAdapter"
|| || | | | | | "IOProviderClass" = "IOThunderboltPort"
|| || | | | | | "IOClass" = "AppleThunderboltPCIDownAdapterType5"
|| || | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltPCIDownAdapter"
|| || | | | | | "Adapter Type" = 0x100101
|| || | | | | | "Device ID" = "0x00002000&0x0000ff00"
|| || | | | | | "Vendor ID" = 0x5ac
|| || | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltPCIDownAdapter"
|| || | | | | | "IOMatchedAtBoot" = Yes
|| || | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| || | | | | | }
|| || | | | | |
|| || | | | | | +-o IOThunderboltPort@4 <class IOThunderboltPort, id 0x100000659, registered, matched, active, busy 0 (2
ms), retain 8>
|| || | | | | | {
|| || | | | | | | "Max Credits" = 0xae
|| || | | | | | | "Description" = "USB Adapter"
|| || | | | | | | "Port Affinity" = (0x1)
|| || | | | | | | "Port Number" = 0x4
|| || | | | | | | "Max In Hop ID" = 0x8
|| || | | | | | | "Hop Table" = ()

```



```

|| || || "Thunderbolt Version" = 0x20
|| || || "Maximum Bandwidth Allocated" = 0x0
|| || || "Required Bandwidth Allocated" = 0x0
|| || || "Device ID" = 0x2000
|| || || "Revision ID" = 0x0
|| || || "Max Out Hop ID" = 0x8
|| || || "Vendor ID" = 0x5ac
|| || || "Adapter Type" = 0x200101
|| || || }
|| || || }
|| || || +-o AppleThunderboltUSBDownAdapter <class AppleThunderboltUSBDownAdapter, id 0x100000663,
registered, matched, active, busy 0 (0 ms), retain 5>
|| || || {
|| || || | "IOProbeScore" = 0x1000
|| || || | "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltUSBDownAdapter"
|| || || | "IOProviderClass" = "IOThunderboltPort"
|| || || | "IOClass" = "AppleThunderboltUSBDownAdapter"
|| || || | "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltUSBDownAdapter"
|| || || | "Adapter Type" = 0x200101
|| || || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltUSBDownAdapter"
|| || || | "IOMatchedAtBoot" = Yes
|| || || | "IOMatchCategory" = "IODefaultMatchCategory"
|| || || | }
|| || || }
|| || || +-o IOThunderboltPort@5 <class IOThunderboltPort, id 0x10000065a, registered, matched, active, busy 0 (1
ms), retain 9>
|| || || {
|| || || | "Max Credits" = 0xae
|| || || | "Description" = "DP or HDMI Adapter"
|| || || | "Port Number" = 0x5
|| || || | "Max In Hop ID" = 0x9
|| || || | "Hop Table" = ()
|| || || | "Thunderbolt Version" = 0x20
|| || || | "Maximum Bandwidth Allocated" = 0x0
|| || || | "Required Bandwidth Allocated" = 0x0
|| || || | "Device ID" = 0x2000
|| || || | "Revision ID" = 0x0
|| || || | "Max Out Hop ID" = 0x9
|| || || | "Vendor ID" = 0x5ac
|| || || | "Adapter Type" = 0xe0101
|| || || | }
|| || || }
|| || || +-o AppleThunderboltDPInAdapter <class AppleThunderboltDPInAdapter, id 0x100000664, registered,
matched, active, busy 0 (0 ms), retain 6>
|| || || {
|| || || | "IOProbeScore" = 0x2000
|| || || | "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| || || | "IOProviderClass" = "IOThunderboltPort"
|| || || | "IOClass" = "AppleThunderboltDPInAdapter"
|| || || | "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| || || | "Adapter Type" = 0xe0101
|| || || | "Device ID" = "0x00002000&0x0000ff00"
|| || || | "Vendor ID" = 0x5ac
|| || || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| || || | "IOMatchedAtBoot" = Yes
|| || || | "IOMatchCategory" = "IODefaultMatchCategory"
|| || || | }
|| || || }
|| || || +-o IOThunderboltPort@6 <class IOThunderboltPort, id 0x100000661, registered, matched, active, busy 0 (1
ms), retain 9>
|| || || {
|| || || | "Max Credits" = 0xae
|| || || | "Description" = "DP or HDMI Adapter"
|| || || | "Port Number" = 0x6
|| || || | "Max In Hop ID" = 0x9
|| || || | "Hop Table" = ()
|| || || | "Thunderbolt Version" = 0x20
|| || || | "Maximum Bandwidth Allocated" = 0x0
|| || || | "Required Bandwidth Allocated" = 0x0
|| || || | "Device ID" = 0x2000
|| || || | "Revision ID" = 0x0
|| || || | "Max Out Hop ID" = 0x9
|| || || | "Vendor ID" = 0x5ac
|| || || | "Adapter Type" = 0xe0101
|| || || | }
|| || || }
|| || || +-o AppleThunderboltDPInAdapter <class AppleThunderboltDPInAdapter, id 0x100000666, registered,
matched, active, busy 0 (0 ms), retain 6>
|| || || {
|| || || | "IOProbeScore" = 0x2000
|| || || | "CFBundleIdentifier" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| || || | "IOProviderClass" = "IOThunderboltPort"
|| || || | "IOClass" = "AppleThunderboltDPInAdapter"
|| || || | "IOPersonalityPublisher" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| || || | "Adapter Type" = 0xe0101
|| || || | "Device ID" = "0x00002000&0x0000ff00"
|| || || | "Vendor ID" = 0x5ac
|| || || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleThunderboltDPInAdapter"
|| || || | "IOMatchedAtBoot" = Yes
|| || || | "IOMatchCategory" = "IODefaultMatchCategory"
|| || || | }
|| || || }
|| || || +-o IOTBTTunnelClientInterfaceManager <class IOTBTTunnelClientInterfaceManager, id 0x100000641, registered,
matched, active, busy 0 (0 ms), retain 8>
|| || || {
|| || || | }
|| || || }
|| || || +-o dart-acio1@1A80000 <class AppleARMIODevice, id 0x100000161, registered, matched, active, busy 0 (292 ms),
retain 9>
|| || || {
|| || || | "IOInterruptSpecifiers" = (<7a030000>)
|| || || | "AAPL,phandle" = <62000000>
|| || || | "bypass" = <00800000>
|| || || | "instance" = <5452414444441525400000000>
|| || || | "IODeviceMemory" = (({"address"=0x501a80000,"length"=0x4000}))
|| || || | "IOReportLegendPublic" = Yes
|| || || | "tlb-invalid-refetch" = <>
|| || || | "dart-options" = <07000000>

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    || || "IOInterruptControllers" = ("IOInterruptController00000070")
    || || "name" = <646172742d616369663100>
    || || "interrupt-parent" = <70000000>
    || || "compatible" = <646172742c743830323000>
    || || "interrupts" = <7a030000>
    || || "page-size" = <00400000>
    || || "diag-config" = <00210080>
    || || "manual-availability" = <01000000>
    || || "dart-tunables-instance-0" =
<60000000040000000061008000000000610080000000006800000004000000f0f0f0000000000f0f0f000000000
006c00000004000000ffff0000000000080808000000000800100000400000000fff0f00000000001000000000000
00840100000400000000fff0f0000000000102000000000880100000400000000fff0f0000000000010400000000
008c0100000400000000fff0f0000000000206000000000900100000400000000fff0f000000000020a00000000
00940100000400000000fff0f000000000020e000000000980100000400000000fff0f0000000000021200000000
009c0100000400000000fff0f0$
    || || "error-reflector" = <00c0ff3c02000000>
    || || "device_type" = <6461727400>
    || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
    || || "reg" = <0000a801050000000040000000000000>
    || || "sids" = <03800000>
    || || }
    || || }
    || || }
    || || +-o AppleT8020DART <class AppleT8020DART, id 0x10000288, registered, matched, active, busy 0 (48 ms),
retain 8>
    || || |{
    || || | "IOClass" = "AppleT8020DART"
    || || | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
    || || | "IOProviderClass" = "AppleARMIODevice"
    || || | "IOPlatformActiveAction" = 0x13880
    || || | "IOUserClientClass" = "IODARTClient"
    || || | "IOPlatformSleepAction" = 0x13880
    || || | "IOProbeScore" = 0x0
    || || | "IONameMatch" = "dart,t8020"
    || || | "IOMatchedAtBoot" = Yes
    || || | "IOMatchCategory" = "IODefaultMatchCategory"
    || || | "IOFunctionParent00000062" = <>
    || || | "IONameMatched" = "dart,t8020"
    || || | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
    || || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
    || || | "iommu-dart-identity" = <62000000>
    || || | }
    || || | }
    || || +-o mapper-acio1@1 <class IODARTMapperNub, id 0x100000162, registered, matched, active, busy 0 (39 ms),
retain 8>
    || || |{
    || || | "device_type" = <646172742d6d617070657200>
    || || | "reg" = <01000000>
    || || | "name" = <6d61707065722d616369663100>
    || || | "AAPL,phandle" = <63000000>
    || || | "compatible" = <696f6d6d752d6d617070657200>
    || || | }
    || || | }
    || || +-o IODARTMapper <class IODARTMapper, id 0x100000351, registered, matched, active, busy 0 (27 ms), retain
6>
    || || |{
    || || | "IOClass" = "IODARTMapper"
    || || | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
    || || | "IOProviderClass" = "IODARTMapperNub"
    || || | "iommu-dart-translation" = Yes
    || || | "IOUserClientClass" = "IODARTMapperClient"
    || || | "IOProbeScore" = 0x0
    || || | "IONameMatch" = "iommu-mapper"
    || || | "IOMatchedAtBoot" = Yes
    || || | "IOMatchCategory" = "IODefaultMatchCategory"
    || || | "IONameMatched" = "iommu-mapper"
    || || | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
    || || | "IOMapperID" = <63000000>
    || || | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
    || || | }
    || || | }
    || || +-o acio-cpu1@1100000 <class AppleARMIODevice, id 0x100000163, registered, matched, active, busy 0 (292 ms),
retain 9>
    || || |{
    || || | "compatible" = <696f702c6d3377261702d76322d6163696600>
    || || | "interrupt-parent" = <70000000>
    || || | "AAPL,phandle" = <64000000>
    || || | "interrupts" = <7d0300007c0300007f0300007e030000>
    || || | "clock-gates" = <52010000>
    || || | "reg" =
<00001001050000004401000000000000a0100105000000440100000000000000ac01050000000040000000000
000>
    || || | "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControll
e
r00000070")
    || || | "device_type" = <61636966f2d63707500>
    || || | "IOInterruptSpecifiers" = (<7d030000>,<7c030000>,<7f030000>,<7e030000>)
    || || | "IODeviceMemory" = (({"address"=0x50110000,"length"=0x144}),({"address"=0x50110a000,"length"=0x144}),
({"address"=0x501ac0000,"length"=0x4000}))
    || || | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200020003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
    || || | "IOReportLegendPublic" = Yes
    || || | "role" = <4143494f3100>
    || || | "name" = <61636966f2d6370753100>
    || || | }
    || || | }
    || || +-o AppleM3WrapV2ACIO <class AppleM3WrapV2ACIO, id 0x10000289, !registered, !matched, active, busy 0 (48
ms), retain 5>
    || || |{
    || || | "IOProbeScore" = 0x0

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|| | +-o AppleT8103ATCDPXBAR(atc0-dpxbar) <class AppleT8103ATCDPXBAR, id 0x10000028b, registered, matched,
active, busy 0 (8 ms), retain 8>
|| | {
|| |   "IOProbeScore" = 0x0
|| |   "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "IOProviderClass" = "AppleARMIODevice"
|| |   "IOClass" = "AppleT8103ATCDPXBAR"
|| |   "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "IOMatchedAtBoot" = Yes
|| |   "IONameMatch" = ("atc-dpxbar,t8103")
|| |   "tunables" = 0x0
|| |   "IONameMatched" = "atc-dpxbar,t8103"
|| |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | }
|| |
|| | +-o atc0-dpphy <class AppleARMIODevice, id 0x100000167, registered, matched, active, busy 0 (375 ms), retain 8>
|| | {
|| |   "compatible" = <6174632d64707068792c743831303300>
|| |   "dp-switch-dfp-endpoint" = <00000000>
|| |   "function-dock_parent" = <1d01000050636361>
|| |   "dp-switch-dfp-port" = <00000000>
|| |   "transport-tunneled" = <00000000>
|| |   "AAPL,phandle" = <68000000>
|| |   "device_type" = <4141504c2c6174632d647070687900>
|| |   "transport-type" = <05000000>
|| |   "atc-phy" = <b3000000>
|| |   "port-type" = <02000000>
|| |   "dp-switch-parent" = <66000000>
|| |   "port-number" = <01000000>
|| |   "dpxbar-parent" = <67000000>
|| |   "name" = <617463302d647070687900>
|| | }
|| |
|| | +-o AppleATCDPAItModePort(atc0-dpphy) <class AppleATCDPAItModePort, id 0x10000028c, registered, matched,
active, busy 0 (0 ms), retain 9>
|| | {
|| |   "IOPropertyMatch" = {"port-type"=<02000000>}
|| |   "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "IOProviderClass" = "AppleARMIODevice"
|| |   "IOClass" = "AppleATCDPAItModePort"
|| |   "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "IOProbeScore" = 0x0
|| |   "IONameMatch" = "AAPL,atc-dpphy"
|| |   "IOMatchedAtBoot" = Yes
|| |   "IONameMatched" = "AAPL,atc-dpphy"
|| |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | }
|| |
|| | +-o atc0-dpin0@81E50000 <class AppleARMIODevice, id 0x100000168, registered, matched, active, busy 0 (385
ms), retain 8>
|| | {
|| |   "IOInterruptSpecifiers" = (<27030000>)
|| |   "dp-switch-dfp-port" = <01000000>
|| |   "transport-index" = <00000000>
|| |   "AAPL,phandle" = <69000000>
|| |   "IODeviceMemory" = ({"address"=0x381e5000,"length"=0x4000})
|| |   "transport-tunneled" = <01000000>
|| |   "dpxbar-parent" = <67000000>
|| |   "dp-switch-parent" = <66000000>
|| |   "IOReportLegendPublic" = Yes
|| |   "dp-switch-dfp-endpoint" = <00000000>
|| |   "acio-parent" = <57000000>
|| |   "IOInterruptControllers" = ("IOInterruptController00000070")
|| |   "name" = <617463302d6470696e3000>
|| |   "interrupt-parent" = <70000000>
|| |   "atc-phy" = <b3000000>
|| |   "port-type" = <02000000>
|| |   "compatible" = <6174632d6470696e2c743831303300>
|| |   "interrupts" = <27030000>
|| |   "port-number" = <01000000>
|| |   "transport-type" = <05000000>
|| |   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(("0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
("0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
("0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)'),
("0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)'),
("0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)'),"),"IORepo$
|| |   "device_type" = <4141504c2c6174632d6470696e00>
|| |   "reg" = <0000e581030000000040000000000000>
|| | }
|| |
|| | +-o AppleATCDPINAdapterPort(atc0-dpin0) <class AppleATCDPINAdapterPort, id 0x10000028d, registered,
matched, active, busy 0 (6 ms), retain 8>
|| | {
|| |   "IOProbeScore" = 0x0
|| |   "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "IOProviderClass" = "AppleARMIODevice"
|| |   "IOClass" = "AppleATCDPINAdapterPort"
|| |   "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "IOMatchedAtBoot" = Yes
|| |   "IONameMatch" = "AAPL,atc-dpin"
|| |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |   "IONameMatched" = "AAPL,atc-dpin"
|| | }
|| |
|| | +-o atc0-dpin1@81E58000 <class AppleARMIODevice, id 0x100000169, registered, matched, active, busy 0 (388
ms), retain 8>
|| | {
|| |   "IOInterruptSpecifiers" = (<28030000>)
|| |   "dp-switch-dfp-port" = <02000000>
|| |   "transport-index" = <01000000>
|| |   "AAPL,phandle" = <6a000000>
|| |   "IODeviceMemory" = ({"address"=0x381e58000,"length"=0x4000})
|| |   "transport-tunneled" = <01000000>
|| |   "dpxbar-parent" = <67000000>

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|| || "dp-switch-parent" = <66000000>
|| || "IOReportLegendPublic" = Yes
|| || "dp-switch-dfp-endpoint" = <00000000>
|| || "acio-parent" = <57000000>
|| || "IOInterruptControllers" = ("IOInterruptController00000070")
|| || "name" = <617463302d6470696e3100>
|| || "interrupt-parent" = <70000000>
|| || "atc-phy" = <b3000000>
|| || "port-type" = <02000000>
|| || "compatible" = <6174632d6470696e2c743831303300>
|| || "interrupts" = <28030000>
|| || "port-number" = <01000000>
|| || "transport-type" = <05000000>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
|| || "device_type" = <4141504c2c6174632d6470696e00>
|| || "reg" = <0080e581030000000040000000000000>
|| || }
|| || }
|| | +-o AppleATCDPINAdapterPort(atc0-dpin1) <class AppleATCDPINAdapterPort, id 0x10000028e, registered,
matched, active, busy 0 (6 ms), retain 8>
|| | {
|| |   "IOProbeScore" = 0x0
|| |   "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "IOProviderClass" = "AppleARMIODevice"
|| |   "IOClass" = "AppleATCDPINAdapterPort"
|| |   "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "IOMatchedAtBoot" = Yes
|| |   "IONameMatch" = "AAPL,atc-dpin"
|| |   "IOMatchCategory" = "IODefaultMatchCategory"
|| |   "IONameMatched" = "AAPL,atc-dpin"
|| | }
|| | }
|| | +-o atc1-dpxbar@304C000 <class AppleARMIODevice, id 0x10000016a, registered, matched, active, busy 0 (60
ms), retain 8>
|| | {
|| |   "device_type" = <4141504c2c6174632d64707862617200>
|| |   "reg" = <0c004030500000000400000000000000>
|| |   "IODeviceMemory" = ({("address"=0x50304c000,"length"=0x4000)})
|| |   "name" = <617463312d64707862617200>
|| |   "AAPL,phandle" = <6b000000>
|| |   "compatible" = <6174632d6470786261722c743831303300>
|| | }
|| | }
|| | +-o AppleT8103ATCDPXBAR(atc1-dpxbar) <class AppleT8103ATCDPXBAR, id 0x10000028f, registered, matched,
active, busy 0 (6 ms), retain 8>
|| | {
|| |   "IOProbeScore" = 0x0
|| |   "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "IOProviderClass" = "AppleARMIODevice"
|| |   "IOClass" = "AppleT8103ATCDPXBAR"
|| |   "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "IOMatchedAtBoot" = Yes
|| |   "IONameMatch" = ("atc-dpxbar,t8103")
|| |   "tunables" = 0x0
|| |   "IONameMatched" = "atc-dpxbar,t8103"
|| |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | }
|| | }
|| | +-o atc1-dpphy <class AppleARMIODevice, id 0x10000016b, registered, matched, active, busy 0 (406 ms), retain
8>
|| | {
|| |   "compatible" = <6174632d64707068792c743831303300>
|| |   "dp-switch-dfp-endpoint" = <01000000>
|| |   "function-dock_parent" = <1e01000050636361>
|| |   "dp-switch-dfp-port" = <00000000>
|| |   "transport-tunneled" = <00000000>
|| |   "AAPL,phandle" = <6c000000>
|| |   "device_type" = <4141504c2c6174632d647070687900>
|| |   "transport-type" = <05000000>
|| |   "atc-phy" = <b9000000>
|| |   "port-type" = <02000000>
|| |   "dp-switch-parent" = <66000000>
|| |   "port-number" = <02000000>
|| |   "dpxbar-parent" = <6b000000>
|| |   "name" = <617463312d647070687900>
|| | }
|| | }
|| | +-o AppleATCDPAltModePort(atc1-dpphy) <class AppleATCDPAltModePort, id 0x100000290, registered, matched,
active, busy 0 (0 ms), retain 8>
|| | {
|| |   "IOPropertyMatch" = {"port-type"=<02000000>}
|| |   "CFBundleIdentifier" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "IOProviderClass" = "AppleARMIODevice"
|| |   "IOClass" = "AppleATCDPAltModePort"
|| |   "IOPersonalityPublisher" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleDisplayCrossbar"
|| |   "IOProbeScore" = 0x0
|| |   "IONameMatch" = "AAPL,atc-dpphy"
|| |   "IOMatchedAtBoot" = Yes
|| |   "IONameMatched" = "AAPL,atc-dpphy"
|| |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | }
|| | }
|| | +-o atc1-dpin0@1E50000 <class AppleARMIODevice, id 0x10000016c, registered, matched, active, busy 0 (413
ms), retain 8>
|| | {
|| |   "IOInterruptSpecifiers" = (<77030000>)
|| |   "dp-switch-dfp-port" = <01000000>
|| |   "transport-index" = <00000000>
|| |   "AAPL,phandle" = <6d000000>
|| |   "IODeviceMemory" = ({("address"=0x501e50000,"length"=0x4000)})

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|| | }
|| |
|| | +-o dwi@3B200000 <class AppleARMIODevice, id 0x100000173, registered, matched, active, busy 0 (169 ms),
retain 8>
|| | {
|| | "dwi-version" = <01000000>
|| | "lockout-us" = <05000000>
|| | "compatible" = <6477692c74383130333006477692c733830303000>
|| | "interrupt-parent" = <70000000>
|| | "interrupts" = <04000000>
|| | "clock-gates" = <0b000000>
|| | "reg" = <0000203b000000000040000000000000>
|| | "AAPL,phandle" = <74000000>
|| | "str-delay" = <401f0000>
|| | "polarity-config" = <01000000>
|| | "device_type" = <64776900>
|| | "IOInterruptControllers" = ("IOInterruptController00000070")
|| | "IOInterruptSpecifiers" = (<04000000>)
|| | "IODeviceMemory" = (({"address"=0x23b20000,"length"=0x4000}))
|| | "nclk-div" = <01000000>
|| | "name" = <64776900>
|| | }
|| |
|| | +-o AppleS8000DWI <class AppleS8000DWI, id 0x1000002a7, registered, matched, active, busy 0 (0 ms), retain
5>
|| | {
|| | "IOClass" = "AppleS8000DWI"
|| | "CFBundleIdentifier" = "com.apple.driver.AppleS8000DWI"
|| | "IOProviderClass" = "AppleARMIODevice"
|| | "IOPlatformActiveAction" = 0x13880
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "dwi,s8000"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "dwi,s8000"
|| | "IOPersonalityPublisher" = "com.apple.driver.AppleS8000DWI"
|| | "IOFunctionParent00000074" = <>
|| | "CFBundleIdentifierKernel" = "com.apple.driver.AppleS8000DWI"
|| | }
|| |
|| | +-o pwm@35040000 <class AppleARMIODevice, id 0x100000174, registered, matched, active, busy 0 (85 ms),
retain 8>
|| | {
|| | "interrupt-parent" = <70000000>
|| | "compatible" = <70776d2c74383130310070776d2c73356c383932307800>
|| | "reg" = <00000435000000000040000000000000>
|| | "interrupts" = <78020000>
|| | "IODeviceMemory" = (({"address"=0x23504000,"length"=0x4000}))
|| | "clock-gates" = <24000000>
|| | "IOInterruptControllers" = ("IOInterruptController00000070")
|| | "IOInterruptSpecifiers" = (<78020000>)
|| | "device_type" = <70776d00>
|| | "AAPL,phandle" = <75000000>
|| | "name" = <70776d00>
|| | }
|| |
|| | +-o AppleS5L8920XPWM <class AppleS5L8920XPWM, id 0x1000002a8, registered, matched, active, busy 0 (73
ms), retain 5>
|| | {
|| | "IOProbeScore" = 0x0
|| | "CFBundleIdentifier" = "com.apple.driver.AppleS5L8920XPWM"
|| | "IOProviderClass" = "AppleARMIODevice"
|| | "IOClass" = "AppleS5L8920XPWM"
|| | "IOPersonalityPublisher" = "com.apple.driver.AppleS5L8920XPWM"
|| | "CFBundleIdentifierKernel" = "com.apple.driver.AppleS5L8920XPWM"
|| | "IOMatchedAtBoot" = Yes
|| | "IONameMatch" = "pwm,s5l8920x"
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "pwm,s5l8920x"
|| | "IOFunctionParent00000075" = <>
|| | }
|| |
|| | +-o aes@3500C000 <class AppleARMIODevice, id 0x100000175, registered, matched, active, busy 0 (494 ms),
retain 8>
|| | {
|| | "compatible" = <6165732c733830303000>
|| | "iommu-parent" = <9d000000>
|| | "interrupt-parent" = <70000000>
|| | "reg" = <00c000350000000000400000000000002d3d000000000040000000000000>
|| | "interrupts" = <71020000>
|| | "AAPL,phandle" = <76000000>
|| | "clock-gates" = <30000000>
|| | "IOInterruptControllers" = ("IOInterruptController00000070")
|| | "device_type" = <61657300>
|| | "IOInterruptSpecifiers" = (<71020000>)
|| | "IODeviceMemory" = (({"address"=0x23500c00,"length"=0x4000}),
({"address"=0x23d2d000,"length"=0x4000}))
|| | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
|| | "IOReportLegendPublic" = Yes
|| | "aes-version" = <03000000>
|| | "name" = <61657300>
|| | }
|| |
|| | +-o AppleS8000AESAccelerator <class AppleS8000AESAccelerator, id 0x1000002a9, registered, matched, active,
busy 0 (0 ms), retain 9>
|| | {
|| | "IOClass" = "AppleS8000AESAccelerator"
|| | "CFBundleIdentifier" = "com.apple.driver.AppleS8000AES"
|| | "IOProviderClass" = "AppleARMIODevice"
|| | "IOUserClientClass" = "IOAESAcceleratorUserClient"
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "aes,s8000"
|| | "IOMatchedAtBoot" = Yes

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    | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | "IONameMatched" = "aes,s8000"
    | | | "IOPersonalityPublisher" = "com.apple.driver.AppleS8000AES"
    | | | "CrashReporter-ID" = <5cc4c2cd05078ebce14e996ee74f65f8d14f9f10>
    | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleS8000AES"
    | | | }
    | | | }
    | | | +-o gpio@3C100000 <class AppleARMIODevice, id 0x100000176, registered, matched, active, busy 0 (221 ms),
retain 8>
    | | | {
    | | | | | "#interrupt-cells" = <02000000>
    | | | | | "interrupt-controller" = <>
    | | | | | "compatible" = <6770696f2c743831303100>
    | | | | | "interrupt-parent" = <70000000>
    | | | | | "interrupts" = <be000000bf000000c000000c100000c200000c300000c400000>
    | | | | | "#gpio-int-groups" = <07000000>
    | | | | | "reg" = <0000103c0000000000010000000000>
    | | | | | "#gpio-pins" = <d4000000>
    | | | | | "AAPL,phandle" = <77000000>
    | | | | | "device_type" = <696e746572727570742d636f6e74726f6c6c657200>
    | | | | | "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControll
r00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070")
    | | | | | "IOInterruptSpecifiers" =
(<be000000>,<bf000000>,<c0000000>,<c1000000>,<c2000000>,<c3000000>,<c4000000>)
    | | | | | "IODeviceMemory" = ({"address"=0x23c10000,"length"=0x100000})
    | | | | | "#address-cells" = <00000000>
    | | | | | "InterruptControllerName" = "IOInterruptController00000077"
    | | | | | "role" = <415000>
    | | | | | "name" = <6770696f00>
    | | | | | }
    | | | | | }
    | | | | | +-o AppleT8101GPIOIC <class AppleT8101GPIOIC, id 0x1000002aa, registered, matched, active, busy 0 (0 ms),
retain 22>
    | | | | | {
    | | | | | | | "IOClass" = "AppleT8101GPIOIC"
    | | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleGPIOICController"
    | | | | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | | | | "IOPlatformActiveAction" = 0x1388
    | | | | | | | "IOPlatformWakeAction" = 0x1f4
    | | | | | | | "IOPlatformQuiesceAction" = 0x3e8
    | | | | | | | "IOProbeScore" = 0x0
    | | | | | | | "IONameMatch" = "gpio,t8101"
    | | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | | "IOFunctionParent00000077" = <>
    | | | | | | | "IONameMatched" = "gpio,t8101"
    | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleGPIOICController"
    | | | | | | | "InterruptControllerName" = "IOInterruptController00000077"
    | | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleGPIOICController"
    | | | | | | | "role" = "AP"
    | | | | | | | }
    | | | | | | | }
    | | | | | +-o aop-gpio@4A820000 <class AppleARMIODevice, id 0x100000177, registered, matched, active, busy 0 (219
ms), retain 8>
    | | | | | {
    | | | | | | | "IOInterruptSpecifiers" =
(<0c010000>,<0d010000>,<0e010000>,<0f010000>,<10010000>,<11010000>,<12010000>)
    | | | | | | | "wake-no-interrupt-group" = <04000000>
    | | | | | | | "wake-events" = <0616061a041a0000>
    | | | | | | | "#gpio-int-groups" = <07000000>
    | | | | | | | "#address-cells" = <00000000>
    | | | | | | | "supported-int-groups" = <040000000500000006000000>
    | | | | | | | "AAPL,phandle" = <78000000>
    | | | | | | | "IODeviceMemory" = ({"address"=0x24a82000,"length"=0x4000})
    | | | | | | | "InterruptControllerName" = "IOInterruptController00000078"
    | | | | | | | "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControll
r00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070")
    | | | | | | | "name" = <616f702d6770696f00>
    | | | | | | | "interrupt-parent" = <70000000>
    | | | | | | | "interrupt-controller" = <>
    | | | | | | | "compatible" = <6770696f2c743831303100>
    | | | | | | | "interrupts" = <0c0100000d0100000e0100000f010000100100001101000012010000>
    | | | | | | | "#interrupt-cells" = <02000000>
    | | | | | | | "#gpio-pins" = <2a000000>
    | | | | | | | "no-resume-restore" = <01000000>
    | | | | | | | "role" = <414f5000>
    | | | | | | | "device_type" = <696e746572727570742d636f6e74726f6c6c657200>
    | | | | | | | "reg" = <0000824a000000000040000000000000>
    | | | | | | | }
    | | | | | | | }
    | | | | | +-o AppleT8101GPIOIC <class AppleT8101GPIOIC, id 0x1000002ab, registered, matched, active, busy 0 (0 ms),
retain 6>
    | | | | | {
    | | | | | | | "IOClass" = "AppleT8101GPIOIC"
    | | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleGPIOICController"
    | | | | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | | | | "IOPlatformActiveAction" = 0x1388
    | | | | | | | "IOPlatformWakeAction" = 0x1f4
    | | | | | | | "IOPlatformQuiesceAction" = 0x3e8
    | | | | | | | "IOProbeScore" = 0x0
    | | | | | | | "IONameMatch" = "gpio,t8101"
    | | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | | "IOFunctionParent00000078" = <>
    | | | | | | | "IONameMatched" = "gpio,t8101"
    | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleGPIOICController"
    | | | | | | | "InterruptControllerName" = "IOInterruptController00000078"
    | | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleGPIOICController"
    | | | | | | | "role" = "AOP"
    | | | | | | | }
    | | | | | | | }
    | | | | | +-o nub-gpio@3D1F0000 <class AppleARMIODevice, id 0x100000178, registered, matched, active, busy 0 (211 ms),
retain 8>
    | | | | | {
    | | | | | | | "IOInterruptSpecifiers" =
(<4a010000>,<4b010000>,<4c010000>,<4d010000>,<4e010000>,<4f010000>,<50010000>)

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|| || "wake-no-interrupt-group" = <04000000>
|| || "wake-events" = <02040000>
|| || "#gpio-int-groups" = <07000000>
|| || "#address-cells" = <00000000>
|| || "supported-int-groups" = <040000000500000006000000>
|| || "AAPL,phandle" = <79000000>
|| || "IODeviceMemory" = ({"address"=0x23d1f000,"length"=0x4000})
|| || "InterruptControllerName" = "IOInterruptController00000079"
|| || "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControle
r00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070")
|| || "name" = <6e75622d6770696f00>
|| || "interrupt-parent" = <70000000>
|| || "interrupt-controller" = <>
|| || "compatible" = <6770696f2c743831303100>
|| || "interrupts" = <4a0100004b0100004c0100004d0100004e0100004f01000050010000>
|| || "#interrupt-cells" = <02000000>
|| || "#gpio-pins" = <17000000>
|| || "no-resume-restore" = <01000000>
|| || "role" = <4e554200>
|| || "device_type" = <696e746572727570742d636f6e74726f6c6c657200>
|| || "reg" = <00001f3d0000000004000000000000>
|| || }
|| ||
|| || +-o AppleT8101GPIOIC <class AppleT8101GPIOIC, id 0x1000002ac, registered, matched, active, busy 0 (0 ms),
retain 8>
|| || {
|| ||   "IOClass" = "AppleT8101GPIOIC"
|| ||   "CFBundleIdentifier" = "com.apple.driver.AppleGPIOICController"
|| ||   "IOProviderClass" = "AppleARMIODevice"
|| ||   "IOPlatformActiveAction" = 0x1388
|| ||   "IOPlatformWakeAction" = 0x1f4
|| ||   "IOPlatformQuiesceAction" = 0x3e8
|| ||   "IOProbeScore" = 0x0
|| ||   "IONameMatch" = "gpio,t8101"
|| ||   "IOMatchedAtBoot" = Yes
|| ||   "IOMatchCategory" = "IODefaultMatchCategory"
|| ||   "IONameMatched" = "gpio,t8101"
|| ||   "IOPersonalityPublisher" = "com.apple.driver.AppleGPIOICController"
|| ||   "InterruptControllerName" = "IOInterruptController00000079"
|| ||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleGPIOICController"
|| ||   "IOFunctionParent00000079" = <>
|| ||   "role" = "NUB"
|| || }
|| ||
|| || +-o smc-gpio@3E820000 <class AppleARMIODevice, id 0x100000179, registered, matched, active, busy 0 (209
ms), retain 8>
|| || {
|| ||   "IOInterruptSpecifiers" =
(<87010000>,<88010000>,<89010000>,<8a010000>,<8b010000>,<8c010000>,<8d010000>)
|| ||   "wake-events" = <>
|| ||   "#gpio-int-groups" = <07000000>
|| ||   "AAPL,phandle" = <7a000000>
|| ||   "supported-int-groups" = <0500000006000000>
|| ||   "#address-cells" = <00000000>
|| ||   "IODeviceMemory" = ({"address"=0x23e82000,"length"=0x4000})
|| ||   "InterruptControllerName" = "IOInterruptController0000007A"
|| ||   "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControle
r00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070")
|| ||   "name" = <736d632d6770696f00>
|| ||   "interrupt-parent" = <70000000>
|| ||   "interrupt-controller" = <>
|| ||   "compatible" = <6770696f2c743831303100>
|| ||   "interrupts" = <8701000088010000890100008a0100008b0100008c0100008d010000>
|| ||   "#interrupt-cells" = <02000000>
|| ||   "#gpio-pins" = <10000000>
|| ||   "no-resume-restore" = <01000000>
|| ||   "role" = <534d4300>
|| ||   "device_type" = <696e746572727570742d636f6e74726f6c6c657200>
|| ||   "reg" = <0000823e0000000004000000000000>
|| || }
|| ||
|| || +-o AppleT8101GPIOIC <class AppleT8101GPIOIC, id 0x1000002ad, registered, matched, active, busy 0 (0 ms),
retain 6>
|| || {
|| ||   "IOClass" = "AppleT8101GPIOIC"
|| ||   "CFBundleIdentifier" = "com.apple.driver.AppleGPIOICController"
|| ||   "IOProviderClass" = "AppleARMIODevice"
|| ||   "IOPlatformActiveAction" = 0x1388
|| ||   "IOPlatformWakeAction" = 0x1f4
|| ||   "IOPlatformQuiesceAction" = 0x3e8
|| ||   "IOProbeScore" = 0x0
|| ||   "IONameMatch" = "gpio,t8101"
|| ||   "IOMatchedAtBoot" = Yes
|| ||   "IOMatchCategory" = "IODefaultMatchCategory"
|| ||   "IOFunctionParent0000007A" = <>
|| ||   "IONameMatched" = "gpio,t8101"
|| ||   "IOPersonalityPublisher" = "com.apple.driver.AppleGPIOICController"
|| ||   "InterruptControllerName" = "IOInterruptController0000007A"
|| ||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleGPIOICController"
|| ||   "role" = "SMC"
|| || }
|| ||
|| || +-o aop@4A400000 <class AppleARMIODevice, id 0x10000017a, registered, matched, active, busy 0 (1309 ms),
retain 9>
|| || {
|| ||   "IOInterruptSpecifiers" = (<1e010000>,<1d010000>,<20010000>,<1f010000>)
|| ||   "aot-power" = <01000000>
|| ||   "iop-version" = <01000000>
|| ||   "clock-gates" = <>
|| ||   "AAPL,phandle" = <7b000000>
|| ||   "IODeviceMemory" = ({"address"=0x24a40000,"length"=0x6c000},
{"address"=0x24a050000,"length"=0x4000},{"address"=0x24ac00000,"length"=0x1e0000}),
{"address"=0x23d2a8000,"length"=0x8})
|| ||   "IOReportLegendPublic" = Yes
|| ||   "segment-names" = <5f5f544558543b5f5f444154413b5f5f455445585400>
|| ||   "iommu-parent" = <84000000>

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    || || "function-pll_off_mode" = <870000004d4c4c5001000000000000>
    || || "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControlle
r00000070")
    || || "name" = <616f7000>
    || || "interrupt-parent" = <70000000>
    || || "compatible" = <696f702c61736377261702d763400>
    || || "interrupts" = <1e0100001d010000200100001f010000>
    || || "clock-ids" = <>
    || || "role" = <414f5000>
    || || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001," First Level Interrupt Handler Time (MATUs)" ),
(0x496e747200020003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)" ),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
    || || "device_type" = <616f7000>
    || || "power-gates" = <>
    || || "reg" =
<0000404a0000000000c0060000000000000054a0000000004000000000000000c04a000000000001e00000
00000802a3d000000008000000000000>
    || || "segment-ranges" =
<0000c04a02000000000000100000000000c04a0200000000b007000300000000b0c74a0200000000b0070100000
00000b0c74a02000000090080006000000040810008000000040100100000000000200000000000d0000001
000000>
    || || }
    || || }
    || || +-o AppleASCWrapV4 <class AppleASCWrapV4, id 0x100002ae, !registered, !matched, active, busy 0 (1087 ms),
retain 5>
    || || |{
    || || | "IOProbeScore" = 0x0
    || || | "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP"
    || || | "IOProviderClass" = "AppleARMIODevice"
    || || | "IOClass" = "AppleASCWrapV4"
    || || | "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP"
    || || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP"
    || || | "IOMatchedAtBoot" = Yes
    || || | "IONameMatch" = "iop,ascwrap-v4"
    || || | "IOMatchCategory" = "IODefaultMatchCategory"
    || || | "IONameMatched" = "iop,ascwrap-v4"
    || || | "role" = "AOP"
    || || | }
    || || | }
    || || +-o iop-aop-nub <class AppleA7IOPNub, id 0x1000017b, registered, matched, active, busy 0 (1087 ms), retain
9>
    || || |{
    || || | "aop-target" = <01000000>
    || || | "sleep-on-hibernate" = <>
    || || | "segment-names" = <5f5f544558543b5f5444154413b5f5f455445585400>
    || || | "compatible" = <696f702d6e75622c727462756464792d763200>
    || || | "coredump-enable" = <40000000>
    || || | "AAPL_phandle" = <7c000000>
    || || | "region-base" = <0000c04a02000000>
    || || | "firmware-name" = <6d6163313367616f7000>
    || || | "KDebugCoreID" = 0xf
    || || | "region-size" = <0000250000000000>
    || || | "aop-fr-timebase" = <01000000>
    || || | "enable-doppler" = <01000000>
    || || | "watchdog-enable" = <>
    || || | "segment-ranges" =
<0000c04a02000000000000100000000000c04a0200000000b007000300000000b0c74a0200000000b0070100000
00000b0c74a02000000090080006000000040810008000000040100100000000000200000000000d0000001
000000>
    || || | "name" = <696f702d616f702d6e756200>
    || || | "pre-loaded" = <01000000>
    || || | }
    || || | }
    || || +-o AppleSPUTimesyncV2 <class AppleSPUTimesyncV2, id 0x10000421, registered, matched, active, busy 0
(16 ms), retain 12>
    || || |{
    || || | "IOClass" = "AppleSPUTimesyncV2"
    || || | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
    || || | "IOProviderClass" = "AppleA7IOPNub"
    || || | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
    || || | "IOProbeScore" = 0x0
    || || | "IONameMatch" = ("iop-aop-nub")
    || || | "IOMatchedAtBoot" = Yes
    || || | "IOMatchCategory" = "AppleSPUTimesync"
    || || | "timesync" = {"spu"=0x273fb8b02b0,"ap"=0x273fb8b0644,"ap-
cont"=0x273fb8b0644,"calendar"=0x1709254846fbf20b}
    || || | "IONameMatched" = "iop-aop-nub"
    || || | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
    || || | "IOKitDebug" = 0xfffff
    || || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
    || || | }
    || || | }
    || || +-o RTBuddyV2 <class RTBuddyV2, id 0x10000422, registered, matched, active, busy 0 (1065 ms), retain 39>
    || || |{
    || || | "IOClass" = "RTBuddyV2"
    || || | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
    || || | "IOProviderClass" = "AppleA7IOPNub"
    || || | "IOPlatformPanicAction" = 0x15ba8
    || || | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8002,"MaxPowerState"=0x2}
    || || | "IOUserClientClass" = "RTBuddyUserClient"
    || || | "IOProbeScore" = 0x0
    || || | "IONameMatch" = "iop-nub,rtbuddy-v2"
    || || | "IOMatchedAtBoot" = Yes
    || || | "IOMatchCategory" = "IODefaultMatchCategory"
    || || | "IOReportLegend" =
({"IOReportGroupName"="AOP","IOReportChannels"=((0x5254537475730000,0x900020002,"status")), "IOReportChannell
nfo"={"IOReportChannelUnit"=0x100007980000018,"IOReportSubGroupName"="IOP State"})
    || || | "IOReportLegendPublic" = Yes
    || || | "FirmwareUUID" = "d520d549-f2b7-3bd0-8fac-512fdc41c7f9"
    || || | "FirmwareVersion" = "mac13gaop:AppleSPUFirmwareBuilder-373.100.9-11468"
    || || | "IONameMatched" = "iop-nub,rtbuddy-v2"
    || || | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
    || || | "role" = "AOP"
    || || | }
```

```

    | | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
    | | | | "RTKitVersion" = "RTKit-1827.120.2.debug"
    | | | | }
    | | | |
    | | | | +-o RTBuddyService <class RTBuddyService, id 0x100000429, registered, matched, active, busy 0 (25 ms),
retain 6>
    | | | | |{
    | | | | | | "IOProbeScore" = 0x0
    | | | | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
    | | | | | | "IOMatchCategory" = "RTBuddyService"
    | | | | | | "IOClass" = "RTBuddyService"
    | | | | | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
    | | | | | | "IOProviderClass" = "RTBuddy"
    | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
    | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | "role" = "AOP"
    | | | | | | }
    | | | | |
    | | | | | +-o AppleSPUFirmwareService <class AppleSPUFirmwareService, id 0x100000474, registered, matched,
active, busy 0 (15 ms), retain 5>
    | | | | | | {
    | | | | | | | "IOPropertyMatch" = {"role"="AOP"}
    | | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
    | | | | | | | "IOMatchCategory" = "RTBuddyFirmwareService"
    | | | | | | | "IOClass" = "AppleSPUFirmwareService"
    | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
    | | | | | | | "IOProviderClass" = "RTBuddyService"
    | | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
    | | | | | | | "IOProbeScore" = 0x0
    | | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | | "Role" = "AOP"
    | | | | | | }
    | | | | | +-o RTBuddyIOReportingEndpoint <class RTBuddyIOReportingEndpoint, id 0x1000004a4, registered, matched,
active, busy 0 (13 ms), retain 7>
    | | | | | | {
    | | | | | | | "IOReportLegend" =
({ "IOReportGroupName" = "AOP", "IOReportChannels" = ((0x5254494f75636e00, 0x180000001, "update count"),
(0x5254494f6c757000, 0x180000001, "last
update")), "IOReportChannelInfo" = {"IOReportChannelUnit" = 0x0, "IOReportSubGroupName" = "IO Reporting statistics"},
{"IOReportGroupName" = "AOP", "IOReportChannels" = ((0x525444757479436c, 0x100020001, "Duty
cycle")), "IOReportChannelInfo" = {"IOReportChannelUnit" = 0x0, "IOReportSubGroupName" = "Power"},
{"IOReportGroupName" = "AOP", "IOReportChannels" = ((0x5254536c70436e74, 0x100020001, "Sleep $
IOReportLegendPublic" = Yes
    | | | | | | }
    | | | | | | }
    | | | | | +-o AOPEndpoint1 <class RTBuddyEndpointService, id 0x1000004a7, registered, matched, active, busy 0 (18
ms), retain 7>
    | | | | | | {
    | | | | | | }
    | | | | | | }
    | | | | | +-o AppleSPU@10000005 <class AppleSPU, id 0x1000004ba, registered, matched, active, busy 0 (12 ms),
retain 10>
    | | | | | | {
    | | | | | | | "IOClass" = "AppleSPU"
    | | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
    | | | | | | | "IOProviderClass" = "RTBuddyEndpointService"
    | | | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
    | | | | | | | "IOProbeScore" = 0x0
    | | | | | | | "IONameMatch" =
("AOPEndpoint1","AOPEndpoint2","AOPEndpoint3","AOPEndpoint4","AOPEndpoint5","AOPEndpoint6","AOPEndpoint7","AOP
Endpoint8","AOPEndpoint9","AOPEndpoint10","AOPEndpoint11","AOPEndpoint12","AOPEndpoint13","AOPEndpoint14","AOP
Endpoint15","AOPEndpoint16","AOPEndpoint17","AOPEndpoint18","AOPEndpoint19","AOPEndpoint20","AOPEndpoint21","AOP
Endpoint22","AOPEndpoint23","AOPEndpoint24","AOPEndpoint25","AOPEndpoint26","AOPEndpoint27","SPUEndpoint1","SP
UEndpoint2","SPUEndpoint3","SPUEndpoint4","SPUEndpoint5","SPUEndp$
    | | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | | "IOReportLegend" = ({ "IOReportGroupName" = "AOP endpoint
32", "IOReportChannels" = ((0x57414b4530303030, 0x100020001, "spu_none"),
(0x57414b4530303031, 0x100020001, "spu"), (0x57414b4530303032, 0x100020001, "spu_queue_overflow_ep"),
(0x57414b4530303033, 0x100020001, "spu_osmium"), (0x57414b4530303034, 0x100020001, "spu_platinum"),
(0x57414b4530303035, 0x100020001, "spu_activity_alarm"),
(0x57414b4530303036, 0x100020001, "spu_sedentary_alarm"), (0x57414b4530303037, 0x100020001, "spu_gesture"),
(0x57414b4530303038, 0x100020001, "spu_touch"), (0x57414b$
    | | | | | | | "IOReportLegendPublic" = Yes
    | | | | | | | "rx queue size" = 0x4000
    | | | | | | | "IONameMatched" = "AOPEndpoint1"
    | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
    | | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
    | | | | | | | "tx queue size" = 0x4000
    | | | | | | | }
    | | | | | | | }
    | | | | | +-o SPUApp <class AppleSPUAppInterface, id 0x10000079d, registered, matched, active, busy 0 (2 ms),
retain 9>
    | | | | | | {
    | | | | | | | "DebugState" = {"_aop_latency"=0x1,"_ap_latency"=0x88}
    | | | | | | | "IOUserClientClass" = "AppleSPUUserClient"
    | | | | | | | "service_id" = 0x10000000
    | | | | | | | "IOReportLegendPublic" = Yes
    | | | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x2}
    | | | | | | | "IOReportLegend" =
({ "IOReportGroupName" = "AOP", "IOReportChannels" = ((0x4e554d2052452030, 0x100020001, "Ready reports"),
(0x4e554d2052452031, 0x100020001, "Gyro reports"), (0x4e554d2052452032, 0x100020001, "Accel reports"),
(0x4e554d2052452033, 0x100020001, "Compass reports"), (0x4e554d2052452034, 0x100020001, "HID reports"),
(0x4e554d2052452039, 0x100020001, "Grape reports"), (0x4e554d2052452041, 0x100020001, "Platinum reports"),
(0x4e554d2052452042, 0x100020001, "Lisa reports"), (0x4e554d2052452043, 0x100020001, "ALS reports"),
(0x4e554d20524$
    | | | | | | | }
    | | | | | | | }
    | | | | | +-o AppleSPUAppDriver <class AppleSPUAppDriver, id 0x1000007a8, registered, matched, active, busy 0 (1
ms), retain 7>
    | | | | | | {
    | | | | | | | "IOClass" = "AppleSPUAppDriver"
    | | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
    | | | | | | | "IOProviderClass" = "AppleSPUAppInterface"

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|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
|| | | "tx queue size" = 0x4000
|| | | }
|| | | }
|| | | +-o AOPEndpoint5 <class RTBuddyEndpointService, id 0x1000004b5, registered, matched, active, busy 0
(1021 ms), retain 7>
|| | | |{
|| | | |}
|| | | |}
|| | | |+-o AppleSPU@1000009 <class AppleSPU, id 0x1000004bd, registered, matched, active, busy 0 (1021 ms),
retain 8>
|| | | |{
|| | | | | "IOClass" = "AppleSPU"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
|| | | | | "IOProviderClass" = "RTBuddyEndpointService"
|| | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IONameMatch" =
("AOPEndpoint1","AOPEndpoint2","AOPEndpoint3","AOPEndpoint4","AOPEndpoint5","AOPEndpoint6","AOPEndpoint7","AOP
Endpoint8","AOPEndpoint9","AOPEndpoint10","AOPEndpoint11","AOPEndpoint12","AOPEndpoint13","AOPEndpoint14","AOP
Endpoint15","AOPEndpoint16","AOPEndpoint17","AOPEndpoint18","AOPEndpoint19","AOPEndpoint20","AOPEndpoint21","AOP
Endpoint22","AOPEndpoint23","AOPEndpoint24","AOPEndpoint25","AOPEndpoint26","AOPEndpoint27","SPUEndpoint1","SP
UEndpoint2","SPUEndpoint3","SPUEndpoint4","SPUEndpoint5","SPUEndp$
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "IOReportLegend" = ({"IOReportGroupName"="AOP endpoint
36","IOReportChannels"=((0x57414b4530303030,0x100020001,"spu_none"),
(0x57414b4530303031,0x100020001,"spu"),(0x57414b4530303032,0x100020001,"spu_queue_overflow_ep"),
(0x57414b4530303033,0x100020001,"spu_osmium"),(0x57414b4530303034,0x100020001,"spu_platinum"),
(0x57414b4530303035,0x100020001,"spu_activity_alarm"),
(0x57414b4530303036,0x100020001,"spu_sedentary_alarm"),(0x57414b4530303037,0x100020001,"spu_gesture"),
(0x57414b4530303038,0x100020001,"spu_touch"),(0x57414b$
|| | | | | "IOReportLegendPublic" = Yes
|| | | | | "rx queue size" = 0x4000
|| | | | | "IONameMatched" = "AOPEndpoint5"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
|| | | | | "tx queue size" = 0x4000
|| | | | | }
|| | | | | }
|| | | | +-o als <class AppleSPUHIDInterface, id 0x10000079b, registered, matched, active, busy 0 (1013 ms), retain
9>
|| | | | |{
|| | | | | | "DebugState" = {"_aop_latency"=0x696,"_ap_latency"=0xed}
|| | | | | | "IOUserClientClass" = "AppleSPUUserClient"
|| | | | | | "service_id" = 0x10000009
|| | | | | | "IOReportLegendPublic" = Yes
|| | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x2}
|| | | | | | "IOReportLegend" =
({"IOReportGroupName"="AOP","IOReportChannels"=((0x4e554d2052452030,0x100020001,"Ready reports"),
(0x4e554d2052452031,0x100020001,"Gyro reports"),(0x4e554d2052452032,0x100020001,"Accel reports"),
(0x4e554d2052452033,0x100020001,"Compass reports"),(0x4e554d2052452034,0x100020001,"HID reports"),
(0x4e554d2052452039,0x100020001,"Grape reports"),(0x4e554d2052452041,0x100020001,"Platinum reports"),
(0x4e554d2052452042,0x100020001,"Lisa reports"),(0x4e554d2052452043,0x100020001,"ALS reports"),
(0x4e554d20524$
|| | | | | | }
|| | | | | | }
|| | | | | +-o AppleSPUHIDDevice <class AppleSPUHIDDevice, id 0x1000007a5, registered, matched, active, busy 0
(1011 ms), retain 7>
|| | | | | |{
|| | | | | | | "IOClass" = "AppleSPUHIDDevice"
|| | | | | | | "Transport" = "SPU"
|| | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
|| | | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | | "Built-In" = Yes
|| | | | | | | "MaxInputReportSize" = 0x37
|| | | | | | | "IOProviderClass" = "AppleSPUHIDInterface"
|| | | | | | | "Manufacturer" = "Apple"
|| | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x4})
|| | | | | | | "IOProbeScore" = 0x0
|| | | | | | | "ReportDescriptor" = <0600ff0a0400a101150026ff00750895378100c0>
|| | | | | | | "MaxOutputReportSize" = 0x0
|| | | | | | | "IOUserClientClass" = "IOHIDLibUserClient"
|| | | | | | | "IOCFPlugInTypes" = {"7ACF5332-1A35-4893-87CB-BA64E1887FAE"="AppleSPU.kext/Contents/
Plugins/AppleSPULib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
|| | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
|| | | | | | | "RegisterService" = No
|| | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
|| | | | | | | "PrimaryUsage" = 0x4
|| | | | | | | "LocationID" = 0x0
|| | | | | | | "Elements" =
{"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"UsagePage"=0xff00,"Usa
ge"=0x4},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x0,"Max"=0x0,"IsArray"=Yes,"Type"=0x5,"Size"=
0x0,"Min"=0x0,"Flags"=0x0,"ReportID"=0x0,"Usage"=0xffffffffffff,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"R
eportSize"=0x0,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x0,"Elemen
tCookie"=0x3},{"VariableSize"=0x0,"UnitExpo$
|| | | | | | | "ReportInterval" = 0x1f40
|| | | | | | | "PrimaryUsagePage" = 0xff00
|| | | | | | | "DeviceOpenedByEventSystem" = No
|| | | | | | | "MaxFeatureReportSize" = 0x0
|| | | | | | | "InputReportElements" =
{"ReportID"=0x0,"ElementCookie"=0x4,"Size"=0x1b8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0
x0,"ReportSize"=0x1b8,"Usage"=0x0}
|| | | | | | | }
|| | | | | | | }
|| | | | | +-o IOHIDInterface <class IOHIDInterface, id 0x1000007b0, registered, matched, active, busy 0 (1010 ms),
retain 8>
|| | | | | |{
|| | | | | | | "MaxOutputReportSize" = 0x0
|| | | | | | | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
```

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|| | | | "DeviceOpenedByEventSystem" = No
|| | | | "IOServiceDEXTentitlements" =
(("com.apple.developer.driverkit.transport.hid","com.apple.developer.driverkit.builtin"))
|| | | | "PrimaryUsage" = 0x4
|| | | | "LocationID" = 0x0
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x4})
|| | | | "Transport" = "SPU"
|| | | | "ReportInterval" = 0x1f40
|| | | | "ReportDescriptor" = <0600ff0a0400a101150026ff00750895378100c0>
|| | | | "Built-In" = Yes
|| | | | "Manufacturer" = "Apple"
|| | | | "PrimaryUsagePage" = 0xff00
|| | | | "MaxFeatureReportSize" = 0x0
|| | | | "MaxInputReportSize" = 0x37
|| | | | }
|| | | | +-o AppleSPUCT720 <class AppleSPUCT720, id 0x1000007bc, registered, matched, active, busy 0 (1004
ms), retain 9>
|| | | | | {
|| | | | | "ALSIntegrationMode" = 0x3
|| | | | | "calibration_state" = 0x1
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "CurrentLux" = 0x2c
|| | | | | "crgb" = 0x1
|| | | | | "VersionNumber" = 0x0
|| | | | | "VendorID" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Built-In" = Yes
|| | | | | "DebugState" =
{"_num_events"=0x0,"_num_events_after_wake"=0x0,"_num_events_before_sleep"=0x0,"_last_event_timestamp"=0x0}
|| | | | | "LogLevel" = 0x6
|| | | | | "motionRestrictedService" = No
|| | | | | "Transport" = "SPU"
|| | | | | "ALSGain" = 0x100
|| | | | | "Manufacturer" = "Apple"
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x4})
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleALSColorSensor"
|| | | | | "IOPowerManagement" =
{"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
|| | | | | "SysConfigCalibration" = No
|| | | | | "CalibrationType" = 0x2
|| | | | | "CalibrationData" =
<01020000005a7d0b000191009a59fa006400640008080804098bedffff511200000ccef002e00001cec6b15ffd05b050
0000000001e882937eb8802582d27f3580c0800e81897f00000000002c7811f7f7080c281e47f0080c5809380ee7e00
0000000010080af810080a981cb7fb17fda7f577f7c010000000004008000803580a881e57fd37f548000807a7d>
|| | | | | "ALSSlowIntegrationTime" = 0x3d090
|| | | | | "NumberOfChannels" = 0x4
|| | | | | "manufacturer" = "FireFish2"
|| | | | | "UseAABPlugin" = Yes
|| | | | | "Orientation" = 0x1
|| | | | | "ALSSensorType" = 0x2
|| | | | | "Calibrated" = Yes
|| | | | | "VendorIDSource" = 0x0
|| | | | | "ReportInterval" = 0x5c4e0
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleALSColorSensor"
|| | | | | "FastModeFilter" = Yes
|| | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "IOProviderClass" = "IOHIDInterface"
|| | | | | "ALSSuperFastIntegrationTime" = 0x182b8
|| | | | | "LocationID" = 0x0
|| | | | | "ChannelRatioMitigation" = 0x1
|| | | | | "IOClass" = "AppleSPUCT720"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleALSColorSensor"
|| | | | | "PrimaryUsage" = 0x4
|| | | | | "CountryCode" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "Placement" = 0x1
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "chip_id" = 0xb7d5afa
|| | | | | "IOProbeScore" = 0x4b0
|| | | | | "FDRCalibration" = Yes
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "ALSFastIntegrationTime" = 0x186a0
|| | | | | }
|| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a8d, !registered, !
matched, active, busy 0, retain 6>
|| | | | | | {
|| | | | | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x3eb0,"NotificationForce"=0x0,"NotificationCount"=0x279b,"head"=0x3eb0},"E
nqueueEventCount"=0x279b,"LastEventType"=0xc,"LastEventTime"=0x216527}
|| | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | | }
|| | | | | +-o AOPEndpoint6 <class RTBuddyEndpointService, id 0x1000004b6, registered, matched, active, busy 0
(1029 ms), retain 7>
|| | | | | | {
|| | | | | | }
|| | | | | +-o AppleSPU@1000001 <class AppleSPU, id 0x1000004bf, registered, matched, active, busy 0 (1027 ms),
retain 8>
|| | | | | | {
|| | | | | | "IOClass" = "AppleSPU"
|| | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
|| | | | | | "IOProviderClass" = "RTBuddyEndpointService"
|| | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
|| | | | | | "IOProbeScore" = 0x0
|| | | | | | "IONameMatch" =
{"AOPEndpoint1","AOPEndpoint2","AOPEndpoint3","AOPEndpoint4","AOPEndpoint5","AOPEndpoint6","AOPEndpoint7","AOP
Endpoint8","AOPEndpoint9","AOPEndpoint10","AOPEndpoint11","AOPEndpoint12","AOPEndpoint13","AOPEndpoint14","AOP
Endpoint15","AOPEndpoint16","AOPEndpoint17","AOPEndpoint18","AOPEndpoint19","AOPEndpoint20","AOPEndpoint21","AOP
Endpoint22","AOPEndpoint23","AOPEndpoint24","AOPEndpoint25","AOPEndpoint26","AOPEndpoint27","SPUEndpoint1","SP
```



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UEndpoint2","SPUEndpoint3","SPUEndpoint4","SPUEndpoint5","SPUEndp$
  | | | | | "IOMatchedAtBoot" = Yes
  | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
  | | | | | "IOReportLegend" = {"IOReportGroupName"="AOP endpoint
37","IOReportChannels"=((0x57414b4530303030,0x100020001,"spu_none"),
(0x57414b4530303031,0x100020001,"spu"),(0x57414b4530303032,0x100020001,"spu_queue_overflow_ep"),
(0x57414b4530303033,0x100020001,"spu_osmium"),(0x57414b4530303034,0x100020001,"spu_platinum"),
(0x57414b4530303035,0x100020001,"spu_activity_alarm"),
(0x57414b4530303036,0x100020001,"spu_sedentary_alarm"),(0x57414b4530303037,0x100020001,"spu_gesture"),
(0x57414b4530303038,0x100020001,"spu_touch"),(0x57414b$
  | | | | | "IOReportLegendPublic" = Yes
  | | | | | "rx queue size" = 0x4000
  | | | | | "IONameMatched" = "AOPEndpoint6"
  | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
  | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
  | | | | | "tx queue size" = 0x4000
  | | | | | }
  | | | | | }
  | | | | | }
  | | | | | +-o wakehint <class AppleSPUHIDInterface, id 0x10000079a, registered, matched, active, busy 0 (1014 ms),
retain 9>
  | | | | | {
  | | | | | | "DebugState" = {"_aop_latency"=0x1,"_ap_latency"=0x75}
  | | | | | | "IOUserClientClass" = "AppleSPUUserClient"
  | | | | | | "service_id" = 0x10000001
  | | | | | | "IOReportLegendPublic" = Yes
  | | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x2}
  | | | | | | "IOReportLegend" =
{"IOReportGroupName"="AOP","IOReportChannels"=((0x4e554d2052452030,0x100020001,"Ready reports"),
(0x4e554d2052452031,0x100020001,"Gyro reports"),(0x4e554d2052452032,0x100020001,"Accel reports"),
(0x4e554d2052452033,0x100020001,"Compass reports"),(0x4e554d2052452034,0x100020001,"HID reports"),
(0x4e554d2052452039,0x100020001,"Grape reports"),(0x4e554d2052452041,0x100020001,"Platinum reports"),
(0x4e554d2052452042,0x100020001,"Lisa reports"),(0x4e554d2052452043,0x100020001,"ALS reports"),
(0x4e554d20524$
  | | | | | | }
  | | | | | | }
  | | | | | | }
  | | | | | | +-o AppleSPUHIDDevice <class AppleSPUHIDDevice, id 0x1000007a4, registered, matched, active, busy 0
(1012 ms), retain 8>
  | | | | | | {
  | | | | | | | "IOClass" = "AppleSPUHIDDevice"
  | | | | | | | "Transport" = "SPU"
  | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
  | | | | | | | "IOMatchedAtBoot" = Yes
  | | | | | | | "Built-In" = Yes
  | | | | | | | "MaxInputReportSize" = 0x1
  | | | | | | | "IOProviderClass" = "AppleSPUHIDInterface"
  | | | | | | | "Manufacturer" = "Apple"
  | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xff})
  | | | | | | | "IOProbeScore" = 0x0
  | | | | | | | "ReportDescriptor" = <0600ff0aff00a101150026ff00750895018102c0>
  | | | | | | | "MaxOutputReportSize" = 0x0
  | | | | | | | "IOUserClientClass" = "IOHIDLibUserClient"
  | | | | | | | "IOCFPlugInTypes" = {"7ACF5332-1A35-4893-87CB-BA64E1887FAE"="AppleSPU.kext/Contents/
Plugins/AppleSPULib.plugin","7DDECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
  | | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
  | | | | | | | "RegisterService" = No
  | | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
  | | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
  | | | | | | | "PrimaryUsage" = 0xff
  | | | | | | | "LocationID" = 0x0
  | | | | | | | "Elements" =
{"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"UsagePage"=0xff00,"Usa
ge"=0xff},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x0,"Max"=0x0,"IsArray"=Yes,"Type"=0x5,"Size"=
0x0,"Min"=0x0,"Flags"=0x0,"ReportID"=0x0,"Usage"=0xffffffffffffffff,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"R
eportSize"=0x0,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x0,"Elemen
tCookie"=0x3},{{"VariableSize"=0x0,"UnitExp$
  | | | | | | | "ReportInterval" = 0x1f40
  | | | | | | | "PrimaryUsagePage" = 0xff00
  | | | | | | | "DeviceOpenedByEventSystem" = No
  | | | | | | | "MaxFeatureReportSize" = 0x0
  | | | | | | | "InputReportElements" =
{"ReportID"=0x0,"ElementCookie"=0x4,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,
"ReportSize"=0x8,"Usage"=0x0})
  | | | | | | | }
  | | | | | | | }
  | | | | | | | +-o IOHIDInterface <class IOHIDInterface, id 0x1000007af, registered, matched, active, busy 0 (1011 ms),
retain 8>
  | | | | | | | {
  | | | | | | | | "MaxOutputReportSize" = 0x0
  | | | | | | | | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
  | | | | | | | | "DeviceOpenedByEventSystem" = No
  | | | | | | | | "IOServiceDEXTEntitlements" =
{"com.apple.developer.driverkit.transport.hid","com.apple.developer.driverkit.builtin"})
  | | | | | | | | "PrimaryUsage" = 0xff
  | | | | | | | | "LocationID" = 0x0
  | | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xff})
  | | | | | | | | "Transport" = "SPU"
  | | | | | | | | "ReportInterval" = 0x1f40
  | | | | | | | | "ReportDescriptor" = <0600ff0aff00a101150026ff00750895018102c0>
  | | | | | | | | "Built-In" = Yes
  | | | | | | | | "Manufacturer" = "Apple"
  | | | | | | | | "PrimaryUsagePage" = 0xff00
  | | | | | | | | "MaxFeatureReportSize" = 0x0
  | | | | | | | | "MaxInputReportSize" = 0x1
  | | | | | | | | }
  | | | | | | | | }
  | | | | | | | | }
  | | | | | | | | +-o AppleSPUHIDDriver <class AppleSPUHIDDriver, id 0x1000007c6, registered, matched, active, busy 0
(1004 ms), retain 10>
  | | | | | | | | {
  | | | | | | | | | "IOClass" = "AppleSPUHIDDriver"
  | | | | | | | | | "Transport" = "SPU"
  | | | | | | | | | "AppleVoltageDictionary" = {}
  | | | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"

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    | | | | | "QueueSize" = 0x4000
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "Built-In" = Yes
    | | | | | "IOProviderClass" = "IOHIDInterface"
    | | | | | "IOPowerManagement" =
{"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
    | | | | | "Manufacturer" = "Apple"
    | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xff})
    | | | | | "IOProbeScore" = 0x3e8
    | | | | | "AOPSupportsAggregateDictionary" = Yes
    | | | | | "calibration_state" = 0x1
    | | | | | "DebugState" =
{"_num_events"=0x0,"_num_events_after_wake"=0x0,"_num_events_before_sleep"=0x0,"_last_event_timestamp"=0x0}
    | | | | | "VendorIDSource" = 0x0
    | | | | | "HIDServiceSupport" = Yes
    | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | "IOCFPlugInTypes" = ({"0B842ADD-C395-4352-95F6-6585EB515623"="IOHIDFamily.kext/PlugIns/
IOHIDLib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","3BC5CC87-845E-48AB-A9C2-9436001BA68A"="AppleSPU.kext/Contents/PlugIns/
AppleSPULib.plugin"})
    | | | | | "CountryCode" = 0x0
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
    | | | | | "VendorID" = 0x0
    | | | | | "VersionNumber" = 0x0
    | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
    | | | | | "motionRestrictedService" = No
    | | | | | "PrimaryUsage" = 0xff
    | | | | | "LocationID" = 0x0
    | | | | | "ProductID" = 0x0
    | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | "ReportInterval" = 0x0
    | | | | | "PrimaryUsagePage" = 0xff00
    | | | | | }
    | | | | | }
    | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a8c, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |     "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    | | | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |     "IOUserClientDefaultLocking" = Yes
    | | | | |     }
    | | | | | }
    | | | | | +-o AppleSPUHIDDriverUserClient <class AppleSPUHIDDriverUserClient, id 0x100000b1e, !registered, !
matched, active, busy 0, retain 5>
    | | | | | {
    | | | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |     "IOUserClientDefaultLocking" = Yes
    | | | | |     }
    | | | | | }
    | | | | | +-o AppleSPUHIDDeviceUserClient <class AppleSPUHIDDeviceUserClient, id 0x100000b1f, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |     "IOUserClientDefaultLocking" = Yes
    | | | | |     }
    | | | | | }
    | | | | | +-o AOPEndpoint7 <class RTBuddyEndpointService, id 0x1000004b7, registered, matched, active, busy 0 (19
ms), retain 7>
    | | | | | {
    | | | | |     {
    | | | | |     }
    | | | | |     }
    | | | | |     +-o AppleSPU <class AppleSPU, id 0x1000004cd, registered, matched, active, busy 0 (10 ms), retain 6>
    | | | | |     {
    | | | | |         "IOClass" = "AppleSPU"
    | | | | |         "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
    | | | | |         "IOProviderClass" = "RTBuddyEndpointService"
    | | | | |         "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
    | | | | |         "IOProbeScore" = 0x0
    | | | | |         "IONameMatch" =
("AOPEndpoint1","AOPEndpoint2","AOPEndpoint3","AOPEndpoint4","AOPEndpoint5","AOPEndpoint6","AOPEndpoint7","AOP
Endpoint8","AOPEndpoint9","AOPEndpoint10","AOPEndpoint11","AOPEndpoint12","AOPEndpoint13","AOPEndpoint14","AOP
Endpoint15","AOPEndpoint16","AOPEndpoint17","AOPEndpoint18","AOPEndpoint19","AOPEndpoint20","AOPEndpoint21","AOP
Endpoint22","AOPEndpoint23","AOPEndpoint24","AOPEndpoint25","AOPEndpoint26","AOPEndpoint27","SPUEndpoint1","SP
UEndpoint2","SPUEndpoint3","SPUEndpoint4","SPUEndpoint5","SPUEndp$
    | | | | |         "IOMatchedAtBoot" = Yes
    | | | | |         "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | |         "IOReportLegend" = ({"IOReportGroupName"="AOP endpoint
38","IOReportChannels"=((0x57414b4530303030,0x100020001,"spu_none"),
(0x57414b4530303031,0x100020001,"spu"),(0x57414b4530303032,0x100020001,"spu_queue_overflow_ep"),
(0x57414b4530303033,0x100020001,"spu_osmium"),(0x57414b4530303034,0x100020001,"spu_platinum"),
(0x57414b4530303035,0x100020001,"spu_activity_alarm"),
(0x57414b4530303036,0x100020001,"spu_sedentary_alarm"),(0x57414b4530303037,0x100020001,"spu_gesture"),
(0x57414b4530303038,0x100020001,"spu_touch"),(0x57414b$
    | | | | |         "IOReportLegendPublic" = Yes
    | | | | |         "rx queue size" = 0x4000
    | | | | |         "IONameMatched" = "AOPEndpoint7"
    | | | | |         "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
    | | | | |         "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
    | | | | |         "tx queue size" = 0x4000
    | | | | |     }
    | | | | |     }
    | | | | | }
    | | | | | +-o AOPEndpoint8 <class RTBuddyEndpointService, id 0x1000004b8, registered, matched, active, busy 0 (37
ms), retain 7>
    | | | | | {
    | | | | |     {
    | | | | |     }
    | | | | |     }
    | | | | |     +-o AppleSPU@1000008 <class AppleSPU, id 0x1000004d8, registered, matched, active, busy 0 (21 ms),
retain 8>
    | | | | |     {
    | | | | |         "IOClass" = "AppleSPU"
    | | | | |         "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
    | | | | |         "IOProviderClass" = "RTBuddyEndpointService"
    | | | | |         "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
    | | | | |     }
    | | | | |     "IOProbeScore" = 0x0

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|| | | | | "device_type" = <617564696f2d70646d3200>
|| | | | | "slowClockSpeed" = <00366e01>
|| | | | | }
|| | | | | }
|| | | | | +-o AppleAOPAudioPDM2Device <class AppleAOPAudioPDM2Device, id 0x1000007b2, registered,
matched, active, busy 0 (0 ms), retain 7>
|| | | | | {
|| | | | |   "IOClass" = "AppleAOPAudioPDM2Device"
|| | | | |   "CFBundleIdentifier" = "com.apple.driver.AppleAOPAudio"
|| | | | |   "IOProviderClass" = "AppleAOPAudioDeviceNode"
|| | | | |   "IOPowerManagement" =
{"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | |   "IOResourceMatch" = "IOKit"
|| | | | |   "IONameMatch" = ("audio-aop-pdm2","audio-pdm2")
|| | | | |   "IOProbeScore" = 0x0
|| | | | |   "IOMatchedAtBoot" = Yes
|| | | | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | |   "IOFunctionParent0000007E" = <>
|| | | | |   "IONameMatched" = "audio-pdm2"
|| | | | |   "IOPersonalityPublisher" = "com.apple.driver.AppleAOPAudio"
|| | | | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleAOPAudio"
|| | | | |   "id0" = "pdm0"
|| | | | | }
|| | | | | +-o dc-800000 <class AppleAOPAudioDeviceNode, id 0x10000017e, registered, matched, active, busy 0
(0 ms), retain 8>
|| | | | | {
|| | | | |   "latency" = <15000000>
|| | | | |   "compatible" = <617564696f2d616f702d70646d3200>
|| | | | |   "ratios" = <0f050200>
|| | | | |   "coefficients" =
<dc460300711b0d009cc420003789410021b07200c364aa0089d2de00dd2406012b8716014a2500004caf0000c007020
0459904009a8408007d380d005f1a1100d981110080440b008ee5fbffca32e3ff52c7c4ffa6bca8ff83e69affb85ba8ff6baed
bffe7d838002442ba00332050016edce201422358022c509902cffaffff530affff6623fbffa03ef4ffe668f0ffb835f7ff56ec04
0037a3090000d4feff78a3f5ff03bffe784d50b00be0b04005254f2ff6d3ff8ffc57f0f00e69e0c007903efffd533edffecd1110
07d691a00d655eeff8866dcff57261000c78d2e00822ef3ff6369c4ffcd08070035344b00af21020083b6a1ffe2d$
|| | | | |   "filterLengths" = <112c5400>
|| | | | |   "identifier" = <38306364>
|| | | | |   "AAPL,phandle" = <7f000000>
|| | | | |   "name" = <64632d38303030303000>
|| | | | | }
|| | | | | +-o dc-240000 <class AppleAOPAudioDeviceNode, id 0x10000017f, registered, matched, active, busy 0
(0 ms), retain 10>
|| | | | | {
|| | | | |   "latency" = <0f000000>
|| | | | |   "compatible" = <617564696f2d616f702d70646d3200>
|| | | | |   "ratios" = <0f050200>
|| | | | |   "coefficients" =
<8803000082080000511200000a230000ce3d00009766000043a200009cf60000536a0100e60402007ece0200aefc03
002e1105007d9b060075760800d8a80a00d2370d0082261000867513009722170039281b00897d1f002e16240069e228
0056cf2d0051c7320080b237008773c004cfc4000d926450047de4800a00b4c00c19a4e001f7b500068a05100060352
004a2500004caf0000c0070200459904009a8408007d380d005f1a1100d981110080440b008ee5fbffca32e3ff52c7c4ffa
6bca8ff83e69affb85ba8ff6baedbffe7d838002442ba00332050016edce201422358022c509902cffaffff530affff6623fbffa
03ef4ffe66$
|| | | | |   "filterLengths" = <472c5400>
|| | | | |   "identifier" = <34326364>
|| | | | |   "AAPL,phandle" = <80000000>
|| | | | |   "name" = <64632d3234303030303000>
|| | | | | }
|| | | | | +-o audio-hp <class AppleAOPAudioDeviceNode, id 0x100000180, registered, matched, active, busy 0 (0
ms), retain 9>
|| | | | | {
|| | | | |   "name" = <617564696f2d687000>
|| | | | |   "AAPL,phandle" = <81000000>
|| | | | |   "identifier" = <69617068>
|| | | | |   "compatible" = <617564696f2d616f702d687000>
|| | | | |   "device_type" = <617564696f2d616f702d687000>
|| | | | | }
|| | | | | +-o AppleAOPAudioClientManager <class AppleAOPAudioClientManager, id 0x1000007b3, registered,
matched, active, busy 0 (0 ms), retain 8>
|| | | | | {
|| | | | |   "IOClass" = "AppleAOPAudioClientManager"
|| | | | |   "CFBundleIdentifier" = "com.apple.driver.AppleAOPAudio"
|| | | | |   "IOProviderClass" = "AppleAOPAudioDeviceNode"
|| | | | |   "IOPowerManagement" =
{"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | |   "IOResourceMatch" = "IOKit"
|| | | | |   "IONameMatch" = ("audio-hp","audio-aop-ldcm","audio-aop-hawking","audio-leap-internal-
loopback","audio-leap-mca-loopback","audio-aop-speaker-manager")
|| | | | |   "IOProbeScore" = 0x0
|| | | | |   "IOMatchedAtBoot" = Yes
|| | | | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | |   "IONameMatched" = "audio-hp"
|| | | | |   "IOPersonalityPublisher" = "com.apple.driver.AppleAOPAudio"
|| | | | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleAOPAudio"
|| | | | |   "id0" = "hpa"
|| | | | |   "IOFunctionParent00000081" = <>
|| | | | | }
|| | | | | +-o audio-lp-mic-in <class AppleAOPAudioDeviceNode, id 0x100000181, registered, matched, active, busy
0 (7 ms), retain 9>
|| | | | | {
|| | | | |   "name" = <617564696f2d6c702d6d69632d696e00>
|| | | | |   "AAPL,phandle" = <82000000>
|| | | | |   "identifier" = <6961706c>
|| | | | |   "compatible" = <617564696f2d616f702d6c702d6d69632d696e00>
|| | | | |   "device_type" = <617564696f2d616f702d6c702d6d69632d696e00>
|| | | | | }
|| | | | | +-o AppleAOPAudioLPMicInDevice <class AppleAOPAudioLPMicInDevice, id 0x1000007b4, registered,
matched, active, busy 0 (0 ms), retain 7>
|| | | | | {
|| | | | |   "IOClass" = "AppleAOPAudioLPMicInDevice"
|| | | | |   "supportsHistoricalData" = 0x1
|| | | | |   "IOPersonalityPublisher" = "com.apple.driver.AppleAOPAudio"
```

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|| | | | "IOResourceMatch" = "IOKit"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOPowerManagement" =
{"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | "IOProviderClass" = "IOService"
|| | | | "IOFunctionParent00000082" = <>
|| | | | "channelStatus" = (0x0,0x0,0x0,0x0)
|| | | | "clockDomain" = 0x6d61696e
|| | | | "channels per frame" = 0x3
|| | | | "IOProbeScore" = 0x0
|| | | | "channelControl" = (0x7,0x7,0x1,0x7)
|| | | | "id0" = "lpai"
|| | | | "listening enabled" = 0x0
|| | | | "device input latency in frames" = 0x1
|| | | | "bytes per sample" = 0x2
|| | | | "IONameMatch" = ("audio-lp-mic-in","audio-aop-lp-mic-in")
|| | | | "state" = "idle"
|| | | | "listening on gesture supported" = 0x0
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleAOPAudio"
|| | | | "input samples per sec" = 0x3e80
|| | | | "frames per packet" = 0x1
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleAOPAudio"
|| | | | "zero timestamp wrap frames" = 0xc80
|| | | | "IONameMatched" = "audio-lp-mic-in"
|| | | | "historicDataSupported" = 0x1
|| | | | "historicalBytesSinceWake" = 0x0
|| | | | "driver safety offset in frames" = 0x400
|| | | | }
|| | | | +-o AppleAOPAudioUserClient <class AppleAOPAudioUserClient, id 0x100000b26, !registered, !matched,
active, busy 0, retain 5>
|| | | | {
|| | | | | "IOUserClientCreator" = "pid 445, coreaudiod"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | +-o AOPEndpoint9 <class RTBuddyEndpointService, id 0x1000004b9, registered, matched, active, busy 0 (16
ms), retain 7>
|| | | | |{
|| | | | |}
|| | | | |
|| | | | | +-o AppleSPU@1000007 <class AppleSPU, id 0x1000004c1, registered, matched, active, busy 0 (11 ms),
retain 8>
|| | | | | {
|| | | | | | "IOClass" = "AppleSPU"
|| | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPU"
|| | | | | | "IOProviderClass" = "RTBuddyEndpointService"
|| | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
|| | | | | | "IOProbeScore" = 0x0
|| | | | | | "IONameMatch" =
("AOPEndpoint1","AOPEndpoint2","AOPEndpoint3","AOPEndpoint4","AOPEndpoint5","AOPEndpoint6","AOPEndpoint7","AOP
Endpoint8","AOPEndpoint9","AOPEndpoint10","AOPEndpoint11","AOPEndpoint12","AOPEndpoint13","AOPEndpoint14","AOP
Endpoint15","AOPEndpoint16","AOPEndpoint17","AOPEndpoint18","AOPEndpoint19","AOPEndpoint20","AOPEndpoint21","AOP
Endpoint22","AOPEndpoint23","AOPEndpoint24","AOPEndpoint25","AOPEndpoint26","AOPEndpoint27","SPUEndpoint1","SP
UEndpoint2","SPUEndpoint3","SPUEndpoint4","SPUEndpoint5","SPUEndp$
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | "IOReportLegend" = {"IOReportGroupName"="AOP endpoint
40","IOReportChannels"=((0x57414b4530303030,0x100020001,"spu_none"),
(0x57414b4530303031,0x100020001,"spu"),(0x57414b4530303032,0x100020001,"spu_queue_overflow_ep"),
(0x57414b4530303033,0x100020001,"spu_osmium"),(0x57414b4530303034,0x100020001,"spu_platinum"),
(0x57414b4530303035,0x100020001,"spu_activity_alarm"),
(0x57414b4530303036,0x100020001,"spu_sedentary_alarm"),(0x57414b4530303037,0x100020001,"spu_gesture"),
(0x57414b4530303038,0x100020001,"spu_touch"),(0x57414b$
|| | | | | | "IOReportLegendPublic" = Yes
|| | | | | | "rx queue size" = 0x4000
|| | | | | | "IONameMatched" = "AOPEndpoint9"
|| | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPU"
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPU"
|| | | | | | "tx queue size" = 0x4000
|| | | | | | }
|| | | | | | }
|| | | | | | +-o aop-voicetrigger <class AppleSPUAppInterface, id 0x1000007a0, registered, matched, active, busy 0 (3
ms), retain 9>
|| | | | | | {
|| | | | | | | "DebugState" = {"_aop_latency"=0x1,"_ap_latency"=0x8b}
|| | | | | | | "IOUserClientClass" = "AppleSPUUserClient"
|| | | | | | | "service_id" = 0x10000007
|| | | | | | | "IOReportLegendPublic" = Yes
|| | | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x2}
|| | | | | | | "IOReportLegend" =
{"IOReportGroupName"="AOP","IOReportChannels"=((0x4e554d2052452030,0x100020001,"Ready reports"),
(0x4e554d2052452031,0x100020001,"Gyro reports"),(0x4e554d2052452032,0x100020001,"Accel reports"),
(0x4e554d2052452033,0x100020001,"Compass reports"),(0x4e554d2052452034,0x100020001,"HID reports"),
(0x4e554d2052452039,0x100020001,"Grape reports"),(0x4e554d2052452041,0x100020001,"Platinum reports"),
(0x4e554d2052452042,0x100020001,"Lisa reports"),(0x4e554d2052452043,0x100020001,"ALS reports"),
(0x4e554d20524$
|| | | | | | | }
|| | | | | | | }
|| | | | | | | +-o AppleAOPVoiceTriggerController <class AppleAOPVoiceTriggerController, id 0x1000007aa, registered,
matched, active, busy 0 (0 ms), retain 7>
|| | | | | | | {
|| | | | | | | | "IOClass" = "AppleAOPVoiceTriggerController"
|| | | | | | | | "VTIdentity" = "AppleAOPVoiceTrigger-1"
|| | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleAOPVoiceTrigger"
|| | | | | | | | "IOResourceMatch" = "IOKit"
|| | | | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | | | | "IOProviderClass" = "AppleSPUAppInterface"
|| | | | | | | | "VTLastTriggerSampleTime" = 0x0
|| | | | | | | | "IOProbeScore" = 0x0
|| | | | | | | | "IOUserClientClass" = "AppleAOPVoiceTriggerUserClient"
|| | | | | | | | "VTLastTriggerTime" = 0x0
|| | | | | | | | "VTConfigured" = No

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|| | | "VTTriggerCount" = 0x0
|| | | "IONameMatch" = ("aop-voicetrigger")
|| | | "VTLastWakeReason" = "unkn"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleAOPVoiceTrigger"
|| | | "voice trigger supported" = 0x1
|| | | "IOMatchCategory" = "AppleAOPVoiceTriggerController"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleAOPVoiceTrigger"
|| | | "IONameMatched" = "aop-voicetrigger"
|| | | "voice trigger configured" = 0x0
|| | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | "VTSupported" = Yes
|| | | "voice trigger enabled" = 0x0
|| | | "VTEnabled" = No
|| | | }
|| | | }
|| | | +-o AppleAOPVoiceTriggerUserClient <class AppleAOPVoiceTriggerUserClient, id 0x100000b27, !
registered, !matched, active, busy 0, retain 5>
|| | | {
|| | | | "IOUserClientCreator" = "pid 445, coreaudiod"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | }
|| | | +-o dart-aop@4A808000 <class AppleARMIODevice, id 0x100000182, registered, matched, active, busy 0 (227
ms), retain 11>
|| | | {
|| | | | "IOInterruptSpecifiers" = (<2c010000>)
|| | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)", "IOReportChannels"=(("0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
|| | | | "clock-gates" = <>
|| | | | "AAPL,phandle" = <83000000>
|| | | | "bypass" = <00800000>
|| | | | "instance" = <465041444441525400000000>
|| | | | "IODeviceMemory" = ({"address"=0x24a80800,"length"=0x4000}),
({"address"=0x24a80c000,"length"=0x4000}))
|| | | | "IOReportLegendPublic" = Yes
|| | | | "tlb-invalid-refetch" = <>
|| | | | "dart-options" = <05000000>
|| | | | "filter-data-instance-0" =
<00c0452b0200000003c0452b0200000000301000100000020001f3d020000005b001f3d020000000030100010000
0080081f3d0200000050c01f3d020000000003010001000000000243d020000007303243d020000000003010001000
0000040283d02000000eb40283d0200000000301000100000060c0293d02000000e3c0293d020000000030100010
0000000402b3d02000000a3432b3d0200000000301000100000014002c3d0200000017002c3d0200000000301000
1000000000443e020000000300443e02000000003010001000000>
|| | | | "IOInterruptControllers" = ("IOInterruptController00000070")
|| | | | "name" = <646172742d616f7000>
|| | | | "interrupt-parent" = <70000000>
|| | | | "retention" = <>
|| | | | "compatible" = <646172742c743830323000>
|| | | | "interrupts" = <2c010000>
|| | | | "page-size" = <00400000>
|| | | | "diag-config" = <00210080>
|| | | | "bypass-address" = <00000000000000000000000000000002>
|| | | | "vm-base" = <00000300>
|| | | | "dart-tunables-instance-0" =
<6000000004000000061008000000000061008000000006400000004000000ffff0f00000000d4d02300000000
00680000000040000000f0f0f0000000000f0f0f0000000006c00000004000000ffff000000000080808000000000
0>
|| | | | "error-reflector" = <00c0ff3c02000000>
|| | | | "device_type" = <6461727400>
|| | | | "power-gates" = <>
|| | | | "reg" = <0080804a000000000400000000000000c0804a00000000040000000000000>
|| | | | "sids" = <83800000>
|| | | | }
|| | | | }
|| | | | +-o AppleT8020DART <class AppleT8020DART, id 0x1000002af, registered, matched, active, busy 0 (48 ms),
retain 24>
|| | | | {
|| | | | | "IOClass" = "AppleT8020DART"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | | "IOPlatformActiveAction" = 0x13880
|| | | | | "IOUserClientClass" = "IODARTClient"
|| | | | | "IOPlatformSleepAction" = 0x13880
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IONameMatch" = "dart,t8020"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "IOFunctionParent00000083" = <>
|| | | | | "IONameMatched" = "dart,t8020"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | | | "iommu-dart-identity" = <83000000>
|| | | | }
|| | | | }
|| | | | +-o mapper-aop@0 <class IODARTMapperNub, id 0x100000183, registered, matched, active, busy 0 (35 ms),
retain 8>
|| | | | {
|| | | | | "device_type" = <646172742d6d617070657200>
|| | | | | "reg" = <00000000>
|| | | | | "name" = <6d61707065722d616f7000>
|| | | | | "AAPL,phandle" = <84000000>
|| | | | | "compatible" = <696f6d6d752d6d617070657200>
|| | | | | }
|| | | | | }
|| | | | | +-o IODARTMapper <class IODARTMapper, id 0x1000003a8, registered, matched, active, busy 0 (11 ms), retain
33>
|| | | | | {
|| | | | | | "IOClass" = "IODARTMapper"
|| | | | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | | | | | "IOProviderClass" = "IODARTMapperNub"
|| | | | | | "iommu-dart-translation" = Yes
|| | | | | | "IOUserClientClass" = "IODARTMapperClient"
|| | | | | | "IOProbeScore" = 0x0
|| | | | | | "IONameMatch" = "iommu-mapper"
```



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    || || "function-perf-boost" =
<409c00002000004443535f5057525f47415445000000030750000060000004443535f434c4b5f47415445000000
0010270000170b0000494d585f5057525f474154450000000a86100000000000043504d5f5057525f47415445000000
00204e0000030200004443535f504552465f424f4f535400001027000008050000534d585f5057525f47415445000000
001027000007000000414d43435f5057525f47415445000000>
    || || "clusters" = <040000004000000>
    || || "aes-domain-hack" = <00000000>
    || || "voltage-states11" = <010000006a02000001000000d5020000010000003c030000>
    || || "nominal-performance1" = <31c00000>
    || || "optional-bridge-mask" = <00600000>
    || || "amx-thrtl" = <01000000>
    || || "device_type" = <706d677200>
    || || "cpu-fixed-freq-pll-relock" = <01000000>
    || || "voltage-states1-sram" =
<0046c32303030000008bef390303000000b5644f2003000000fa9065770300000024067bc2030000>
    || || "dcs-tvm" = <01000000>
    || || "perf-domains" =
<00040001000000002c010000534f430000000000000000000000000000000101010200000000000000004543505500000
0000000000000000002040003000000002c01000044435300000000000000000000000000000000050101050000000000
00000050435055000000000000000000000000000000000000000000000000000000000000000000000000000000000
000b04000b000000002c0100004449535000000000000000000000000000>
    || || "noise-hack" = <00000000>
    || || "clpc" = <03000000>
    || || "pmgr-dock-fifo-channel" = <03000000>
    || || "soc-dpe" = <01000000>
    || || "function-mcc_ctrl" = <6f000000246d654d>
    || || }
    || || }
    || | +-o AppleT8103PMGR <class AppleT8103PMGR, id 0x100002b0, registered, matched, active, busy 0 (244 ms),
retain 40>
    || | | {
    || | | "IOClass" = "AppleT8103PMGR"
    || | | "IOPlatformSleepAction" = 0x258
    || | | "AppleARMPerformanceControllerDVDThresholdUS1" = 0x3e8
    || | | "AppleARMPerformanceControllerDVDFactor1-slowloop" = 0x10000
    || | | "IOPlatformPanicAction" = 0x3e8
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8103PMGR"
    || | | "IOMatchedAtBoot" = Yes
    || | | "AppleARMPerformanceControllerDVDFactor1-ipm" = 0x10000
    || | | "IOReportLegendPublic" = Yes
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "IOFunctionParent00000087" = <>
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = "pmgr1,t8103"
    || | | "IOPlatformHaltRestartAction" = 0x15f90
    || | | "AppleARMPerformanceControllerDVDFactor1-upo" = 0x10000
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103PMGR"
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleT8103PMGR"
    || | | "IONameMatched" = "pmgr1,t8103"
    || | | "IOPlatformActiveAction" = 0x15f90
    || | | "IOPlatformQuiesceAction" = 0x15f90
    || | | "AppleARMPerformanceControllerDVDFactor1-hip" = 0x10000
    || | | "AppleARMPerformanceControllerDVDFactor1" = 0x10000
    || | | "IOReportLegend" = {"IOReportGroupName"="CPU
Stats","IOReportChannels"=((0x43505520564f4c54,0x500020002,"ECPU")),,"IOReportChannelInfo"={"IOReportChannelU
nit"=0x100007980000018,"IOReportSubGroupName"="CPU Complex Voltage States"},,"IOReportGroupName"="CPU
Stats","IOReportChannels"=((0x4543505530000000,0x600020002),(0x4543505531000000,0x600020002),
(0x4543505532000000,0x600020002),
(0x4543505533000000,0x600020002)),,"IOReportChannelInfo"={"IOReportChannelUnit"=0x100007980000018,"IORepor
tSubGroupName"="CPU Core Performance State$
    || | | "MtrPolynomGFX" =
<010000002c0000007c2af501bd9f0900cfa3ff01e74dff0199aa13008d2bec01848a0300f56bf80104ae0800fcb9fc01fcb9f
c01040000002c000000f0cf00115cf0b0063a30000c6e6fe017a7df1f00571be401f4b304000d39f30150f40a0070c4fc017
0c4fc01>
    || | | "AppleARMPerformanceControllerDVDPeriodUS1" = 0x1f40
    || | | "IOPlatformWakeAction" = 0x258
    || | | }
    || | | }
    || | +-o clpc <class ApplePMGRNub, id 0x100000187, registered, matched, active, busy 0 (243 ms), retain 8>
    || | | {
    || | | "function-ane_perf_ctr" = <f200000052434e41>
    || | | "events" = <30000003500000036000000370000003900000041000000420000006000000065000000>
    || | | "compatible" = <636c70632c743831303300>
    || | | "device_type" = <636c706300>
    || | | "clpc-match-version" = 0x3
    || | | "devices" = <36010000370100003801000039010000>
    || | | "name" = <636c706300>
    || | | "AAPL,phandle" = <88000000>
    || | | }
    || | | }
    || | +-o AppleCLPC <class AppleCLPC, id 0x100000318, registered, matched, active, busy 0 (0 ms), retain 5>
    || | | {
    || | | "`pkg-lowpeak-limiter-ki" = 0xded3
    || | | "#clpc-analysis-level" = 0x0
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8103CLPCv3"
    || | | "IOPlatformSleepAction" = 0x1f4
    || | | "#cpu-core-mask-cluster-0" = 0xf
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "~pkg-power-split-gpu-fraction" = 0x8000
    || | | "~pkg-power-split-ane-fraction" = 0x0
    || | | "#cpu-core-mask-cluster-1" = 0xf0
    || | | "pkg-avg-limiter-ki" = 0x757
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOProbeScore" = 0x0
    || | | "IOClass" = "AppleCLPC"
    || | | "#pkg-lowpeak-limiter-input-tc" = 0x14
    || | | "~pkg-avg-max-power" = 0x320000
    || | | "#pkg-avg-limiter-input-tc" = 0x3e8
    || | | "IOReportLegend" = {"IOReportGroupName"="CLPC
Stats","IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportChannels"=((0x45566e64,0x100020001,"Dropped
Events"),(0x145566e69,0x100020001,"Event interrupts"),(0x2505a7061,0x100020001,"Package power zones engaged
time, any"),(0x350667665,0x100020001,"Package 1s power pre-split floor engaged time"),
(0x4507a6361,0x100020001,"CPU power zones engaged time, any"),(0x54b6e6754,0x100020001,"Package estimated
energy"),(0x643637954,0x100020001,"CPU cycles, all clusters"),(0x84369$
    || | | "IOUserClientClass" = "AppleCLPCUserClient"
    || | | "IONameMatched" = "clpc,t8103"
    || | | "`pkg-lowpeak-limiter-kp" = 0x5bc0
    || | | }
```



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(0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64,0x64)
| | | "UseFlagPsMaxFusion" = 0x0
| | | "OverrideBatteryInputTimeScales" = (0x0,0x0,0x0)
| | | "UseFilterRatioUpPs" = 0x0
| | | "IOMatchedAtBoot" = Yes
| | | "SystemCapabilityFilterConstants" = (0x0,0x0,0x0,0x0,0x0,0x0)
| | | "Client6Carrots" = 0x0
| | | "CFusionGains" = (0x0,0x0,0x0,0x0)
| | | "OverrideUndroopControlEffort" = 0x0
| | | "UseOverrideOperationMode" = 0x0
| | | "UseASBFastBatteryInput" = 0x0
| | | "UseOverrideBatteryInputTemp" = 0x0
| | | "UseVoltageThreshold" = 0x0
| | | "OverrideBatteryInputPuCutoffVoltage" = 0x0
| | | "OverrideBatteryInputMeasuredPb" = 0x0
| | | "OverrideDeltaVoltageTargetVdroop" = 0x0
| | | "UseOverridePowerServoControlEfforts" = 0x0
| | | "filterRatioUpPs" = 0x0
| | | }
| | |
| | | +-o nco@3B044000 <class AppleARMIODevice, id 0x10000018a, registered, matched, active, busy 0 (78 ms),
retain 8>
| | | {
| | | | "reg" = <0040043b0000000004001000000000>
| | | | "compatible" = <6e636f2c7438313031006e636f2c73356c383936307800>
| | | | "pmgr-nco-page-size" = <00400000>
| | | | "IODeviceMemory" = (({"address"=0x23b044000,"length"=0x14000}))
| | | | "clock-ids" = <48010000490100004a0100004b010000>
| | | | "device_type" = <6e636f00>
| | | | "AAPL,phandle" = <8b000000>
| | | | "name" = <6e636f00>
| | | }
| | |
| | | +-o AppleS5L8960XNCO <class AppleS5L8960XNCO, id 0x1000002b1, registered, matched, active, busy 0 (0
ms), retain 7>
| | | {
| | | | "IOClass" = "AppleS5L8960XNCO"
| | | | "CFBundleIdentifier" = "com.apple.driver.AppleS5L8960XNCO"
| | | | "IOProviderClass" = "AppleARMIODevice"
| | | | "IOPlatformActiveAction" = 0x14c08
| | | | "IOProbeScore" = 0x0
| | | | "IONameMatch" = "nco,s5l8960x"
| | | | "IOMatchedAtBoot" = Yes
| | | | "IOMatchCategory" = "IODefaultMatchCategory"
| | | | "IOFunctionParent0000008B" = <>
| | | | "IONameMatched" = "nco,s5l8960x"
| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleS5L8960XNCO"
| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleS5L8960XNCO"
| | | }
| | |
| | | +-o event-log-handler@3B700000 <class AppleARMIODevice, id 0x10000018b, registered, matched, active, busy 0
(210 ms), retain 8>
| | | {
| | | | "event-logs" =
| | | | <000000000000000a4c0050000000000000000000a006000010000000100000008c305000100000010000004800
0300010000000100000004c80600020000000200000000800200020000000402c3b00000000040000000000000802c3b00000000000004000
0c007000400000004000000f03f0000050000000f03f000060000000600000f03f000070000007000000
f03f000080000000800000f00f000090000000900000f00f0000a000000a000000f00f0000b000000b00000
f00f0000c000000c00000f00f0000d000000d00000f00f0000e000000e00000f00f00000f000000f00000
000180000>
| | | | "compatible" = <6576656e742d6c6f672d68616e646c65722c743831303100>
| | | | "interrupt-parent" = <70000000>
| | | | "AAPL,phandle" = <8c000000>
| | | | "interrupts" =
| | | | <ae00000af00000bb00000c9000000a000000d0000001000000290000002a0000002b0000002c0000002d000
0002e0000002f000000300000009a010000>
| | | | "reg" =
| | | | <0000703b000000000c0080000000000000283d00000000040070000000000000003b000000000000700000
00000000203d00000000000800000000000000402c3b0000000004000000000000000000000000802c3b00000000004000
00000000000c02c3b00000000040000000000000002c3b000000000400000000000000283b00000000008
00000000000080283b00000000008000000000000000293b000000008000000000000080293b0000000
0080000000000000002a3b000000008000000000000000802a3b0000000080000000000000002b3b000
000008000000000000080866b00000000400000000000>
| | | | "IOInterruptSpecifiers" =
| | | | (<ae000000>,<af000000>,<bb000000>,<c9000000>,<a0000000>,<d0000000>,<10000000>,<29000000>,<2a000000
>,<2b000000>,<2c000000>,<2d000000>,<2e000000>,<2f000000>,<30000000>,<9a010000>)
| | | | "IOInterruptControllers" =
| | | | ("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControll
er00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterru
ptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070",
"IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptContr
oller00000070","IOInterruptController000$
| | | | "device_type" = <6576656e742d6c6f672d68616e646c657200>
| | | | "IODeviceMemory" = (({"address"=0x23b700000,"length"=0x8c000}),
| | | | ({"address"=0x23d280000,"length"=0x74000}),({"address"=0x23b000000,"length"=0x70000}),
| | | | ({"address"=0x23d200000,"length"=0x80000}),({"address"=0x23b2c4000,"length"=0x4000}),
| | | | ({"address"=0x23b2c8000,"length"=0x4000}),({"address"=0x23b2cc000,"length"=0x4000}),
| | | | ({"address"=0x23b2c0000,"length"=0x4000}),({"address"=0x23b280000,"length"=0x8000}),
| | | | ({"address"=0x23b288000,"length"=0x8000}),({"address"=0x23b290000,"length"=0x8000}),
| | | | ({"address"=0x23b298000,"length"=0x8000}),({"ad$
| | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
| | | | "IOReportLegendPublic" = Yes
| | | | "panic-on-event-log-intr" = <01000000>
| | | | "name" = <6576656e742d6c6f672d68616e646c657200>
| | | | }
| | | |
| | | | +-o AppleEventLogHandler <class AppleEventLogHandler, id 0x1000002b5, !registered, !matched, active, busy 0,
retain 4>
| | | | {
| | | | | "IOClass" = "AppleEventLogHandler"
| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleEventLogHandler"
| | | | | "IOProviderClass" = "AppleARMIODevice"
| | | | | "IOPlatformActiveAction" = 0x157c0

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    | | | "IOPlatformQuiesceAction" = 0x157c0
    | | | "IOProbeScore" = 0x0
    | | | "IONameMatch" = "event-log-handler,t8101"
    | | | "IOMatchedAtBoot" = Yes
    | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | "IONameMatched" = "event-log-handler,t8101"
    | | | "IOPersonalityPublisher" = "com.apple.driver.AppleEventLogHandler"
    | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEventLogHandler"
    | | | }
    | | | }
    | | | +-o pmp@3BC00000 <class AppleARMIODevice, id 0x1000018c, registered, matched, active, busy 0 (277 ms),
retain 9>
    | | | | {
    | | | | | "pio-vm-size" = <00000040>
    | | | | | "segment-ranges" =
<0000503b0200000000000001000000000000503b0200000000c002000300000000c0523b0200000000c002010000
000000c0523b020000000000300060000000>
    | | | | | "iop-version" = <01000000>
    | | | | | "clock-gates" = <5f00000060000000>
    | | | | | "AAPL,phandle" = <8d000000>
    | | | | | "IOInterruptSpecifiers" = (<00020000>,<ff010000>,<02020000>,<01020000>)
    | | | | | "IODeviceMemory" = ({("address"=0x23bc00000,"length"=0x60000)},
({"address"=0x23b850000,"length"=0x200000}),({"address"=0x23b500000,"length"=0x80000}),
({"address"=0x200024000,"length"=0x4000}),({"address"=0x200064000,"length"=0x4000}),
({"address"=0x2000a4000,"length"=0x4000}),({"address"=0x2000e4000,"length"=0x4000}),
({"address"=0x200158000,"length"=0x4000}),({"address"=0x200204000,"length"=0x4000}),
({"address"=0x200244000,"length"=0x4000}),({"address"=0x200284000,"length"=0x4000}),
({"address"=0x2002c4000,"length"=0x4000}),{"ad$
    | | | | | "IOReportLegendPublic" = Yes
    | | | | | "segment-names" = <5f5f544558543b5f5f4441544100>
    | | | | | "iommu-parent" = <90000000>
    | | | | | "pio-vm-base" = <000000c0>
    | | | | | "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptControlle
r00000070")
    | | | | | "name" = <706d7000>
    | | | | | "interrupt-parent" = <70000000>
    | | | | | "compatible" = <696f702c617363777261702d763400>
    | | | | | "interrupts" = <00020000ff010000020200001020000>
    | | | | | "clock-ids" = <>
    | | | | | "role" = <504d5000>
    | | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(("0x496e747200020000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200020003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
    | | | | | "device_type" = <706d7000>
    | | | | | "power-gates" = <5f00000060000000>
    | | | | | "reg" =
<0000c03b000000000000060000000000000853b0000000000020000000000000503b00000000000800000
0000000400200000000004000000000000040006000000000040000000000000400000000000000400a0000000000040000
0000000000400e00000000000400000000000008015000000000004000000000000040200000000000004
000000000000040240000000000400000000000040280000000004000000000000402c000000000
0004000000000000000000000000000000000000000000000000000000000000000000000000000000000
0000000000000000000000000000000000000000000000000000000000000000000000000000000000000$
    | | | | | "pio-reg-index" = <03000000>
    | | | | | }
    | | | | | }
    | | | | | +-o AppleASCWrapV4 <class AppleASCWrapV4, id 0x100002b6, !registered, !matched, active, busy 0 (50 ms),
retain 5>
    | | | | | | {
    | | | | | | | "IOProbeScore" = 0x0
    | | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP"
    | | | | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | | | | "IOClass" = "AppleASCWrapV4"
    | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP"
    | | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP"
    | | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | | "IONameMatch" = "iop,ascwrap-v4"
    | | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | | "IONameMatched" = "iop,ascwrap-v4"
    | | | | | | | "role" = "PMP"
    | | | | | | | }
    | | | | | | }
    | | | | | +-o iop-pmp-nub <class AppleA7IOPNub, id 0x1000018d, registered, matched, active, busy 0 (64 ms), retain 7>
    | | | | | | | {
    | | | | | | | | "segment-names" = <5f5f544558543b5f5f4441544100>
    | | | | | | | | "pre-loaded" = <01000000>
    | | | | | | | | "compatible" = <696f702d6e75622c727462756464792d763200>
    | | | | | | | | "coredump-enable" = <40000000>
    | | | | | | | | "AAPL,phandle" = <8e000000>
    | | | | | | | | "sram-index" = <01000000>
    | | | | | | | | "firmware-name" = <7438313033706d7000>
    | | | | | | | | "region-base" = <0000503b02000000>
    | | | | | | | | "KDebugCoreID" = 0xd
    | | | | | | | | "region-size" = <0000080000000000>
    | | | | | | | | "dram-capacity" = <08000000>
    | | | | | | | | "segment-ranges" =
<0000503b0200000000000001000000000000503b0200000000c002000300000000c0523b0200000000c002010000
000000c0523b0200000000000300060000000>
    | | | | | | | | "energy-model-dram-configs" =
<0800000006000000cc4c1a009999000066660700000010033b308000080580066e6540033330b00cccc000066661
700666623000080010099990f0066e6010033b31100cc4cb4009919aa0000801400cccc0000cccc2e00cccc250000800
1003333120066e6010000001400cc4cf2003333d20033b31600cccc00003333440008000000ff000000cc4c0f0cc4c0
00066e605000000100333307006666a0066e6470033b3090000800000666617009999160000800000cc4c0c00ccc
c010000800e009919bd0033b39b003333100008000000cccc2e0099191a0000800000cc4c0cf00cccc01000000120033b
30e013333cc006666130000$
    | | | | | | | | "name" = <696f702d706d702d6e756200>
    | | | | | | | | "user-power-managed" = <01000000>
    | | | | | | | | }
    | | | | | | }
    | | | | | +-o RTBuddyV2 <class RTBuddyV2, id 0x1000041b, registered, matched, active, busy 0 (34 ms), retain 18>
    | | | | | | | {
    | | | | | | | | "IOClass" = "RTBuddyV2"
    | | | | | | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
    | | | | | | | | "IOProviderClass" = "AppleA7IOPNub"
    | | | | | | | | "IOPlatformPanicAction" = 0x15ba8
```

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    | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8002,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
    | | | | "IOUserClientClass" = "RTBuddyUserClient"
    | | | | "IOProbeScore" = 0x0
    | | | | "IONameMatch" = "iop-nub,rtbuddy-v2"
    | | | | "IOMatchedAtBoot" = Yes
    | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | "IOReportLegend" =
({"IOReportGroupName"="PMP","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),IOReportChannel
Info="{IOReportChannelUnit"=0x100007980000018},IOReportSubGroupName="IOP State"})
    | | | | "IOReportLegendPublic" = Yes
    | | | | "FirmwareUUID" = "e5793aed-f7b9-3363-a887-f3bd25c617e3"
    | | | | "FirmwareVersion" = "not set"
    | | | | "IONameMatched" = "iop-nub,rtbuddy-v2"
    | | | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
    | | | | "role" = "PMP"
    | | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
    | | | | "RTKitVersion" = "RTKit-1827.120.2.release"
    | | | | }
    | | | | }
    | | | | +-o ApplePMPFirmware <class ApplePMPFirmware, id 0x100000427, registered, matched, active, busy 0 (2
ms), retain 5>
    | | | | {
    | | | | | "IOPropertyMatch" = {"role"="PMP"}
    | | | | | "CFBundleIdentifier" = "com.apple.driver.ApplePMPFirmware"
    | | | | | "IOMatchCategory" = "RTBuddyFirmwareService"
    | | | | | "IOClass" = "ApplePMPFirmware"
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.ApplePMPFirmware"
    | | | | | "IOProviderClass" = "RTBuddy"
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.ApplePMPFirmware"
    | | | | | "IOProbeScore" = 0x0
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "Role" = "PMP"
    | | | | | }
    | | | | | }
    | | | | +-o RTBuddyService <class RTBuddyService, id 0x100000428, registered, matched, active, busy 0 (0 ms),
retain 5>
    | | | | {
    | | | | | "IOProbeScore" = 0x0
    | | | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
    | | | | | "IOMatchCategory" = "RTBuddyService"
    | | | | | "IOClass" = "RTBuddyService"
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
    | | | | | "IOProviderClass" = "RTBuddy"
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "role" = "PMP"
    | | | | | }
    | | | | | }
    | | | | +-o RTBuddyIOReportingEndpoint <class RTBuddyIOReportingEndpoint, id 0x100000447, registered, matched,
active, busy 0 (0 ms), retain 7>
    | | | | {
    | | | | | "IOReportLegend" =
({"IOReportGroupName"="PMP","IOReportChannels"=((0x5254494f75636e00,0x180000001,"update count"),
(0x5254494f6c757000,0x180000001,"last
update")),IOReportChannelInfo="{IOReportChannelUnit"=0x0},IOReportSubGroupName="IO Reporting statistics"},
{"IOReportGroupName"="PMP","IOReportChannels"=((0x525444757479436c,0x100020001,"Duty
cycle")),IOReportChannelInfo="{IOReportChannelUnit"=0x0},IOReportSubGroupName="Power"},
{"IOReportGroupName"="PMP","IOReportChannels"=((0x5254536c70436e74,0x100020001,"Sleep $
| | | | | "IOReportLegendPublic" = Yes
    | | | | | }
    | | | | | }
    | | | | +-o PMPEndpoint1 <class RTBuddyEndpointService, id 0x100000448, registered, matched, active, busy 0 (20
ms), retain 7>
    | | | | {
    | | | | }
    | | | | }
    | | | | +-o ApplePMP <class ApplePMP, id 0x100000485, registered, matched, active, busy 0 (3 ms), retain 6>
    | | | | {
    | | | | | "IOClass" = "ApplePMP"
    | | | | | "CFBundleIdentifier" = "com.apple.driver.ApplePMP"
    | | | | | "IOProviderClass" = "RTBuddyEndpointService"
    | | | | | "IOPlatformWakeAction" = 0x262
    | | | | | "IOUserClientClass" = "ApplePMPUserClient"
    | | | | | "IOPlatformSleepAction" = 0x262
    | | | | | "IOProbeScore" = 0x1
    | | | | | "IONameMatch" = "PMPEndpoint1"
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | "IOFunctionParent0000008E" = <>
    | | | | | "IONameMatched" = "PMPEndpoint1"
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.ApplePMP"
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.ApplePMP"
    | | | | | }
    | | | | }
    | | | | +-o dart-pmp@3B300000 <class AppleARMIODevice, id 0x10000018e, registered, matched, active, busy 0 (210
ms), retain 9>
    | | | | {
    | | | | | "sids" = <01800000>
    | | | | | "reg" = <0000303b000000000040000000000000>
    | | | | | "IOInterruptSpecifiers" = (<03020000>)
    | | | | | "clock-gates" = <>
    | | | | | "AAPL,phandle" = <8f000000>
    | | | | | "bypass" = <00800000>
    | | | | | "instance" = <545241444415254000000000>
    | | | | | "IODeviceMemory" = ({("address"=0x23b300000,"length"=0x4000)})
    | | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)",
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)",
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
    | | | | | "tlb-invalid-refetch" = <>
    | | | | | "dart-options" = <0d000000>
    | | | | | "IOReportLegendPublic" = Yes
    | | | | | "pio-vm-base" = <000000c0>
    | | | | | "IOInterruptControllers" = ("IOInterruptController00000070")
    | | | | | "name" = <646172742d706d7000>
    | | | | | "interrupt-parent" = <70000000>

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    || | "compatible" = <646172742c743830323000>
    || | "page-size" = <00400000>
    || | "interrupts" = <03020000>
    || | "diag-config" = <00210080>
    || | "bypass-address" = <00000000000000000000000000000000>
    || | "dart-tunables-instance-0" =
<6000000000400000000610080000000000000061008000000000040000000f0f0f0000000000f0f0f000000000
006c000000004000000ffff00000000000808080000000000>
    || | "pio-granularity" = <00000001>
    || | "error-reflector" = <00c0ff3c02000000>
    || | "device_type" = <6461727400>
    || | "power-gates" = <>
    || | "vm-size" = <0000f0bf>
    || | "pio-vm-size" = <00000040>
    || | }
    || | }
    || | +-o AppleT8020DART <class AppleT8020DART, id 0x100002b8, registered, matched, active, busy 0 (31 ms),
retain 49>
    || | |{
    || | | "IOClass" = "AppleT8020DART"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "IOPlatformActiveAction" = 0x13880
    || | | "IOUserClientClass" = "IODARTClient"
    || | | "IOPlatformSleepAction" = 0x13880
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = "dart,t8020"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IOFunctionParent0000008F" = <>
    || | | "IONameMatched" = "dart,t8020"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
    || | | "iommu-dart-identity" = <8f000000>
    || | | }
    || | | }
    || | +-o mapper-pmp@0 <class IODARTMapperNub, id 0x10000018f, registered, matched, active, busy 0 (27 ms),
retain 8>
    || | |{
    || | | | "pio-range" =
<00400200020000000004000000000000040060002000000004000000000000000400a000200000000400000000
000000400e000200000000400000000000000008015000200000000400000000000000000001700020000000400000
0000000004020000200000000400000000000000040240002000000004000000000000000402800020000000040
0000000000000402c0002000000004000000000000000d1040200000004000000000000000080051002000000
004000000000000000000801510020000000040000000000000000080251002000000004000000000000000080351002000
0000040000000000000000e21002000000000006000000000000000$
    || | | | "device_type" = <646172742d6d617070657200>
    || | | | "reg" = <00000000>
    || | | | "name" = <6d61707065722d706d7000>
    || | | | "AAPL,phandle" = <90000000>
    || | | | "compatible" = <696f6d6d752d6d617070657200>
    || | | | }
    || | | | }
    || | +-o IODARTMapper <class IODARTMapper, id 0x10000035a, registered, matched, active, busy 0 (11 ms), retain
91>
    || | | {
    || | | "IOClass" = "IODARTMapper"
    || | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
    || | | "IOProviderClass" = "IODARTMapperNub"
    || | | "iommu-dart-translation" = Yes
    || | | "IOUserClientClass" = "IODARTMapperClient"
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = "iommu-mapper"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IONameMatched" = "iommu-mapper"
    || | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
    || | | "IOMapperID" = <90000000>
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
    || | | }
    || | | }
    || | +-o sep@4240000 <class AppleARMIODevice, id 0x100000190, registered, matched, active, busy 0 (11250 ms),
retain 9>
    || | |{
    || | | "IOInterruptSpecifiers" = (<fe000000>,<fd000000>,<00010000>,<ff000000>)
    || | | "aot-power" = <01000000>
    || | | "iop-version" = <01000000>
    || | | "clock-gates" = <>
    || | | "AAPL,phandle" = <91000000>
    || | | "IODeviceMemory" = (({"address"=0x24240000,"length"=0x6c000}),
({"address"=0x242050000,"length"=0x60000}))
    || | | "IOReportLegendPublic" = Yes
    || | | "self-power-gate" = <>
    || | | "iommu-parent" = <97000000>
    || | | "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControle
r00000070")
    || | | "sika-support" = <01000000>
    || | | "name" = <73657000>
    || | | "interrupt-parent" = <70000000>
    || | | "compatible" = <696f702d7365702c617363777261702d763400>
    || | | "interrupts" = <fe000000fd0000000010000f000000>
    || | | "clock-ids" = <76010000>
    || | | "role" = <53455000>
    || | | "sepfw-loaded" = <01000000>
    || | | "aarch64" = <>
    || | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=({(0x496e747200020000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200020003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)"}),"IORepo$
    || | | "device_type" = <73657000>
    || | | "cpu-ctrl-filtered" = <>
    || | | "reg" = <0000404200000000000c006000000000000005420000000000006000000000000000>
    || | | "power-gates" = <>
    || | | }
    || | | }
```



```

|| | +-o AppleASCWrapV4SEP <class AppleASCWrapV4SEP, id 0x1000002b7, !registered, !matched, active, busy 0
(11002 ms), retain 5>
|| | |{
|| | | "IOProbeScore" = 0x0
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOClass" = "AppleASCWrapV4SEP"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IONameMatch" = "iop-sep,ascwrap-v4"
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "iop-sep,ascwrap-v4"
|| | | "role" = "SEP"
|| | | }
|| | | }
|| | | }
|| | +-o iop-sep-nub <class AppleA7IOPNub, id 0x100000191, registered, matched, active, busy 0 (11002 ms), retain
10>
|| | | {
|| | | | "rom-panic-bytes" = <88010000>
|| | | | "compatible" = <696f702d6e75622c73657000>
|| | | | "tz1-size" = <00800000>
|| | | | "tz0-size-set" = <01000000>
|| | | | "tz0-size" = <0000dc01>
|| | | | "function-wait_for_power_gate" = <8700000074696157690000000000000000000000>
|| | | | "tz1-size-set" = <00000000>
|| | | | "AAPL,phandle" = <92000000>
|| | | | "name" = <696f702d7365702d6e756200>
|| | | | }
|| | | | }
|| | | }
|| | +-o AppleSEPManager <class AppleSEPManager, id 0x10000048e, registered, matched, active, busy 0 (10989
ms), retain 47>
|| | | | {
|| | | | | "IOClass" = "AppleSEPManager"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSEPManager"
|| | | | | "IOProviderClass" = "AppleA7IOPNub"
|| | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
|| | | | | "IOUserClientClass" = "AppleSEPUserClient"
|| | | | | "IOPlatformQuiesceAction" = 0x15f8f
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IONameMatch" = "iop-nub,sep"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "SEPCameraDisable" = No
|| | | | | "IONameMatched" = "iop-nub,sep"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSEPManager"
|| | | | | "sep-booted" = Yes
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSEPManager"
|| | | | | "HasXART" = Yes
|| | | | | }
|| | | | }
|| | | +-o NVMeSEPNotifier <class NVMeSEPNotifier, id 0x1000004af, !registered, !matched, active, busy 0, retain 4>
|| | | | {
|| | | | | "IOProbeScore" = 0x0
|| | | | | "CFBundleIdentifier" = "com.apple.iokit.IONVMeFamily"
|| | | | | "IOMatchCategory" = "NVMeSEPNotifier"
|| | | | | "IOClass" = "NVMeSEPNotifier"
|| | | | | "IOPersonalityPublisher" = "com.apple.iokit.IONVMeFamily"
|| | | | | "IOProviderClass" = "AppleSEPManager"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IONVMeFamily"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | }
|| | | | }
|| | | +-o sep-endpoint,xars <class AppleSEPDeviceService, id 0x100000742, registered, matched, active, busy 0 (3
ms), retain 7>
|| | | | {
|| | | | | }
|| | | | }
|| | | +-o AppleSEPXARTService <class AppleSEPXARTService, id 0x10000074a, registered, matched, active, busy
0 (2 ms), retain 5>
|| | | | {
|| | | | | "IOProbeScore" = 0x0
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSEPManager"
|| | | | | "IOProviderClass" = "AppleSEPDeviceService"
|| | | | | "IOClass" = "AppleSEPXARTService"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSEPManager"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSEPManager"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IONameMatch" = "sep-endpoint,xars"
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "IONameMatched" = "sep-endpoint,xars"
|| | | | | }
|| | | | }
|| | | +-o sep-endpoint,hibe <class AppleSEPDeviceService, id 0x100000743, registered, matched, active, busy 0 (3
ms), retain 7>
|| | | | {
|| | | | | }
|| | | | }
|| | | +-o HibernationService <class HibernationService, id 0x100000749, registered, matched, active, busy 0 (2
ms), retain 6>
|| | | | {
|| | | | | "IOProbeScore" = 0x0
|| | | | | "CFBundleIdentifier" = "com.apple.driver.SEPHibernation"
|| | | | | "IOProviderClass" = "AppleSEPDeviceService"
|| | | | | "IOClass" = "HibernationService"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.SEPHibernation"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.SEPHibernation"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IONameMatch" = "sep-endpoint,hibe"
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "IONameMatched" = "sep-endpoint,hibe"
|| | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | }
|| | | | }
|| | | +-o sep-endpoint,stac <class AppleSEPDeviceService, id 0x100000744, registered, matched, active, busy 0
(10983 ms), retain 7>
|| | | | {

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|| | ||}
|| | ||}
|| | |+-o AppleTrustedAccessoryManager <class AppleTrustedAccessoryManager, id 0x10000074e, registered,
matched, active, busy 0 (3 ms), retain 6>
|| | | {
|| | | | "IOClass" = "AppleTrustedAccessoryManager"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleTrustedAccessory"
|| | | | "IOProviderClass" = "AppleSEPDeviceService"
|| | | | "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | "IOUserClientClass" = "AppleTrustedAccessoryManagerUserClient"
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" = "sep-endpoint,stac"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "com_apple_driver_AppleTrustedAccessoryManager"
|| | | | "IONameMatched" = "sep-endpoint,stac"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleTrustedAccessory"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleTrustedAccessory"
|| | | | }
|| | | +-o sep-endpoint,cntl <class AppleSEPDeviceService, id 0x100000745, registered, matched, active, busy 0 (3
ms), retain 6>
|| | | | {
|| | | | }
|| | | | +-o sep-endpoint,xarm <class AppleSEPDeviceService, id 0x100000746, registered, matched, active, busy 0 (3
ms), retain 7>
|| | | | | {
|| | | | | }
|| | | | | +-o AppleSEPXARTService <class AppleSEPXARTService, id 0x10000074f, registered, matched, active, busy
0 (0 ms), retain 6>
|| | | | | | {
|| | | | | | | "IOProbeScore" = 0x0
|| | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSEPManager"
|| | | | | | | "IOProviderClass" = "AppleSEPDeviceService"
|| | | | | | | "IOClass" = "AppleSEPXARTService"
|| | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSEPManager"
|| | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSEPManager"
|| | | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | | "IONameMatch" = "sep-endpoint,xarm"
|| | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | | "IONameMatched" = "sep-endpoint,xarm"
|| | | | | | | }
|| | | | | +-o sep-endpoint,pnon <class AppleSEPDeviceService, id 0x100000747, registered, matched, active, busy 0 (3
ms), retain 7>
|| | | | | | {
|| | | | | | }
|| | | | | +-o sep-endpoint,hdcpc <class AppleSEPDeviceService, id 0x100000748, registered, matched, active, busy 0 (3
ms), retain 7>
|| | | | | | {
|| | | | | | }
|| | | | | +-o AppleSEPHDCPManager <class AppleSEPHDCPManager, id 0x10000074d, registered, matched, active,
busy 0 (2 ms), retain 12>
|| | | | | | {
|| | | | | | | "IOProbeScore" = 0x0
|| | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSEPHDCPManager"
|| | | | | | | "IOProviderClass" = "AppleSEPDeviceService"
|| | | | | | | "IOClass" = "AppleSEPHDCPManager"
|| | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSEPHDCPManager"
|| | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSEPHDCPManager"
|| | | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | | "IONameMatch" = "sep-endpoint,hdcpc"
|| | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | | "IONameMatched" = "sep-endpoint,hdcpc"
|| | | | | | | }
|| | | | | +-o AppleSEPHDCPInterface <class AppleSEPHDCPInterface, id 0x100000779, registered, matched, active,
busy 0 (0 ms), retain 6>
|| | | | | | {
|| | | | | | | "HDCPChannel" = 0x0
|| | | | | | | "HDCPRole" = "(None - Not Open)"
|| | | | | | | "HDCPTransport" = 0x0
|| | | | | | | "HDCPRXCapabilities" = {"Protocols"=(0x1,0x2)}
|| | | | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | | | "HDCPCapabilityMask" = 0x3
|| | | | | | | "HDCPTXCapabilities" = {"Protocols"=(0x1,0x2)}
|| | | | | | | }
|| | | | | +-o AppleSEPHDCPInterface <class AppleSEPHDCPInterface, id 0x10000077b, registered, matched, active,
busy 0 (0 ms), retain 6>
|| | | | | | {
|| | | | | | | "HDCPChannel" = 0x1
|| | | | | | | "HDCPRole" = "(None - Not Open)"
|| | | | | | | "HDCPTransport" = 0x0
|| | | | | | | "HDCPRXCapabilities" = {"Protocols"=(0x1,0x2)}
|| | | | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | | | "HDCPCapabilityMask" = 0x3
|| | | | | | | "HDCPTXCapabilities" = {"Protocols"=(0x1,0x2)}
|| | | | | | | }
|| | | | | +-o AppleSEPHDCPInterface <class AppleSEPHDCPInterface, id 0x10000077d, registered, matched, active,
busy 0 (0 ms), retain 6>
|| | | | | | {
|| | | | | | | "HDCPChannel" = 0x2
|| | | | | | | "HDCPRole" = "(None - Not Open)"
|| | | | | | | "HDCPTransport" = 0x0
|| | | | | | | "HDCPRXCapabilities" = {"Protocols"=(0x1,0x2)}
|| | | | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | | | "HDCPCapabilityMask" = 0x3
|| | | | | | | "HDCPTXCapabilities" = {"Protocols"=(0x1,0x2)}
|| | | | | | | }
|| | | | | +-o AppleSEPHDCPInterface <class AppleSEPHDCPInterface, id 0x10000077f, registered, matched, active,
busy 0 (0 ms), retain 6>
|| | | | | | {

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|| | | | "HDCPChannel" = 0x3
|| | | | "HDCPRole" = "(None - Not Open)"
|| | | | "HDCPTransport" = 0x0
|| | | | "HDCPRXCapabilities" = {"Protocols"=(0x1,0x2)}
|| | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | "HDCPCapabilityMask" = 0x3
|| | | | "HDCPTXCapabilities" = {"Protocols"=(0x1,0x2)}
|| | | | }
|| | | | +-o AppleSEPHDCPInterface <class AppleSEPHDCPInterface, id 0x100000781, registered, matched, active,
busy 0 (0 ms), retain 6>
|| | | | {
|| | | | | "HDCPChannel" = 0x4
|| | | | | "HDCPRole" = "(None - Not Open)"
|| | | | | "HDCPTransport" = 0x1
|| | | | | "HDCPRXCapabilities" = {"Protocols"=()}
|| | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | "HDCPCapabilityMask" = 0x2
|| | | | | "HDCPTXCapabilities" = {"Protocols"=(0x1,0x2)}
|| | | | | }
|| | | | +-o AppleSEPHDCPInterface <class AppleSEPHDCPInterface, id 0x100000783, registered, matched, active,
busy 0 (0 ms), retain 8>
|| | | | {
|| | | | | "HDCPChannel" = 0x5
|| | | | | "HDCPRole" = "Transmitter"
|| | | | | "HDCPTransport" = 0x1
|| | | | | "HDCPRXCapabilities" = {"Protocols"=()}
|| | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | "HDCPCapabilityMask" = 0x2
|| | | | | "HDCPTXCapabilities" = {"Protocols"=(0x1,0x2)}
|| | | | | }
|| | | | +-o AppleSEPHDCPInterface <class AppleSEPHDCPInterface, id 0x100000785, registered, matched, active,
busy 0 (0 ms), retain 6>
|| | | | {
|| | | | | "HDCPChannel" = 0x6
|| | | | | "HDCPRole" = "(None - Not Open)"
|| | | | | "HDCPTransport" = 0x1
|| | | | | "HDCPRXCapabilities" = {"Protocols"=()}
|| | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | "HDCPCapabilityMask" = 0x2
|| | | | | "HDCPTXCapabilities" = {"Protocols"=(0x1,0x2)}
|| | | | | }
|| | | | +-o sep-endpoint,scrd <class AppleSEPDeviceService, id 0x10000074c, registered, matched, active, busy 0 (2
ms), retain 6>
|| | | | {
|| | | | | }
|| | | | +-o sep-endpoint,skdl <class AppleSEPDeviceService, id 0x100000843, registered, matched, active, busy 0
(15 ms), retain 7>
|| | | | {
|| | | | | }
|| | | | +-o CoreKDLDriver <class CoreKDLDriver, id 0x100000846, registered, matched, active, busy 0 (3 ms), retain
7>
|| | | | {
|| | | | | "IOClass" = "CoreKDLDriver"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.CoreKDL"
|| | | | | "IOProviderClass" = "AppleSEPDeviceService"
|| | | | | "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | "IOUserClientClass" = "CoreKDLUserClient"
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IONameMatch" = "sep-endpoint,skdl"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "CoreKDLDriver"
|| | | | | "IONameMatched" = "sep-endpoint,skdl"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.CoreKDL"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.CoreKDL"
|| | | | | }
|| | | | +-o CoreKDLUserClient <class CoreKDLUserClient, id 0x100000be8, !registered, !matched, active, busy 0,
retain 5>
|| | | | {
|| | | | | "IOUserClientCreator" = "pid 589, corekld"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | +-o sep-endpoint,sbio <class AppleSEPDeviceService, id 0x100000844, registered, matched, active, busy 0
(18 ms), retain 7>
|| | | | {
|| | | | | }
|| | | | +-o AppleMesaSEPDriver <class AppleMesaSEPDriver, id 0x100000847, registered, matched, active, busy 0 (3
ms), retain 9>
|| | | | {
|| | | | | "IOClass" = "AppleMesaSEPDriver"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleMesaSEPDriver"
|| | | | | "IOProviderClass" = "AppleSEPDeviceService"
|| | | | | "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | "IOProbeScore" = 0x3e8
|| | | | | "IONameMatch" = "sep-endpoint,sbio"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "com_apple_driver_AppleMesaSEPDriver"
|| | | | | "MesaCalBlobSource" = "FDR"
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "IONameMatched" = "sep-endpoint,sbio"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleMesaSEPDriver"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMesaSEPDriver"
|| | | | | }
|| | | | +-o AppleBiometricServices <class AppleBiometricServices, id 0x10000084a, registered, matched, active,
busy 0 (0 ms), retain 6>
|| | | | {
|| | | | | "IOProbeScore" = 0x0
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleBiometricServices"
|| | | | | "IOMatchCategory" = "com_apple_driver_AppleBiometricServices"

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|| | | | "IOClass" = "AppleBiometricServices"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleBiometricServices"
|| | | | "IOProviderClass" = "AppleMesaSEPDriver"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleBiometricServices"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOUserClientClass" = "AppleBiometricServicesUserClient"
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | }
|| | | | }
|| | | | +-o AppleBiometricServicesUserClient <class AppleBiometricServicesUserClient, id 0x100000b39, !
registered, !matched, active, busy 0, retain 5>
|| | | | {
|| | | | | "IOUserClientCreator" = "pid 457, biometrickitd"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | }
|| | | | +-o sep-endpoint,sse <class AppleSEPDeviceService, id 0x100000845, registered, matched, active, busy 0 (11
ms), retain 6>
|| | | | {
|| | | | | }
|| | | | | }
|| | | | | }
|| | | | +-o sep-endpoint,sks <class AppleSEPDeviceService, id 0x10000084b, registered, matched, active, busy 0 (0
ms), retain 6>
|| | | | {
|| | | | | }
|| | | | | }
|| | | | }
|| | | | +-o dart-sep@412C0000 <class AppleARMIODevice, id 0x100000195, registered, matched, active, busy 0 (248
ms), retain 9>
|| | | | {
|| | | | | "IOInterruptSpecifiers" = (<03010000>)
|| | | | | "AAPL,phandle" = <96000000>
|| | | | | "bypass" = <00800000>
|| | | | | "instance" = <545241444441525400000000>
|| | | | | "IODeviceMemory" = ({"address"=0x2412c0000,"length"=0x4000})
|| | | | | "IOReportLegendPublic" = Yes
|| | | | | "tlb-invalid-refetch" = <>
|| | | | | "dart-options" = <05000000>
|| | | | | "IOInterruptControllers" = ("IOInterruptController00000070")
|| | | | | "name" = <646172742d73657000>
|| | | | | "interrupt-parent" = <70000000>
|| | | | | "retention" = <>
|| | | | | "compatible" = <646172742c743830323000>
|| | | | | "page-size" = <00400000>
|| | | | | "interrupts" = <03010000>
|| | | | | "diag-config" = <00210080>
|| | | | | "bypass-address" = <00000000000000000000000000000002>
|| | | | | "dart-tunables-instance-0" =
<600000000400000000610080000000000610080000000006800000004000000f0f0f0000000000f0f0f000000000
006c000000004000000ffff00000000000808080000000000>
|| | | | | "error-reflector" = <00c0ff3c02000000>
|| | | | | "device_type" = <6461727400>
|| | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(("0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
|| | | | | "reg" = <00002c410000000004000000000000>
|| | | | | "sids" = <01800000>
|| | | | | }
|| | | | | }
|| | | | | }
|| | | | +-o AppleT8020DART <class AppleT8020DART, id 0x1000002ed, registered, matched, active, busy 0 (68 ms),
retain 27>
|| | | | {
|| | | | | "IOClass" = "AppleT8020DART"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | | "IOPlatformActiveAction" = 0x13880
|| | | | | "IOUserClientClass" = "IODARTClient"
|| | | | | "IOPlatformSleepAction" = 0x13880
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IONameMatch" = "dart,t8020"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "IONameMatched" = "dart,t8020"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | | | "iommu-dart-identity" = <96000000>
|| | | | | "IOFunctionParent00000096" = <>
|| | | | | }
|| | | | | }
|| | | | | }
|| | | | +-o mapper-sep@0 <class IODARTMapperNub, id 0x100000196, registered, matched, active, busy 0 (68 ms),
retain 8>
|| | | | {
|| | | | | "device_type" = <646172742d6d617070657200>
|| | | | | "reg" = <00000000>
|| | | | | "name" = <6d61707065722d73657000>
|| | | | | "AAPL,phandle" = <97000000>
|| | | | | "compatible" = <696f6d6d752d6d617070657200>
|| | | | | }
|| | | | | }
|| | | | | }
|| | | | +-o IODARTMapper <class IODARTMapper, id 0x1000003ba, registered, matched, active, busy 0 (34 ms), retain
47>
|| | | | {
|| | | | | "IOClass" = "IODARTMapper"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | | | | "IOProviderClass" = "IODARTMapperNub"
|| | | | | "iommu-dart-translation" = Yes
|| | | | | "IOUserClientClass" = "IODARTMapperClient"
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IONameMatch" = "iommu-mapper"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "IONameMatched" = "iommu-mapper"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | | | | "IOMapperID" = <97000000>
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | | | | }
|| | | | }

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    | |
    | | +-o sio@36400000 <class AppleARMIODevice, id 0x100000197, registered, matched, active, busy 0 (300 ms),
retain 9>
    | | | {
    | | | | "IOInterruptSpecifiers" = (<81020000>,<80020000>,<83020000>,<82020000>)
    | | | | "iop-version" = <01000000>
    | | | | "clock-gates" = <24010000>
    | | | | "AAPL,phandle" = <98000000>
    | | | | "asio-ascwrap-tunables" =
<400000000400000000ff0000000000000040000000000000c0800000400000010000600000000010000600000
0000>
    | | | | "IODeviceMemory" = ({"address"=0x23640000,"length"=0x6c000}),
({"address"=0x236050000,"length"=0x4000})
    | | | | "IOReportLegendPublic" = Yes
    | | | | "segment-names" = <5f5f544558543b5f5f4441544100>
    | | | | "map-range" = <4353494d00000035020000000040000000000000>
    | | | | "iommu-parent" = <9c000000>
    | | | | "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControle
r00000070")
    | | | | "name" = <73696f00>
    | | | | "interrupt-parent" = <70000000>
    | | | | "dmashim" =
<4950535300001035020000000001000000000000d0000000e000000f000000040000052415553000020350200
00000000100000000000100000002000000300000004000004455415300003038020000000001000000000000
e00000001f0000002000000000400000>
    | | | | "compatible" = <696f702c617363777261702d763400>
    | | | | "interrupts" = <810200080020008302000082020000>
    | | | | "clock-ids" = <4c0100004d01000051010000>
    | | | | "device-type" =
<49505364050000000000000524155640900000000000004150446402000000c0000000>
    | | | | "role" = <53494f00>
    | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001," First Level Interrupt Handler Time (MATUs)",
(0x496e747200020003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)",
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),,"IORepo$
    | | | | "device_type" = <73696f00>
    | | | | "power-gates" = <24010000>
    | | | | "reg" = <000040360000000000c00600000000000000053600000000040000000000000>
    | | | | "segment-ranges" =
<00c03801080000000000000000000000200000000000c0010001000000040dc010800000000c001000000
00000002200000000000800f0000000000>
    | | | | }
    | | | | }
    | | | +-o AppleASCWrapV4 <class AppleASCWrapV4, id 0x1000002e3, !registered, !matched, active, busy 0 (32 ms),
retain 5>
    | | | | {
    | | | | | "IOProbeScore" = 0x0
    | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP"
    | | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | | "IOClass" = "AppleASCWrapV4"
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP"
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP"
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "IONameMatch" = "iop,ascwrap-v4"
    | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | "IONameMatched" = "iop,ascwrap-v4"
    | | | | | "role" = "SIO"
    | | | | | }
    | | | | }
    | | | +-o iop-sio-nub <class AppleA7IOPNub, id 0x100000198, registered, matched, active, busy 0 (32 ms), retain 8>
    | | | | {
    | | | | | "pre-loaded" = <01000000>
    | | | | | "compatible" = <696f702d6e75622c727462756464792d763200>
    | | | | | "KDebugCoreID" = 0x12
    | | | | | "segment-ranges" =
<00c03801080000000000000000000000200000000000c0010001000000040dc010800000000c001000000
00000002200000000000800f0000000000>
    | | | | | "coredump-enable" = <40000000>
    | | | | | "no-firmware-service" = <>
    | | | | | "segment-names" = <5f5f544558543b5f5f4441544100>
    | | | | | "user-power-managed" = <01000000>
    | | | | | "name" = <696f702d73696f2d6e756200>
    | | | | | "AAPL,phandle" = <99000000>
    | | | | | }
    | | | | }
    | | | +-o RTBuddyV2 <class RTBuddyV2, id 0x1000004d6, registered, matched, active, busy 0 (22 ms), retain 16>
    | | | | {
    | | | | | "IOClass" = "RTBuddyV2"
    | | | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
    | | | | | "IOProviderClass" = "AppleA7IOPNub"
    | | | | | "IOPlatformPanicAction" = 0x15ba8
    | | | | | "IOUserClientClass" = "RTBuddyUserClient"
    | | | | | "IOProbeScore" = 0x0
    | | | | | "IONameMatch" = "iop-nub,rtbuddy-v2"
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | "IOReportLegend" =
({"IOReportGroupName"="SIO","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),,"IOReportChannell
nfo"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="IOP State"})
    | | | | | "IOReportLegendPublic" = Yes
    | | | | | "FirmwareUUID" = "92c4ec4c-bffb-3b89-b6ab-aa03861ab7ce"
    | | | | | "FirmwareVersion" = "not set"
    | | | | | "IONameMatched" = "iop-nub,rtbuddy-v2"
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
    | | | | | "role" = "SIO"
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
    | | | | | "RTKitVersion" = "RTKit-1827.120.2.release"
    | | | | | }
    | | | | }
    | | | +-o RTBuddyService <class RTBuddyService, id 0x1000004e3, registered, matched, active, busy 0 (0 ms),
retain 5>
    | | | | {
    | | | | | "IOProbeScore" = 0x0
    | | | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
    | | | | | "IOMatchCategory" = "RTBuddyService"
    | | | | | }
```



```

|| ||
|| |+-o AppleT8020DART <class AppleT8020DART, id 0x1000002e4, registered, matched, active, busy 0 (86 ms),
retain 35>
|| | |{
|| | | "IOClass" = "AppleT8020DART"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformActiveAction" = 0x13880
|| | | "IOUserClientClass" = "IODARTClient"
|| | | "IOPlatformSleepAction" = 0x13880
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "dart,t8020"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOFunctionParent0000009B" = <>
|| | | "IONameMatched" = "dart,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | "iommu-dart-identity" = <9b000000>
|| | | }
|| | |
|| | |+-o mapper-sio@0 <class IODARTMapperNub, id 0x10000019b, registered, matched, active, busy 0 (82 ms),
retain 8>
|| | | |{
|| | | | "allow-subpage-mapping" = <>
|| | | | "device_type" = <646172742d6d617070657200>
|| | | | "reg" = <00000000>
|| | | | "name" = <6d61707065722d73696f00>
|| | | | "AAPL,phandle" = <9c000000>
|| | | | "compatible" = <696f6d6d752d6d617070657200>
|| | | | }
|| | | |
|| | | |+-o IODARTMapper <class IODARTMapper, id 0x1000003b1, registered, matched, active, busy 0 (50 ms), retain
55>
|| | | | {
|| | | | "IOClass" = "IODARTMapper"
|| | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | | | "IOProviderClass" = "IODARTMapperNub"
|| | | | "iommu-dart-translation" = Yes
|| | | | "IOUserClientClass" = "IODARTMapperClient"
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" = "iommu-mapper"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IONameMatched" = "iommu-mapper"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | | | "IOMapperID" = <9c000000>
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | | | }
|| | | |
|| | | |+-o mapper-aes@1 <class IODARTMapperNub, id 0x10000019c, registered, matched, active, busy 0 (33 ms),
retain 8>
|| | | | |{
|| | | | | "allow-subpage-mapping" = <>
|| | | | | "device_type" = <646172742d6d617070657200>
|| | | | | "reg" = <01000000>
|| | | | | "name" = <6d61707065722d61657300>
|| | | | | "AAPL,phandle" = <9d000000>
|| | | | | "compatible" = <696f6d6d752d6d617070657200>
|| | | | | }
|| | | | |
|| | | | |+-o IODARTMapper <class IODARTMapper, id 0x1000003aa, registered, matched, active, busy 0 (7 ms), retain
74>
|| | | | | {
|| | | | | "IOClass" = "IODARTMapper"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | | | | "IOProviderClass" = "IODARTMapperNub"
|| | | | | "iommu-dart-translation" = Yes
|| | | | | "IOUserClientClass" = "IODARTMapperClient"
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IONameMatch" = "iommu-mapper"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "IONameMatched" = "iommu-mapper"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | | | | "IOMapperID" = <9d000000>
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | | | | }
|| | | | |
|| | | | |+-o mapper-admac@2 <class IODARTMapperNub, id 0x10000019d, registered, matched, active, busy 0 (15 ms),
retain 8>
|| | | | | |{
|| | | | | | "allow-subpage-mapping" = <>
|| | | | | | "device_type" = <646172742d6d617070657200>
|| | | | | | "reg" = <02000000>
|| | | | | | "name" = <6d61707065722d61646d616300>
|| | | | | | "AAPL,phandle" = <9e000000>
|| | | | | | "compatible" = <696f6d6d752d6d617070657200>
|| | | | | | }
|| | | | | |
|| | | | | |+-o IODARTMapper <class IODARTMapper, id 0x10000035d, registered, matched, active, busy 0 (6 ms), retain
10>
|| | | | | | {
|| | | | | | "IOClass" = "IODARTMapper"
|| | | | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | | | | | "IOProviderClass" = "IODARTMapperNub"
|| | | | | | "iommu-dart-translation" = Yes
|| | | | | | "IOUserClientClass" = "IODARTMapperClient"
|| | | | | | "IOProbeScore" = 0x0
|| | | | | | "IONameMatch" = "iommu-mapper"
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | "IONameMatched" = "iommu-mapper"
|| | | | | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | | | | | "IOMapperID" = <9e000000>
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | | | | | }
|| | | | | |

```



```
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = {"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5}
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff00
|| | | | "VendorIDSource" = 0x0
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | }
|| | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a8e, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | +-o NS_01@1 <class IOEmbeddedNVMeBlockDevice, id 0x1000006af, registered, matched, active, busy 0
(44 ms), retain 7>
|| | | | {
|| | | | | "Logical Block Size" = 0x1000
|| | | | | "IOMaximumBlockCountWrite" = 0x100
|| | | | | "IOMaximumSegmentByteCountRead" = 0x100000
|| | | | | "IOReportLegendPublic" = Yes
|| | | | | "IOMaximumSegmentByteCountWrite" = 0x100000
|| | | | | "NamespaceID" = 0x1
|| | | | | "IOMaximumSegmentCountRead" = 0x100
|| | | | | "IOMaximumSegmentCountWrite" = 0x100
|| | | | | "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| | | | | "IOUnit" = 0x1
|| | | | | "NamespaceUUID" = 0x0
|| | | | | "Encryption" = Yes
|| | | | | "Device Characteristics" = {"Serial Number"="0ba0127a0334f03a","Medium Type"="Solid State","Product
Name"="APPLE SSD AP1024Q","Vendor Name"="",,"Product Revision Level"="387.140."}
|| | | | | "IOMaximumBlockCountRead" = 0x100
|| | | | | "IOCFPluginTypes" = {"AA0FA6F9-C2D6-457F-B10B-59A13253292F"="NVMeSMARTLib.plugin"}
|| | | | | "IOMinimumSegmentAlignmentByteCount" = 0x1000
|| | | | | "IOMaximumByteCountRead" = 0x100000
|| | | | | "IOMaximumByteCountWrite" = 0x100000
|| | | | | "device-type" = "Generic"
|| | | | | "EmbeddedDeviceTypeRoot" = Yes
|| | | | | "Physical Block Size" = 0x1000
|| | | | | "Protocol Characteristics" = {"Physical Interconnect"="Apple Fabric","Physical Interconnect
Location"="Internal"}
|| | | | | "IOReportLegend" =
({ "IOReportGroupName"="NVMe","IOReportChannels"=((0x5469657230204257,0x180000001,"Tier0 BW Scale Factor"),
(0x5469657231204257,0x180000001,"Tier1 BW Scale Factor"),(0x5469657232204257,0x180000001,"Tier2 BW Scale
Factor"),(0x5469657233204257,0x180000001,"Tier3 BW Scale
Factor")), "IOReportChannelInfo"={"IOReportChannelUnit"=0x0}, "IOReportSubGroupName"="BW Limits"},
{"IOReportGroupName"="NVMe","IOReportChannels"=((0x546f742054696d65,0x180000001,"Total time elapsed"),
(0x5469657230202020,0x180000001,"Tie$
|| | | | | "ThermalThrottlingSupported" = Yes
|| | | | | "NVMe SMART Capable" = Yes
|| | | | | }
|| | | | | +-o IOBlockStorageDriver <class IOBlockStorageDriver, id 0x1000006b1, registered, matched, active, busy
0 (43 ms), retain 8>
|| | | | | {
|| | | | | | "IOPropertyMatch" = {"device-type"="Generic"}
|| | | | | | "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| | | | | | "IOProviderClass" = "IOBlockStorageDevice"
|| | | | | | "IOClass" = "IOBlockStorageDriver"
|| | | | | | "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| | | | | | "IOProbeScore" = 0x0
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "Statistics" = {"Operations (Write)"=0x208e90,"Latency Time (Write)"=0x0,"Bytes
(Read)"=0xa900f9000,"Errors (Write)"=0x0,"Total Time (Read)"=0x17af54dad19,"Latency Time (Read)"=0x0,"Retries
(Read)"=0x0,"Errors (Read)"=0x0,"Total Time (Write)"=0x1311c877ac,"Bytes (Write)"=0xda04eb000,"Operations
(Read)"=0x1fc7f8,"Retries (Write)"=0x0}
|| | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | }
|| | | | | +-o APPLE SSD AP1024Q Media <class IOMedia, id 0x1000006b2, registered, matched, active, busy 0 (43
ms), retain 12>
|| | | | | {
|| | | | | | "Content" = "GUID_partition_scheme"
|| | | | | | "Removable" = No
|| | | | | | "Whole" = Yes
|| | | | | | "Leaf" = No
|| | | | | | "BSD Name" = "disk0"
|| | | | | | "Ejectable" = No
|| | | | | | "Preferred Block Size" = 0x1000
|| | | | | | "IOMediaIcon" =
{"IOBundleResourceFile"="Internal.icns","CFBundleIdentifier"="com.apple.iokit.IOStorageFamily"}
|| | | | | | "BSD Minor" = 0x0
|| | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | "Writable" = Yes
|| | | | | | "BSD Major" = 0x1
|| | | | | | "Size" = 0xe8f5c29000
|| | | | | | "IOBusyInterest" = "IOCommand is not serializable"
|| | | | | | "Open" = Yes
|| | | | | | "Content Hint" = ""
|| | | | | | "BSD Unit" = 0x0
|| | | | | | }
|| | | | | +-o IOMediaBSDClient <class IOMediaBSDClient, id 0x1000006b4, registered, matched, active, busy 0 (0
ms), retain 6>
|| | | | | {
|| | | | | | "IOProbeScore" = 0x7530
|| | | | | | "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| | | | | | "IOMatchCategory" = "IOMediaBSDClient"
```

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|| | | | | "IOClass" = "IOMediaBSDClient"
|| | | | | "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| | | | | "IOProviderClass" = "IOMedia"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOResourceMatch" = "IOBSD"
|| | | | | }
|| | | | | }
|| | | | | +-o IOGUIDPartitionScheme <class IOGUIDPartitionScheme, id 0x1000006b6, !registered, !matched,
active, busy 0 (34 ms), retain 8>
|| | | | | {
|| | | | | | "IOProbeScore" = 0xfa0
|| | | | | | "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| | | | | | "IOMatchCategory" = "IOStorage"
|| | | | | | "IOClass" = "IOGUIDPartitionScheme"
|| | | | | | "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| | | | | | "IOPropertyMatch" = {"Whole"=Yes}
|| | | | | | "IOProviderClass" = "IOMedia"
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| | | | | | "Content Mask" = "GUID_partition_scheme"
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "UUID" = "89B7E135-A567-4517-BFDD-F6395524E915"
|| | | | | | }
|| | | | | }
|| | | | | +-o iBootSystemContainer@1 <class IOMedia, id 0x1000006ba, registered, matched, active, busy 0 (12
ms), retain 12>
|| | | | | {
|| | | | | | "Open" = Yes
|| | | | | | "Preferred Block Size" = 0x1000
|| | | | | | "Base" = 0x6000
|| | | | | | "Writable" = Yes
|| | | | | | "IOBusyInterest" = "IOCommand is not serializable"
|| | | | | | "Size" = 0x1f400000
|| | | | | | "Content" = "69646961-6700-11AA-AA11-00306543ECAC"
|| | | | | | "BSD Minor" = 0x1
|| | | | | | "Whole" = No
|| | | | | | "Removable" = No
|| | | | | | "UUID" = "333F1989-483C-48AC-A6FA-ED0524C3D964"
|| | | | | | "BSD Unit" = 0x0
|| | | | | | "BSD Major" = 0x1
|| | | | | | "Ejectable" = No
|| | | | | | "BSD Name" = "disk0s1"
|| | | | | | "Partition ID" = 0x1
|| | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | "GPT Attributes" = 0x0
|| | | | | | "Content Hint" = "69646961-6700-11AA-AA11-00306543ECAC"
|| | | | | | "Leaf" = No
|| | | | | | "TierType" = "Main"
|| | | | | | }
|| | | | | }
|| | | | | +-o IOMediaBSDClient <class IOMediaBSDClient, id 0x1000006c0, registered, matched, active, busy 0
(0 ms), retain 6>
|| | | | | {
|| | | | | | "IOProbeScore" = 0x7530
|| | | | | | "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| | | | | | "IOMatchCategory" = "IOMediaBSDClient"
|| | | | | | "IOClass" = "IOMediaBSDClient"
|| | | | | | "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| | | | | | "IOProviderClass" = "IOMedia"
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "IOResourceMatch" = "IOBSD"
|| | | | | | }
|| | | | | }
|| | | | | +-o AppleAPFSContainerScheme <class AppleAPFSContainerScheme, id 0x1000006c2, !registered, !
matched, active, busy 0 (11 ms), retain 7>
|| | | | | {
|| | | | | | "IOClass" = "AppleAPFSContainerScheme"
|| | | | | | "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| | | | | | "IOProviderClass" = "IOMedia"
|| | | | | | "IOPropertyMatch" = {"Content Hint"="69646961-6700-11AA-AA11-00306543ECAC"})
|| | | | | | "IOProbeScore" = 0x7d0
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | "IOMatchCategory" = "IOStorage"
|| | | | | | "Statistics" = {"Operations (Read)"=0x83d,"Bytes (Write)"=0x9c000,"Operations
(Write)"=0x43,"Bytes (Read)"=0x850000}
|| | | | | | "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| | | | | | "APFSComposited" = No
|| | | | | | }
|| | | | | }
|| | | | | +-o AppleAPFSMedia <class AppleAPFSMedia, id 0x1000006c3, registered, matched, active, busy 0
(11 ms), retain 11>
|| | | | | {
|| | | | | | "Logical Block Size" = 0x1000
|| | | | | | "Open" = Yes
|| | | | | | "Preferred Block Size" = 0x1000
|| | | | | | "Writable" = Yes
|| | | | | | "IOBusyInterest" = "IOCommand is not serializable"
|| | | | | | "Size" = 0x1f400000
|| | | | | | "Content" = "EF57347C-0000-11AA-AA11-00306543ECAC"
|| | | | | | "BSD Minor" = 0x4
|| | | | | | "Whole" = Yes
|| | | | | | "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| | | | | | "Removable" = No
|| | | | | | "EncryptionBlockSize" = 0x1000
|| | | | | | "UUID" = "E03DD608-ED43-4056-8E7B-CFFE32BD54ED"
|| | | | | | "BSD Unit" = 0x1
|| | | | | | "BSD Major" = 0x1
|| | | | | | "Ejectable" = No
|| | | | | | "BSD Name" = "disk1"
|| | | | | | "Physical Block Size" = 0x1000
|| | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | "Content Hint" = "EF57347C-0000-11AA-AA11-00306543ECAC"
|| | | | | | "Leaf" = No
|| | | | | | "OSInternal" = Yes
|| | | | | | }
|| | | | | }

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|| | | | |
|| | | | | +--o AppleAPFSMediaBSDClient <class AppleAPFSMediaBSDClient, id 0x1000006c6, registered,
matched, active, busy 0 (0 ms), retain 7>
|| | | | | {
|| | | | | "IOProbeScore" = 0x7918
|| | | | | "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| | | | | "IOMatchCategory" = "IOMediaBSDClient"
|| | | | | "IOClass" = "AppleAPFSMediaBSDClient"
|| | | | | "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| | | | | "IOProviderClass" = "AppleAPFSMedia"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOResourceMatch" = "IOBSD"
|| | | | | }
|| | | | |
|| | | | | +--o AppleAPFSContainer <class AppleAPFSContainer, id 0x1000006d1, registered, matched, active,
busy 0 (0 ms), retain 11>
|| | | | | {
|| | | | | "IOClass" = "AppleAPFSContainer"
|| | | | | "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| | | | | "IOProviderClass" = "IOMedia"
|| | | | | "IOPropertyMatch" = ({ "Content Hint" = "EF57347C-0000-11AA-AA11-00306543ECAC" })
|| | | | | "Logical Block Size" = 0x1000
|| | | | | "IOUserClientClass" = "AppleAPFSUserClient"
|| | | | | "IOProbeScore" = 0x3e8
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "IOMatchCategory" = "IOStorage"
|| | | | | "Statistics" = { "Metadata: Number of spaceman bitmap bytes read" = 0x8000, "Metadata: Number
of write errors" = 0x0, "Number of times device's cache flushed" = 0xc, "Write burst: Total number of I/Os" = 0x8, "Write burst:
Total time" = 0xb9772, "Bytes read from block device" = 0x26000, "Object cache: Number of writes" = 0x20, "Object cache:
Number of objects processed by partial cache flushes" = 0x0, "Read requests sent to block device" = 0x13, "Metadata:
Number of bytes written" = 0x20000, "Write burst: Total time between bursts" = $
|| | | | | "UUID" = "E03DD608-ED43-4056-8E7B-CFFE32BD54ED"
|| | | | | "ContainerBlockSize" = 0x1000
|| | | | | "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| | | | | "Status" = "Online"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| | | | | "IOAPFSPreBootDevice" = ("iSCPreboot@1")
|| | | | | }
|| | | | |
|| | | | | +--o iSCPreboot@1 <class AppleAPFSVolume, id 0x1000006df, registered, matched, active, busy 0
(0 ms), retain 11>
|| | | | | {
|| | | | | "Logical Block Size" = 0x1000
|| | | | | "Open" = Yes
|| | | | | "Preferred Block Size" = 0x1000
|| | | | | "RoleValue" = 0x10
|| | | | | "Writable" = Yes
|| | | | | "Sealed" = "No"
|| | | | | "IOBusyInterest" = "IOCommand is not serializable"
|| | | | | "FullName" = "iSCPreboot"
|| | | | | "Size" = 0x1f400000
|| | | | | "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| | | | | "BSD Minor" = 0x8
|| | | | | "FormattedBy" = "newfs_apfs (1677.60.23)"
|| | | | | "Whole" = No
|| | | | | "IOStorageFeatures" = { "Unmap" = Yes, "Priority" = Yes, "Barrier" = Yes }
|| | | | | "Removable" = No
|| | | | | "UUID" = "5AE06F07-EC83-439D-9E3F-89C4623655BF"
|| | | | | "CaseSensitive" = No
|| | | | | "Statistics" = { "Metadata: Number of fsroot bytes written" = 0x0, "Bytes read from block
device" = 0xa000, "Calls to VNOP_ALLOCATE" = 0x0, "Calls to VNOP_LOOKUP" = 0x44, "Calls to
VNOP_GETATTRLISTBULK" = 0x0, "Calls to VNOP_CLOSE" = 0x23, "Calls to VNOP_MNOMAP" = 0x0, "Calls to
VNOP_INACTIVE" = 0x10, "Calls to VNOP_REMOVENAMEDSTREAM" = 0x0, "Calls to VNOP_READ" = 0xc, "File defrag: Number
of failed defrag attempts" = 0x0, "Calls to VNOP_BLOCKMAP" = 0x8, "Calls to VNOP_CREATE" = 0x0, "Metadata: Number of
objects failed to write" = 0x0, "Calls $
|| | | | | "BSD Unit" = 0x1
|| | | | | "Ejectable" = No
|| | | | | "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
|| | | | | "Role" = ("Preboot")
|| | | | | "BSD Name" = "disk1s1"
|| | | | | "BSD Major" = 0x1
|| | | | | "Physical Block Size" = 0x1000
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "autodiskmount" = No
|| | | | | "Status" = "Online"
|| | | | | "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| | | | | "Leaf" = Yes
|| | | | | }
|| | | | |
|| | | | | +--o AppleAPFSVolumeBSDClient <class AppleAPFSVolumeBSDClient, id 0x1000006e7, registered,
matched, active, busy 0 (0 ms), retain 7>
|| | | | | {
|| | | | | "IOProbeScore" = 0x7918
|| | | | | "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| | | | | "IOMatchCategory" = "IOMediaBSDClient"
|| | | | | "IOClass" = "AppleAPFSVolumeBSDClient"
|| | | | | "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| | | | | "IOProviderClass" = "AppleAPFSVolume"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOResourceMatch" = "IOBSD"
|| | | | | }
|| | | | |
|| | | | | +--o xART@2 <class AppleAPFSVolume, id 0x1000006e0, registered, matched, active, busy 0 (0
ms), retain 11>
|| | | | | {
|| | | | | "Logical Block Size" = 0x1000
|| | | | | "Open" = Yes
|| | | | | "Preferred Block Size" = 0x1000
|| | | | | "RoleValue" = 0x100
|| | | | | "Writable" = Yes
|| | | | | "Sealed" = "No"
|| | | | | "IOBusyInterest" = "IOCommand is not serializable"
|| | | | | "FullName" = "xART"
|| | | | | "Size" = 0x1f400000
|| | | | | "Content" = "41504653-0000-11AA-AA11-00306543ECAC"

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|| | | | | "BSD Minor" = 0x7
|| | | | | "FormattedBy" = "newfs_apfs (1677.60.23)"
|| | | | | "Whole" = No
|| | | | | "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| | | | | "Removable" = No
|| | | | | "UUID" = "4AED8E8B-D0D8-4988-BA0C-6DEAE58FCBCA"
|| | | | | "CaseSensitive" = No
|| | | | | "Statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x26,"Calls to
VNOP_GETATTRLISTBULK"=0x3,"Calls to VNOP_CLOSE"=0x1b,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x9,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Calls to $
|| | | | | "BSD Unit" = 0x1
|| | | | | "Ejectable" = No
|| | | | | "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
|| | | | | "Role" = ("xART")
|| | | | | "BSD Name" = "disk1s2"
|| | | | | "BSD Major" = 0x1
|| | | | | "Physical Block Size" = 0x1000
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "autodiskmount" = No
|| | | | | "Status" = "Online"
|| | | | | "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| | | | | "Leaf" = Yes
|| | | | | }
|| | | | | }
|| | | | | | +-o AppleAPFSVolumeBSDClient <class AppleAPFSVolumeBSDClient, id 0x1000006e9, registered,
matched, active, busy 0 (0 ms), retain 7>
|| | | | | | {
|| | | | | | "IOProbeScore" = 0x7918
|| | | | | | "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| | | | | | "IOMatchCategory" = "IOMediaBSDClient"
|| | | | | | "IOClass" = "AppleAPFSVolumeBSDClient"
|| | | | | | "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| | | | | | "IOProviderClass" = "AppleAPFSVolume"
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "IOResourceMatch" = "IOBSD"
|| | | | | | }
|| | | | | | +-o Hardware@3 <class AppleAPFSVolume, id 0x1000006e1, registered, matched, active, busy 0 (0
ms), retain 11>
|| | | | | | {
|| | | | | | "Logical Block Size" = 0x1000
|| | | | | | "Open" = Yes
|| | | | | | "Preferred Block Size" = 0x1000
|| | | | | | "RoleValue" = 0x140
|| | | | | | "Writable" = Yes
|| | | | | | "Sealed" = "No"
|| | | | | | "IOBusyInterest" = "IOCommand is not serializable"
|| | | | | | "FullName" = "Hardware"
|| | | | | | "Size" = 0x1f400000
|| | | | | | "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| | | | | | "BSD Minor" = 0x5
|| | | | | | "FormattedBy" = "newfs_apfs (1677.60.23)"
|| | | | | | "Whole" = No
|| | | | | | "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| | | | | | "Removable" = No
|| | | | | | "UUID" = "AB01C4CD-318C-41C4-879C-6A135D8B1162"
|| | | | | | "CaseSensitive" = No
|| | | | | | "Statistics" = {"Metadata: Number of fsroot bytes written"=0x6000,"Bytes read from block
device"=0x1c000,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x112,"Calls to
VNOP_GETATTRLISTBULK"=0x2,"Calls to VNOP_CLOSE"=0x45,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x32,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x22,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x15,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0$
|| | | | | | "BSD Unit" = 0x1
|| | | | | | "Ejectable" = No
|| | | | | | "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
|| | | | | | "Role" = ("Hardware")
|| | | | | | "BSD Name" = "disk1s3"
|| | | | | | "BSD Major" = 0x1
|| | | | | | "Physical Block Size" = 0x1000
|| | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | "autodiskmount" = No
|| | | | | | "Status" = "Online"
|| | | | | | "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| | | | | | "Leaf" = Yes
|| | | | | | }
|| | | | | | }
|| | | | | | +-o AppleAPFSVolumeBSDClient <class AppleAPFSVolumeBSDClient, id 0x1000006e3, registered,
matched, active, busy 0 (0 ms), retain 7>
|| | | | | | {
|| | | | | | "IOProbeScore" = 0x7918
|| | | | | | "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| | | | | | "IOMatchCategory" = "IOMediaBSDClient"
|| | | | | | "IOClass" = "AppleAPFSVolumeBSDClient"
|| | | | | | "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| | | | | | "IOProviderClass" = "AppleAPFSVolume"
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "IOResourceMatch" = "IOBSD"
|| | | | | | }
|| | | | | | +-o Recovery@4 <class AppleAPFSVolume, id 0x1000006e2, registered, matched, active, busy 0 (0
ms), retain 9>
|| | | | | | {
|| | | | | | "Logical Block Size" = 0x1000
|| | | | | | "Open" = No
|| | | | | | "Preferred Block Size" = 0x1000
|| | | | | | "RoleValue" = 0x4
|| | | | | | "Writable" = Yes
|| | | | | | "Sealed" = "No"
|| | | | | | "IOBusyInterest" = "IOCommand is not serializable"
|| | | | | | "FullName" = "Recovery"
|| | | | | | "Size" = 0x1f400000
|| | | | | | "Content" = "41504653-0000-11AA-AA11-00306543ECAC"

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|| | | | | "BSD Minor" = 0x6
|| | | | | "FormattedBy" = "newfs_apfs (1677.60.23)"
|| | | | | "Whole" = No
|| | | | | "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| | | | | "Removable" = No
|| | | | | "UUID" = "EA6E7ABF-0389-4941-92F8-F85F5F1ED8CA"
|| | | | | "CaseSensitive" = No
|| | | | | "Statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Calls to VN$
|| | | | | "BSD Unit" = 0x1
|| | | | | "Ejectable" = No
|| | | | | "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
|| | | | | "Role" = ("Recovery")
|| | | | | "BSD Name" = "disk1s4"
|| | | | | "BSD Major" = 0x1
|| | | | | "Physical Block Size" = 0x1000
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "autodiskmount" = No
|| | | | | "Status" = "Online"
|| | | | | "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| | | | | "Leaf" = Yes
|| | | | | }
|| | | | | }
|| | | | | +-o AppleAPFSVolumeBSDClient <class AppleAPFSVolumeBSDClient, id 0x1000006e5, registered,
matched, active, busy 0 (0 ms), retain 6>
|| | | | | {
|| | | | | "IOProbeScore" = 0x7918
|| | | | | "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| | | | | "IOMatchCategory" = "IOMediaBSDClient"
|| | | | | "IOClass" = "AppleAPFSVolumeBSDClient"
|| | | | | "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| | | | | "IOProviderClass" = "AppleAPFSVolume"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOResourceMatch" = "IOBSD"
|| | | | | }
|| | | | | +-o Container@2 <class IOMedia, id 0x1000006bb, registered, matched, active, busy 0 (34 ms), retain
12>
|| | | | | {
|| | | | | "Open" = Yes
|| | | | | "Preferred Block Size" = 0x1000
|| | | | | "Base" = 0x1f406000
|| | | | | "Writable" = Yes
|| | | | | "IOBusyInterest" = "IOCommand is not serializable"
|| | | | | "Size" = 0xe796829000
|| | | | | "Content" = "7C3457EF-0000-11AA-AA11-00306543ECAC"
|| | | | | "BSD Minor" = 0x2
|| | | | | "Whole" = No
|| | | | | "Removable" = No
|| | | | | "UUID" = "90CA652F-EC73-4348-8ABE-6A8F95D29425"
|| | | | | "BSD Unit" = 0x0
|| | | | | "BSD Major" = 0x1
|| | | | | "Ejectable" = No
|| | | | | "BSD Name" = "disk0s2"
|| | | | | "Partition ID" = 0x2
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "GPT Attributes" = 0x0
|| | | | | "Content Hint" = "7C3457EF-0000-11AA-AA11-00306543ECAC"
|| | | | | "Leaf" = No
|| | | | | "TierType" = "Main"
|| | | | | }
|| | | | | }
|| | | | | +-o IOMediaBSDClient <class IOMediaBSDClient, id 0x1000006bd, registered, matched, active, busy 0
(1 ms), retain 6>
|| | | | | {
|| | | | | "IOProbeScore" = 0x7530
|| | | | | "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| | | | | "IOMatchCategory" = "IOMediaBSDClient"
|| | | | | "IOClass" = "IOMediaBSDClient"
|| | | | | "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| | | | | "IOProviderClass" = "IOMedia"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOResourceMatch" = "IOBSD"
|| | | | | }
|| | | | | }
|| | | | | +-o AppleAPFSContainerScheme <class AppleAPFSContainerScheme, id 0x1000006be, registered, !
matched, active, busy 0 (33 ms), retain 7>
|| | | | | {
|| | | | | "IOClass" = "AppleAPFSContainerScheme"
|| | | | | "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| | | | | "IOProviderClass" = "IOMedia"
|| | | | | "IOPropertyMatch" = ("Content Hint"="7C3457EF-0000-11AA-AA11-00306543ECAC")
|| | | | | "IOProbeScore" = 0x7d0
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "IOMatchCategory" = "IOStorage"
|| | | | | "Statistics" = {"Operations (Read)"=0x1fae8e,"Bytes (Write)"=0xda0456000,"Operations
(Write)"=0x208e4f,"Bytes (Read)"=0xa8e60e000}
|| | | | | "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| | | | | "APFSComposited" = No
|| | | | | }
|| | | | | }
|| | | | | +-o AppleAPFSMedia <class AppleAPFSMedia, id 0x1000006c4, registered, matched, active, busy 0
(33 ms), retain 11>
|| | | | | {
|| | | | | "Logical Block Size" = 0x1000
|| | | | | "Open" = Yes
|| | | | | "Preferred Block Size" = 0x1000
|| | | | | "Writable" = Yes
|| | | | | "IOBusyInterest" = "IOCommand is not serializable"
|| | | | | "Size" = 0xe796829000

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|| || || || || "Content" = "EF57347C-0000-11AA-AA11-00306543ECAC"
|| || || || || "BSD Minor" = 0xc
|| || || || || "Whole" = Yes
|| || || || || "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| || || || || "Removable" = No
|| || || || || "EncryptionBlockSize" = 0x1000
|| || || || || "UUID" = "05703182-1664-4F0A-BFD3-15A59C59E1E4"
|| || || || || "BSD Unit" = 0x3
|| || || || || "BSD Major" = 0x1
|| || || || || "Ejectable" = No
|| || || || || "BSD Name" = "disk3"
|| || || || || "Physical Block Size" = 0x1000
|| || || || || "IOGeneralInterest" = "IOCommand is not serializable"
|| || || || || "Content Hint" = "EF57347C-0000-11AA-AA11-00306543ECAC"
|| || || || || "Leaf" = No
|| || || || || }
|| || || || || +-o AppleAPFSMediaBSDClient <class AppleAPFSMediaBSDClient, id 0x1000006ca, registered,
matched, active, busy 0 (0 ms), retain 7>
|| || || || || {
|| || || || || "IOProbeScore" = 0x7918
|| || || || || "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| || || || || "IOMatchCategory" = "IOMediaBSDClient"
|| || || || || "IOClass" = "AppleAPFSMediaBSDClient"
|| || || || || "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| || || || || "IOProviderClass" = "AppleAPFSMedia"
|| || || || || "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| || || || || "IOMatchedAtBoot" = Yes
|| || || || || "IOResourceMatch" = "IOBSD"
|| || || || || }
|| || || || || +-o AppleAPFSContainer <class AppleAPFSContainer, id 0x1000006de, registered, matched, active,
busy 0 (3 ms), retain 13>
|| || || || || {
|| || || || || "IOClass" = "AppleAPFSContainer"
|| || || || || "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| || || || || "IOProviderClass" = "IOMedia"
|| || || || || "IOPropertyMatch" = ({"Content Hint"="EF57347C-0000-11AA-AA11-00306543ECAC"})
|| || || || || "Logical Block Size" = 0x1000
|| || || || || "IOUserClientClass" = "AppleAPFSUserClient"
|| || || || || "IOProbeScore" = 0x3e8
|| || || || || "IOMatchedAtBoot" = Yes
|| || || || || "IOGeneralInterest" = "IOCommand is not serializable"
|| || || || || "IOMatchCategory" = "IOStorage"
|| || || || || "Statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x434a000,"Metadata:
Number of write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/
Os"=0x114d5f6,"Write burst: Total time"=0x1d05d38b3ce,"Bytes read from block device"=0xa244ef00,"Object cache:
Number of writes"=0x9784a,"Object cache: Number of objects processed by partial cache flushes"=0x0,"Read requests
sent to block device"=0x190cf5,"Metadata: Number of bytes written"=0x9784a000,"Write burst$
|| || || || || "UUID" = "05703182-1664-4F0A-BFD3-15A59C59E1E4"
|| || || || || "ContainerBlockSize" = 0x1000
|| || || || || "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| || || || || "Status" = "Online"
|| || || || || "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| || || || || "IOAPFSPreBootDevice" = ("Preboot@2")
|| || || || || }
|| || || || || +-o Macintosh HD@1 <class AppleAPFSVolume, id 0x1000006f1, registered, matched, active, busy
0 (2 ms), retain 14>
|| || || || || {
|| || || || || "Logical Block Size" = 0x1000
|| || || || || "Open" = Yes
|| || || || || "Preferred Block Size" = 0x1000
|| || || || || "RoleValue" = 0x1
|| || || || || "Writable" = Yes
|| || || || || "Sealed" = "Broken"
|| || || || || "IOBusyInterest" = "IOCommand is not serializable"
|| || || || || "FullName" = "Macintosh HD"
|| || || || || "Size" = 0xe796829000
|| || || || || "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| || || || || "VolBootable" = Yes
|| || || || || "FormattedBy" = "newfs_apfs (945.200.129.100.12)"
|| || || || || "Whole" = No
|| || || || || "BSD Minor" = 0xd
|| || || || || "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| || || || || "Removable" = No
|| || || || || "UUID" = "9B8F794C-54EF-4B8D-8136-543A84AF1656"
|| || || || || "CaseSensitive" = No
|| || || || || "Statistics" = {"Metadata: Number of fsroot bytes written"=0x5000,"Bytes read from block
device"=0x84475000,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0xdec23,"Calls to
VNOP_GETATTRLISTBULK"=0xb0b5,"Calls to VNOP_CLOSE"=0x4c0a1,"Calls to VNOP_MNOMAP"=0x34e2,"Calls to
VNOP_INACTIVE"=0xd1a1,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x734b0,"File defrag:
Number of failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x11228,"Calls to VNOP_CREATE"=0x0,"Metadata:
Number of object$
|| || || || || "BSD Unit" = 0x3
|| || || || || "Ejectable" = No
|| || || || || "VolGroupUUID" = "95EBB6BC-6972-46A0-B762-465E44EF5BA0"
|| || || || || "Role" = ("System")
|| || || || || "BSD Name" = "disk3s1"
|| || || || || "BSD Major" = 0x1
|| || || || || "Physical Block Size" = 0x1000
|| || || || || "IOGeneralInterest" = "IOCommand is not serializable"
|| || || || || "VolGroupMntFromName" = "/dev/disk3s1s1"
|| || || || || "Status" = "Online"
|| || || || || "autodiskmount" = No
|| || || || || "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| || || || || "Leaf" = Yes
|| || || || || }
|| || || || || +-o AppleAPFSVolumeBSDClient <class AppleAPFSVolumeBSDClient, id 0x1000006f7, registered,
matched, active, busy 0 (0 ms), retain 6>
|| || || || || {
|| || || || || "IOProbeScore" = 0x7918
|| || || || || "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| || || || || "IOMatchCategory" = "IOMediaBSDClient"
|| || || || || "IOClass" = "AppleAPFSVolumeBSDClient"
|| || || || || "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| || || || || "IOProviderClass" = "AppleAPFSVolume"

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    }
ms), retain 11> +-o RecoveryOSContainer@3 <class IOMedia, id 0x1000006bc, registered, matched, active, busy 0 (17
    | {
    |   "Open" = No
    |   "Preferred Block Size" = 0x1000
    |   "Base" = 0xe7b5c2f000
    |   "Writable" = Yes
    |   "IOBusyInterest" = "IOCommand is not serializable"
    |   "Size" = 0x13fff5000
    |   "Content" = "52637672-7900-11AA-AA11-00306543ECAC"
    |   "BSD Minor" = 0x3
    |   "Whole" = No
    |   "Removable" = No
    |   "UUID" = "B425139C-5C8D-4EE2-8B3C-CE13CCEDB9E5"
    |   "BSD Unit" = 0x0
    |   "BSD Major" = 0x1
    |   "Ejectable" = No
    |   "BSD Name" = "disk0s3"
    |   "Partition ID" = 0x3
    |   "IOGeneralInterest" = "IOCommand is not serializable"
    |   "GPT Attributes" = 0x0
    |   "Content Hint" = "52637672-7900-11AA-AA11-00306543ECAC"
    |   "Leaf" = No
    |   "TierType" = "Main"
    | }
+-o IOMediaBSDClient <class IOMediaBSDClient, id 0x1000006bf, registered, matched, active, busy 0
(0 ms), retain 6>
    | {
    |   "IOProbeScore" = 0x7530
    |   "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
    |   "IOMatchCategory" = "IOMediaBSDClient"
    |   "IOClass" = "IOMediaBSDClient"
    |   "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
    |   "IOProviderClass" = "IOMedia"
    |   "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
    |   "IOMatchedAtBoot" = Yes
    |   "IOResourceMatch" = "IOBSD"
    | }
+-o AppleAPFSContainerScheme <class AppleAPFSContainerScheme, id 0x1000006c1, !registered, !
matched, active, busy 0 (15 ms), retain 6>
    | {
    |   "IOClass" = "AppleAPFSContainerScheme"
    |   "CFBundleIdentifier" = "com.apple.filesystems.apfs"
    |   "IOProviderClass" = "IOMedia"
    |   "IOPropertyMatch" = ({ "Content Hint" = "52637672-7900-11AA-AA11-00306543ECAC" })
    |   "IOProbeScore" = 0x7d0
    |   "IOMatchedAtBoot" = Yes
    |   "IOGeneralInterest" = "IOCommand is not serializable"
    |   "IOMatchCategory" = "IOStorage"
    |   "Statistics" = ("Operations (Read)"=0x1120,"Bytes (Write)"=0x0,"Operations (Write)"=0x0,"Bytes
(Read)"=0x1288000)
    |   "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
    |   "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
    |   "APFSComposited" = No
    | }
+-o AppleAPFSMedia <class AppleAPFSMedia, id 0x1000006cb, registered, matched, active, busy 0
(15 ms), retain 10>
    | {
    |   "Logical Block Size" = 0x1000
    |   "Open" = No
    |   "Preferred Block Size" = 0x1000
    |   "Writable" = Yes
    |   "IOBusyInterest" = "IOCommand is not serializable"
    |   "Size" = 0x13fff5000
    |   "Content" = "EF57347C-0000-11AA-AA11-00306543ECAC"
    |   "BSD Minor" = 0x9
    |   "Whole" = Yes
    |   "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
    |   "Removable" = No
    |   "EncryptionBlockSize" = 0x1000
    |   "UUID" = "5D5C45C8-5BBF-430D-8A16-95D79DE62FF6"
    |   "BSD Unit" = 0x2
    |   "BSD Major" = 0x1
    |   "Ejectable" = No
    |   "BSD Name" = "disk2"
    |   "Physical Block Size" = 0x1000
    |   "IOGeneralInterest" = "IOCommand is not serializable"
    |   "Content Hint" = "EF57347C-0000-11AA-AA11-00306543ECAC"
    |   "Leaf" = No
    |   "OSInternal" = Yes
    | }
+-o AppleAPFSMediaBSDClient <class AppleAPFSMediaBSDClient, id 0x1000006d2, registered,
matched, active, busy 0 (0 ms), retain 6>
    | {
    |   "IOProbeScore" = 0x7918
    |   "CFBundleIdentifier" = "com.apple.filesystems.apfs"
    |   "IOMatchCategory" = "IOMediaBSDClient"
    |   "IOClass" = "AppleAPFSMediaBSDClient"
    |   "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
    |   "IOProviderClass" = "AppleAPFSMedia"
    |   "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
    |   "IOMatchedAtBoot" = Yes
    |   "IOResourceMatch" = "IOBSD"
    | }
+-o AppleAPFSContainer <class AppleAPFSContainer, id 0x1000006db, registered, matched, active,
busy 0 (1 ms), retain 7>
    | {
    |   "IOClass" = "AppleAPFSContainer"
    |   "CFBundleIdentifier" = "com.apple.filesystems.apfs"
    |   "IOProviderClass" = "IOMedia"
    |   "IOPropertyMatch" = ({ "Content Hint" = "EF57347C-0000-11AA-AA11-00306543ECAC" })

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|| | | | | "Logical Block Size" = 0x1000
|| | | | | "IOUserClientClass" = "AppleAPFSUserClient"
|| | | | | "IOProbeScore" = 0x3e8
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "IOMatchCategory" = "IOStorage"
|| | | | | "Statistics" = {"Metadata: Number of spaceman bitmap bytes read"=0x0,"Metadata: Number of
write errors"=0x0,"Number of times device's cache flushed"=0x0,"Write burst: Total number of I/Os"=0x0,"Write burst:
Total time"=0x0,"Bytes read from block device"=0x0,"Object cache: Number of writes"=0x0,"Object cache: Number of
objects processed by partial cache flushes"=0x0,"Read requests sent to block device"=0x0,"Metadata: Number of bytes
written"=0x0,"Write burst: Total time between bursts"=0x0,"Object cache$
|| | | | | "UUID" = "5D5C45C8-5BBF-430D-8A16-95D79DE62FF6"
|| | | | | "ContainerBlockSize" = 0x1000
|| | | | | "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| | | | | "Status" = "Online"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| | | | | }
|| | | | | +-o Recovery@1 <class AppleAPFSVolume, id 0x1000006eb, registered, matched, active, busy 0 (1
ms), retain 9>
|| | | | | {
|| | | | | | "Logical Block Size" = 0x1000
|| | | | | | "Open" = No
|| | | | | | "Preferred Block Size" = 0x1000
|| | | | | | "RoleValue" = 0x4
|| | | | | | "Writable" = Yes
|| | | | | | "Sealed" = "No"
|| | | | | | "IOBusyInterest" = "IOCommand is not serializable"
|| | | | | | "FullName" = "Recovery"
|| | | | | | "Size" = 0x13fff5000
|| | | | | | "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| | | | | | "BSD Minor" = 0xb
|| | | | | | "FormattedBy" = "newfs_apfs (1677.60.23)"
|| | | | | | "Whole" = No
|| | | | | | "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| | | | | | "Removable" = No
|| | | | | | "UUID" = "3A4147DF-2D78-478E-AAF0-E6B64D8568EE"
|| | | | | | "CaseSensitive" = No
|| | | | | | "Statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Calls to VN$
|| | | | | | "BSD Unit" = 0x2
|| | | | | | "Ejectable" = No
|| | | | | | "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
|| | | | | | "Role" = ("Recovery")
|| | | | | | "BSD Name" = "disk2s1"
|| | | | | | "BSD Major" = 0x1
|| | | | | | "Physical Block Size" = 0x1000
|| | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | "autodiskmount" = No
|| | | | | | "Status" = "Online"
|| | | | | | "Content Hint" = "41504653-0000-11AA-AA11-00306543ECAC"
|| | | | | | "Leaf" = Yes
|| | | | | | }
|| | | | | | +-o AppleAPFSVolumeBSDClient <class AppleAPFSVolumeBSDClient, id 0x1000006ee, registered,
matched, active, busy 0 (0 ms), retain 6>
|| | | | | | {
|| | | | | | | "IOProbeScore" = 0x7918
|| | | | | | | "CFBundleIdentifier" = "com.apple.filesystems.apfs"
|| | | | | | | "IOMatchCategory" = "IOMediaBSDClient"
|| | | | | | | "IOClass" = "AppleAPFSVolumeBSDClient"
|| | | | | | | "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
|| | | | | | | "IOProviderClass" = "AppleAPFSVolume"
|| | | | | | | "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
|| | | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | | "IOResourceMatch" = "IOBSD"
|| | | | | | | }
|| | | | | | +-o Update@2 <class AppleAPFSVolume, id 0x1000006ec, registered, matched, active, busy 0 (1
ms), retain 9>
|| | | | | | {
|| | | | | | | "Logical Block Size" = 0x1000
|| | | | | | | "Open" = No
|| | | | | | | "Preferred Block Size" = 0x1000
|| | | | | | | "RoleValue" = 0xc0
|| | | | | | | "Writable" = Yes
|| | | | | | | "Sealed" = "No"
|| | | | | | | "IOBusyInterest" = "IOCommand is not serializable"
|| | | | | | | "FullName" = "Update"
|| | | | | | | "Size" = 0x13fff5000
|| | | | | | | "Content" = "41504653-0000-11AA-AA11-00306543ECAC"
|| | | | | | | "BSD Minor" = 0xa
|| | | | | | | "FormattedBy" = "com.apple.Mobile (1677.60.23)"
|| | | | | | | "Whole" = No
|| | | | | | | "IOStorageFeatures" = {"Unmap"=Yes,"Priority"=Yes,"Barrier"=Yes}
|| | | | | | | "Removable" = No
|| | | | | | | "UUID" = "784D52F1-69B0-49B8-9FDD-83CCBC2D4CC2"
|| | | | | | | "CaseSensitive" = No
|| | | | | | | "Statistics" = {"Metadata: Number of fsroot bytes written"=0x0,"Bytes read from block
device"=0x0,"Calls to VNOP_ALLOCATE"=0x0,"Calls to VNOP_LOOKUP"=0x0,"Calls to
VNOP_GETATTRLISTBULK"=0x0,"Calls to VNOP_CLOSE"=0x0,"Calls to VNOP_MNOMAP"=0x0,"Calls to
VNOP_INACTIVE"=0x0,"Calls to VNOP_REMOVENAMEDSTREAM"=0x0,"Calls to VNOP_READ"=0x0,"File defrag: Number of
failed defrag attempts"=0x0,"Calls to VNOP_BLOCKMAP"=0x0,"Calls to VNOP_CREATE"=0x0,"Metadata: Number of
objects failed to write"=0x0,"Calls to VN$
|| | | | | | | "BSD Unit" = 0x2
|| | | | | | | "Ejectable" = No
|| | | | | | | "VolGroupUUID" = "00000000-0000-0000-0000-000000000000"
|| | | | | | | "Role" = ("Update")
|| | | | | | | "BSD Name" = "disk2s2"
|| | | | | | | "BSD Major" = 0x1
|| | | | | | | "Physical Block Size" = 0x1000
|| | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | | "autodiskmount" = No
|| | | | | | | "Status" = "Online"

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8>
| | | | {
| | | | "pre-loaded" = <01000000>
| | | | "quiesced" = <>
| | | | "compatible" = <696f702d6e75622c727462756464792d763200>
| | | | "coredump-enable" = <40000000>
| | | | "AAPL_phandle" = <a3000000>
| | | | "region-base" = <0000e03f02000000>
| | | | "firmware-name" = <7438313033736d6300>
| | | | "running" = <01000000>
| | | | "no-shutdown" = <01000000>
| | | | "region-size" = <0000100000000000>
| | | | "KDebugCoreID" = 0xb
| | | | "cold-boot-after-hibernate" = <>
| | | | "no-hibernate-sleep" = <>
| | | | "watchdog-enable" = <>
| | | | "coredump-active-only" = <>
| | | | "name" = <696f702d736d632d6e756200>
| | | | "user-power-managed" = <01000000>
| | | | }
| | | |
| | | | +-o RTBuddyV2 <class RTBuddyV2, id 0x1000003bc, registered, matched, active, busy 0 (1197 ms), retain 14>
| | | | {
| | | | | "IOClass" = "RTBuddyV2"
| | | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
| | | | | "IOProviderClass" = "AppleA7IOPNub"
| | | | | "IOPlatformPanicAction" = 0x15ba8
| | | | | "IOUserClientClass" = "RTBuddyUserClient"
| | | | | "IOProbeScore" = 0x0
| | | | | "IONameMatch" = "iop-nub,rtbuddy-v2"
| | | | | "IOMatchedAtBoot" = Yes
| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
| | | | | "IOReportLegend" =
| | | | | {"IOReportGroupName"="SMC","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),IOReportChannel
Info="{IOReportChannelUnit=0x100007980000018};IOReportSubGroupName="IOP State"})
| | | | | "IOReportLegendPublic" = Yes
| | | | | "IONameMatched" = "iop-nub,rtbuddy-v2"
| | | | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
| | | | | "role" = "SMC"
| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
| | | | | }
| | | | |
| | | | | +-o SMCEndpoint1 <class RTBuddyEndpointService, id 0x1000003ce, registered, matched, active, busy 0
(1190 ms), retain 7>
| | | | | {
| | | | | }
| | | | | +-o AppleSMC <class AppleSMC, id 0x100000419, registered, matched, active, busy 0 (1148 ms), retain 237>
| | | | | {
| | | | | | "IOClass" = "AppleSMC"
| | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSMC"
| | | | | | "IOProviderClass" = "RTBuddyEndpointService"
| | | | | | "IOPlatformPanicAction" = 0x15ba8
| | | | | | "IOPlatformWakeAction" = 0x12c
| | | | | | "IOPowerManagement" =
| | | | | | {"ChildrenPowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
| | | | | | "IOPlatformSleepAction" = 0x12c
| | | | | | "IOProbeScore" = 0x0
| | | | | | "IONameMatch" = "SMCEndpoint1"
| | | | | | "IOMatchedAtBoot" = Yes
| | | | | | "IOMatchCategory" = "AppleSMC"
| | | | | | "Generation" = 0x4
| | | | | | "IOUserClientClass" = "AppleSMCClient"
| | | | | | "IONameMatched" = "SMCEndpoint1"
| | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSMC"
| | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSMC"
| | | | | | "DeviceOpenedByEventSystem" = Yes
| | | | | | }
| | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000044a, registered, matched,
active, busy 0 (1016 ms), retain 8>
| | | | | | {
| | | | | | | "IOCFPlugInTypes" = {"7DDECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
| | | | | | | "VendorID" = 0x0
| | | | | | | "CountryCode" = 0x0
| | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | | | "Product" = "PMU VP0u"
| | | | | | | "VersionNumber" = 0x0
| | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | | | "PrimaryUsage" = 0x3
| | | | | | | "LocationID" = 0x56503075
| | | | | | | "HIDEventServiceProperties" =
| | | | | | | {"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},MTGestureConfigurationOverride="{Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | | | "ProductID" = 0x0
| | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
| | | | | | | "Built-In" = Yes
| | | | | | | "ReportInterval" = 0x0
| | | | | | | "HIDServiceSupport" = Yes
| | | | | | | "PrimaryUsagePage" = 0xff08
| | | | | | | "VendorIDSource" = 0x0
| | | | | | | "QueueSize" = 0x0
| | | | | | | }
| | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aff, !registered, !
matched, active, busy 0, retain 6>
| | | | | | | {
| | | | | | | | "DebugState" = {}
| | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | | | | "IOUserClientDefaultLocking" = Yes
| | | | | | | | }
| | | | | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x10000044b, registered, matched,

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    | | | | | "DebugState" = {}
    | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000044e, registered, matched,
active, busy 0 (1011 ms), retain 8>
    | | | | | {
    | | | | | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | | | | | | | "VendorID" = 0x0
    | | | | | | | | | | "CountryCode" = 0x0
    | | | | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | | | | | | "Product" = "PMU tdev3"
    | | | | | | | | | | "VersionNumber" = 0x0
    | | | | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | | | | | "PrimaryUsage" = 0x5
    | | | | | | | | | | "LocationID" = 0x54503364
    | | | | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | | | | | | "ProductID" = 0x0
    | | | | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    | | | | | | | | | | "Built-In" = Yes
    | | | | | | | | | | "ReportInterval" = 0x0
    | | | | | | | | | | "HIDServiceSupport" = Yes
    | | | | | | | | | | "PrimaryUsagePage" = 0xff00
    | | | | | | | | | | "VendorIDSource" = 0x0
    | | | | | | | | | | "QueueSize" = 0x0
    | | | | | | | | | | }
    | | | | | | | | | | }
    | | | | | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x10000ab2, !registered, !
matched, active, busy 0, retain 6>
    | | | | | | | | | | {
    | | | | | | | | | | | | | | | "DebugState" = {}
    | | | | | | | | | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | | | | | | | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | | | | | | | | | | | }
    | | | | | | | | | | | | | | | }
    | | | | | | | | | | | | | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000044f, registered, matched,
active, busy 0 (1008 ms), retain 8>
    | | | | | | | | | | | | | | | {
    | | | | | | | | | | | | | | | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | | | | | | | | | | | | | | | | | "VendorID" = 0x0
    | | | | | | | | | | | | | | | | | | | | "CountryCode" = 0x0
    | | | | | | | | | | | | | | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | | | | | | | | | | | | | | | | "Product" = "PMU tdev4"
    | | | | | | | | | | | | | | | | | | | | "VersionNumber" = 0x0
    | | | | | | | | | | | | | | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | | | | | | | | | | | | | | | "PrimaryUsage" = 0x5
    | | | | | | | | | | | | | | | | | | | | "LocationID" = 0x54503464
    | | | | | | | | | | | | | | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | | | | | | | | | | | | | | | | "ProductID" = 0x0
    | | | | | | | | | | | | | | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    | | | | | | | | | | | | | | | | | | | | "Built-In" = Yes
    | | | | | | | | | | | | | | | | | | | | "ReportInterval" = 0x0
    | | | | | | | | | | | | | | | | | | | | "HIDServiceSupport" = Yes
    | | | | | | | | | | | | | | | | | | | | "PrimaryUsagePage" = 0xff00
    | | | | | | | | | | | | | | | | | | | | "VendorIDSource" = 0x0
    | | | | | | | | | | | | | | | | | | | | "QueueSize" = 0x0
    | | | | | | | | | | | | | | | | | | | | }
    | | | | | | | | | | | | | | | | | | | | }
    | | | | | | | | | | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x10000ab1, !registered, !
matched, active, busy 0, retain 6>
    | | | | | | | | | | | | | | | {
    | | | | | | | | | | | | | | | | | | | | "DebugState" = {}
    | | | | | | | | | | | | | | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | | | | | | | | | | | | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | | | | | | | | | | | | | | | | }
    | | | | | | | | | | | | | | | | | | | | }
    | | | | | | | | | | | | | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x10000450, registered, matched,
active, busy 0 (1014 ms), retain 8>
    | | | | | | | | | | | | | | | {
    | | | | | | | | | | | | | | | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | | | | | | | | | | | | | | | | | "VendorID" = 0x0
    | | | | | | | | | | | | | | | | | | | | "CountryCode" = 0x0
    | | | | | | | | | | | | | | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | | | | | | | | | | | | | | | | "Product" = "PMU tdev5"
    | | | | | | | | | | | | | | | | | | | | "VersionNumber" = 0x0
    | | | | | | | | | | | | | | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | | | | | | | | | | | | | | | "PrimaryUsage" = 0x5
    | | | | | | | | | | | | | | | | | | | | "LocationID" = 0x54503564
    | | | | | | | | | | | | | | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | | | | | | | | | | | | | | | | "ProductID" = 0x0
    | | | | | | | | | | | | | | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    | | | | | | | | | | | | | | | | | | | | "Built-In" = Yes
    | | | | | | | | | | | | | | | | | | | | "ReportInterval" = 0x0
    | | | | | | | | | | | | | | | | | | | | "HIDServiceSupport" = Yes
    | | | | | | | | | | | | | | | | | | | | "PrimaryUsagePage" = 0xff00
    | | | | | | | | | | | | | | | | | | | | "VendorIDSource" = 0x0
    | | | | | | | | | | | | | | | | | | | | }
```



```
    || | | | "QueueSize" = 0x0
    || | | | }
    || | | |
    || | | | |+-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ab0, !registered, !
matched, active, busy 0, retain 6>
    || | | | | {
    || | | | | "DebugState" = {}
    || | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    || | | | | "IOUserClientDefaultLocking" = Yes
    || | | | | }
    || | | | |+-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x100000451, registered, matched,
active, busy 0 (1013 ms), retain 8>
    || | | | | {
    || | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    || | | | | "VendorID" = 0x0
    || | | | | "CountryCode" = 0x0
    || | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | | | | "Product" = "PMU tdev6"
    || | | | | "VersionNumber" = 0x0
    || | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    || | | | | "PrimaryUsage" = 0x5
    || | | | | "LocationID" = 0x54503664
    || | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    || | | | | "ProductID" = 0x0
    || | | | | "DeviceUsagePairs" = ({("DeviceUsagePage"=0xff00,"DeviceUsage"=0x5)})
    || | | | | "Built-In" = Yes
    || | | | | "ReportInterval" = 0x0
    || | | | | "HIDServiceSupport" = Yes
    || | | | | "PrimaryUsagePage" = 0xff00
    || | | | | "VendorIDSource" = 0x0
    || | | | | "QueueSize" = 0x0
    || | | | | }
    || | | | | |+-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aaf, !registered, !
matched, active, busy 0, retain 6>
    || | | | | {
    || | | | | "DebugState" = {}
    || | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    || | | | | "IOUserClientDefaultLocking" = Yes
    || | | | | }
    || | | | |+-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x100000452, registered, matched,
active, busy 0 (1007 ms), retain 8>
    || | | | | {
    || | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    || | | | | "VendorID" = 0x0
    || | | | | "CountryCode" = 0x0
    || | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | | | | "Product" = "PMU tdev7"
    || | | | | "VersionNumber" = 0x0
    || | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    || | | | | "PrimaryUsage" = 0x5
    || | | | | "LocationID" = 0x54503764
    || | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    || | | | | "ProductID" = 0x0
    || | | | | "DeviceUsagePairs" = ({("DeviceUsagePage"=0xff00,"DeviceUsage"=0x5)})
    || | | | | "Built-In" = Yes
    || | | | | "ReportInterval" = 0x0
    || | | | | "HIDServiceSupport" = Yes
    || | | | | "PrimaryUsagePage" = 0xff00
    || | | | | "VendorIDSource" = 0x0
    || | | | | "QueueSize" = 0x0
    || | | | | }
    || | | | | |+-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aae, !registered, !
matched, active, busy 0, retain 6>
    || | | | | {
    || | | | | "DebugState" = {}
    || | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    || | | | | "IOUserClientDefaultLocking" = Yes
    || | | | | }
    || | | | |+-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x100000453, registered, matched,
active, busy 0 (1009 ms), retain 8>
    || | | | | {
    || | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    || | | | | "VendorID" = 0x0
    || | | | | "CountryCode" = 0x0
    || | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | | | | "Product" = "PMU tdev8"
    || | | | | "VersionNumber" = 0x0
    || | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    || | | | | "PrimaryUsage" = 0x5
    || | | | | "LocationID" = 0x54503864
    || | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    || | | | | "ProductID" = 0x0
```

```
    || | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    || | | | | | | | "Built-In" = Yes
    || | | | | | | | "ReportInterval" = 0x0
    || | | | | | | | "HIDServiceSupport" = Yes
    || | | | | | | | "PrimaryUsagePage" = 0xff00
    || | | | | | | | "VendorIDSource" = 0x0
    || | | | | | | | "QueueSize" = 0x0
    || | | | | | | | }
    || | | | | | | | }
    || | | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aad, !registered, !
matched, active, busy 0, retain 6>
    || | | | | | | | {
    || | | | | | | | "DebugState" = {}
    || | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    || | | | | | | | "IOUserClientDefaultLocking" = Yes
    || | | | | | | | }
    || | | | | | | | }
    || | | | | | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x100000454, registered, matched,
active, busy 0 (1007 ms), retain 8>
    || | | | | | | | {
    || | | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    || | | | | | | | "VendorID" = 0x0
    || | | | | | | | "CountryCode" = 0x0
    || | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | | | | | | | "Product" = "PMU tdie1"
    || | | | | | | | "VersionNumber" = 0x0
    || | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    || | | | | | | | "PrimaryUsage" = 0x5
    || | | | | | | | "LocationID" = 0x5450316c
    || | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    || | | | | | | | "ProductID" = 0x0
    || | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    || | | | | | | | "Built-In" = Yes
    || | | | | | | | "ReportInterval" = 0x0
    || | | | | | | | "HIDServiceSupport" = Yes
    || | | | | | | | "PrimaryUsagePage" = 0xff00
    || | | | | | | | "VendorIDSource" = 0x0
    || | | | | | | | "QueueSize" = 0x0
    || | | | | | | | }
    || | | | | | | | }
    || | | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aac, !registered, !
matched, active, busy 0, retain 6>
    || | | | | | | | {
    || | | | | | | | "DebugState" = {}
    || | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    || | | | | | | | "IOUserClientDefaultLocking" = Yes
    || | | | | | | | }
    || | | | | | | | }
    || | | | | | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x100000455, registered, matched,
active, busy 0 (1007 ms), retain 8>
    || | | | | | | | {
    || | | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    || | | | | | | | "VendorID" = 0x0
    || | | | | | | | "CountryCode" = 0x0
    || | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | | | | | | | "Product" = "PMU tdie2"
    || | | | | | | | "VersionNumber" = 0x0
    || | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    || | | | | | | | "PrimaryUsage" = 0x5
    || | | | | | | | "LocationID" = 0x54503262
    || | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    || | | | | | | | "ProductID" = 0x0
    || | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    || | | | | | | | "Built-In" = Yes
    || | | | | | | | "ReportInterval" = 0x0
    || | | | | | | | "HIDServiceSupport" = Yes
    || | | | | | | | "PrimaryUsagePage" = 0xff00
    || | | | | | | | "VendorIDSource" = 0x0
    || | | | | | | | "QueueSize" = 0x0
    || | | | | | | | }
    || | | | | | | | }
    || | | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aab, !registered, !
matched, active, busy 0, retain 6>
    || | | | | | | | {
    || | | | | | | | "DebugState" = {}
    || | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    || | | | | | | | "IOUserClientDefaultLocking" = Yes
    || | | | | | | | }
    || | | | | | | | }
    || | | | | | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x100000456, registered, matched,
active, busy 0 (1005 ms), retain 8>
    || | | | | | | | {
    || | | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    || | | | | | | | "VendorID" = 0x0
    || | | | | | | | "CountryCode" = 0x0
    || | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | | | | | | | "Product" = "PMU TP3w"
    || | | | | | | | "VersionNumber" = 0x0
    || | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    || | | | | | | | "PrimaryUsage" = 0x5
    || | | | | | | | "LocationID" = 0x54503377
    || | | | | | | | "HIDEventServiceProperties" =
```

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{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aaa, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | +o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x100000457, registered, matched,
active, busy 0 (1004 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "PMU tdie4"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x5
|| | | | | "LocationID" = 0x54503462
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aa9, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | +o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x100000478, registered, matched,
active, busy 0 (1008 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "PMU tdie5"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x5
|| | | | | "LocationID" = 0x54503562
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aa8, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | +o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x10000047b, registered, matched,
active, busy 0 (1007 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"

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|| | | | "Product" = "PMU tdie6"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x5
|| | | | "LocationID" = 0x54503662
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff00
|| | | | "VendorIDSource" = 0x0
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | }
|| | | | | +--o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x10000aa7, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | "DebugState" = {}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | | +--o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x10000491, registered, matched,
active, busy 0 (1021 ms), retain 8>
|| | | | {
|| | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "PMU tdie7"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x5
|| | | | "LocationID" = 0x54503762
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff00
|| | | | "VendorIDSource" = 0x0
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | | +--o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x10000aa6, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | "DebugState" = {}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | | +--o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x100004a3, registered, matched,
active, busy 0 (1016 ms), retain 8>
|| | | | {
|| | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "PMU tdie8"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x5
|| | | | "LocationID" = 0x54503862
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff00
|| | | | "VendorIDSource" = 0x0
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | | +--o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x10000aa5, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | "DebugState" = {}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | | +--o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100004c8, registered, matched,
active, busy 0 (1015 ms), retain 8>
|| | | | {
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|| | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin";FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | "VendorID" = 0x0
|| | | "CountryCode" = 0x0
|| | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | "Product" = "PMU ldo0"
|| | | "VersionNumber" = 0x0
|| | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | "PrimaryUsage" = 0x3
|| | | "LocationID" = 0x56503062
|| | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},{"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | "ProductID" = 0x0
|| | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| | | "Built-In" = Yes
|| | | "ReportInterval" = 0x0
|| | | "HIDServiceSupport" = Yes
|| | | "PrimaryUsagePage" = 0xff08
|| | | "VendorIDSource" = 0x0
|| | | "QueueSize" = 0x0
|| | | }
|| | | }
|| | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000afe, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | "DebugState" = {}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | +o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000004c9, registered, matched,
active, busy 0 (1009 ms), retain 8>
|| | | | {
|| | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin";FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "PMU ldo1"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x3
|| | | | "LocationID" = 0x56503162
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},{"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff08
|| | | | "VendorIDSource" = 0x0
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | }
|| | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000afd, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | +o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000004db, registered, matched,
active, busy 0 (1010 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin";FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "PMU ldo2"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x3
|| | | | | "LocationID" = 0x56503262
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},{"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff08
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000afc, !registered, !
matched, active, busy 0, retain 6>
|| | | | | | {
|| | | | | | "DebugState" = {}
|| | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | | }
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    | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | |
    | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000004e1, registered, matched,
active, busy 0 (1006 ms), retain 8>
    | | | | | {
    | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    | | | | | | "VendorID" = 0x0
    | | | | | | "CountryCode" = 0x0
    | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | | "Product" = "PMU Ido3"
    | | | | | | "VersionNumber" = 0x0
    | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | "PrimaryUsage" = 0x3
    | | | | | | "LocationID" = 0x56503362
    | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | | "ProductID" = 0x0
    | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    | | | | | | "Built-In" = Yes
    | | | | | | "ReportInterval" = 0x0
    | | | | | | "HIDServiceSupport" = Yes
    | | | | | | "PrimaryUsagePage" = 0xff08
    | | | | | | "VendorIDSource" = 0x0
    | | | | | | "QueueSize" = 0x0
    | | | | | | }
    | | | | | | }
    | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000afb, !registered, !
matched, active, busy 0, retain 6>
    | | | | | | {
    | | | | | | | "DebugState" = {}
    | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | | }
    | | | | | | }
    | | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000004e2, registered, matched,
active, busy 0 (1007 ms), retain 8>
    | | | | | | {
    | | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    | | | | | | | "VendorID" = 0x0
    | | | | | | | "CountryCode" = 0x0
    | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | | | "Product" = "PMU Ido7"
    | | | | | | | "VersionNumber" = 0x0
    | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | | "PrimaryUsage" = 0x3
    | | | | | | | "LocationID" = 0x56503762
    | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | | | "ProductID" = 0x0
    | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    | | | | | | | "Built-In" = Yes
    | | | | | | | "ReportInterval" = 0x0
    | | | | | | | "HIDServiceSupport" = Yes
    | | | | | | | "PrimaryUsagePage" = 0xff08
    | | | | | | | "VendorIDSource" = 0x0
    | | | | | | | "QueueSize" = 0x0
    | | | | | | | }
    | | | | | | | }
    | | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000afa, !registered, !
matched, active, busy 0, retain 6>
    | | | | | | | {
    | | | | | | | | "DebugState" = {}
    | | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | | | }
    | | | | | | | }
    | | | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000004e6, registered, matched,
active, busy 0 (1025 ms), retain 8>
    | | | | | | | {
    | | | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    | | | | | | | | "VendorID" = 0x0
    | | | | | | | | "CountryCode" = 0x0
    | | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | | | | "Product" = "PMU Ido8"
    | | | | | | | | "VersionNumber" = 0x0
    | | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | | | "PrimaryUsage" = 0x3
    | | | | | | | | "LocationID" = 0x56503862
    | | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | | | | "ProductID" = 0x0
    | | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    | | | | | | | | "Built-In" = Yes
    | | | | | | | | "ReportInterval" = 0x0
    | | | | | | | | "HIDServiceSupport" = Yes
    | | | | | | | | "PrimaryUsagePage" = 0xff08
    | | | | | | | | "VendorIDSource" = 0x0
    | | | | | | | | "QueueSize" = 0x0
    | | | | | | | | }
    | | | | | | | | }
```

```
    | | | | |
    | | | | | | +--o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000af9, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | | | "DebugState" = {}
    | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | | }
    | | | | | |
    | | | | | | +--o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000004ed, registered, matched,
active, busy 0 (1021 ms), retain 8>
    | | | | | | {
    | | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    | | | | | | | "VendorID" = 0x0
    | | | | | | | "CountryCode" = 0x0
    | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | | | "Product" = "PMU Ido9"
    | | | | | | | "VersionNumber" = 0x0
    | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | | "PrimaryUsage" = 0x3
    | | | | | | | "LocationID" = 0x56503962
    | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | | | "ProductID" = 0x0
    | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    | | | | | | | "Built-In" = Yes
    | | | | | | | "ReportInterval" = 0x0
    | | | | | | | "HIDServiceSupport" = Yes
    | | | | | | | "PrimaryUsagePage" = 0xff08
    | | | | | | | "VendorIDSource" = 0x0
    | | | | | | | "QueueSize" = 0x0
    | | | | | | | }
    | | | | | | | }
    | | | | | | | +--o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000af8, !registered, !
matched, active, busy 0, retain 6>
    | | | | | | {
    | | | | | | | "DebugState" = {}
    | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | | | }
    | | | | | | |
    | | | | | | | +--o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000004f2, registered, matched,
active, busy 0 (1020 ms), retain 8>
    | | | | | | | {
    | | | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    | | | | | | | | "VendorID" = 0x0
    | | | | | | | | "CountryCode" = 0x0
    | | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | | | | "Product" = "PMU Ido11"
    | | | | | | | | "VersionNumber" = 0x0
    | | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | | | "PrimaryUsage" = 0x3
    | | | | | | | | "LocationID" = 0x56506262
    | | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | | | | "ProductID" = 0x0
    | | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    | | | | | | | | "Built-In" = Yes
    | | | | | | | | "ReportInterval" = 0x0
    | | | | | | | | "HIDServiceSupport" = Yes
    | | | | | | | | "PrimaryUsagePage" = 0xff08
    | | | | | | | | "VendorIDSource" = 0x0
    | | | | | | | | "QueueSize" = 0x0
    | | | | | | | | }
    | | | | | | | | }
    | | | | | | | | +--o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000af7, !registered, !
matched, active, busy 0, retain 6>
    | | | | | | | {
    | | | | | | | | "DebugState" = {}
    | | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | | | | }
    | | | | | | | |
    | | | | | | | | +--o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000517, registered, matched,
active, busy 0 (1008 ms), retain 8>
    | | | | | | | | {
    | | | | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    | | | | | | | | | "VendorID" = 0x0
    | | | | | | | | | "CountryCode" = 0x0
    | | | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | | | | | "Product" = "PMU Ido14"
    | | | | | | | | | "VersionNumber" = 0x0
    | | | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | | | | "PrimaryUsage" = 0x3
    | | | | | | | | | "LocationID" = 0x56506562
    | | | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | | | | | "ProductID" = 0x0
    | | | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    | | | | | | | | | "Built-In" = Yes
```

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|| | | | | | | "ReportInterval" = 0x0
|| | | | | | | "HIDServiceSupport" = Yes
|| | | | | | | "PrimaryUsagePage" = 0xff08
|| | | | | | | "VendorIDSource" = 0x0
|| | | | | | | "QueueSize" = 0x0
|| | | | | | }
|| | | | | | }
|| | | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000af6, !registered, !
matched, active, busy 0, retain 6>
|| | | | | | | {
|| | | | | | | | "DebugState" = {}
|| | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | | | }
|| | | | | | | }
|| | | | | | | +o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000051a, registered, matched,
active, busy 0 (1009 ms), retain 8>
|| | | | | | | {
|| | | | | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | | | | "VendorID" = 0x0
|| | | | | | | | "CountryCode" = 0x0
|| | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | | | | "Product" = "PMU Ido0"
|| | | | | | | | "VersionNumber" = 0x0
|| | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | | | "PrimaryUsage" = 0x3
|| | | | | | | | "LocationID" = 0x5650306c
|| | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | | | | "ProductID" = 0x0
|| | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| | | | | | | | "Built-In" = Yes
|| | | | | | | | "ReportInterval" = 0x0
|| | | | | | | | "HIDServiceSupport" = Yes
|| | | | | | | | "PrimaryUsagePage" = 0xff08
|| | | | | | | | "VendorIDSource" = 0x0
|| | | | | | | | "QueueSize" = 0x0
|| | | | | | | }
|| | | | | | | }
|| | | | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000af5, !registered, !
matched, active, busy 0, retain 6>
|| | | | | | | | {
|| | | | | | | | | "DebugState" = {}
|| | | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | | | | }
|| | | | | | | }
|| | | | | | | | +o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000525, registered, matched,
active, busy 0 (1005 ms), retain 8>
|| | | | | | | | {
|| | | | | | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | | | | | "VendorID" = 0x0
|| | | | | | | | | "CountryCode" = 0x0
|| | | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | | | | | "Product" = "PMU Ido1"
|| | | | | | | | | "VersionNumber" = 0x0
|| | | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | | | | "PrimaryUsage" = 0x3
|| | | | | | | | | "LocationID" = 0x5650316c
|| | | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | | | | | "ProductID" = 0x0
|| | | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| | | | | | | | | "Built-In" = Yes
|| | | | | | | | | "ReportInterval" = 0x0
|| | | | | | | | | "HIDServiceSupport" = Yes
|| | | | | | | | | "PrimaryUsagePage" = 0xff08
|| | | | | | | | | "VendorIDSource" = 0x0
|| | | | | | | | | "QueueSize" = 0x0
|| | | | | | | | }
|| | | | | | | }
|| | | | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000af4, !registered, !
matched, active, busy 0, retain 6>
|| | | | | | | | {
|| | | | | | | | | "DebugState" = {}
|| | | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | | | | }
|| | | | | | | }
|| | | | | | | | +o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000529, registered, matched,
active, busy 0 (1008 ms), retain 8>
|| | | | | | | | {
|| | | | | | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | | | | | "VendorID" = 0x0
|| | | | | | | | | "CountryCode" = 0x0
|| | | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | | | | | "Product" = "PMU Ido2"
|| | | | | | | | | "VersionNumber" = 0x0
|| | | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | | | | "PrimaryUsage" = 0x3
|| | | | | | | | | "LocationID" = 0x5650326c
|| | | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
```



```
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},{"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000af3, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | }
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000533, registered, matched,
active, busy 0 (1007 ms), retain 8>
| | | | | {
| | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU Ido3"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x3
| | | | | "LocationID" = 0x5650336c
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},{"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000af2, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | }
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000053b, registered, matched,
active, busy 0 (1010 ms), retain 8>
| | | | | {
| | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU Ido5"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x3
| | | | | "LocationID" = 0x5650356c
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},{"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000af1, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | }
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000547, registered, matched,
active, busy 0 (1007 ms), retain 8>
| | | | | {
| | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU Ido7"
| | | | | "VersionNumber" = 0x0
```

```
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x3
|| | | | "LocationID" = 0x5650376c
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff08
|| | | | "VendorIDSource" = 0x0
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | }
|| | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000af0, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | "DebugState" = {}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | }
|| | | | | +o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000054c, registered, matched,
active, busy 0 (1006 ms), retain 8>
|| | | | {
|| | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "PMU Ido9"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x3
|| | | | "LocationID" = 0x5650396c
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff08
|| | | | "VendorIDSource" = 0x0
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | }
|| | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aef, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | "DebugState" = {}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | }
|| | | | | +o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000559, registered, matched,
active, busy 0 (1005 ms), retain 8>
|| | | | {
|| | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "PMU Ido10"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x3
|| | | | "LocationID" = 0x5650616c
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff08
|| | | | "VendorIDSource" = 0x0
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | }
|| | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aee, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | "DebugState" = {}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | }
|| | | | | +o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000055c, registered, matched,
active, busy 0 (1004 ms), retain 8>
|| | | | {
|| | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
```



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|| | | |
|| | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000056b, registered, matched,
active, busy 0 (1007 ms), retain 8>
|| | | | {
|| | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "PMU Ido19"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x3
|| | | | "LocationID" = 0x56506a6c
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff08
|| | | | "VendorIDSource" = 0x0
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | }
|| | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aea, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | "DebugState" = {}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | }
|| | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000057a, registered, matched,
active, busy 0 (1011 ms), retain 8>
|| | | | {
|| | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "PMU Ido0"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x2
|| | | | "LocationID" = 0x49503062
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff08
|| | | | "VendorIDSource" = 0x0
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | }
|| | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ae9, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | "DebugState" = {}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | }
|| | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000057c, registered, matched,
active, busy 0 (1011 ms), retain 8>
|| | | | {
|| | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "PMU Ido1"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x2
|| | | | "LocationID" = 0x49503162
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff08
|| | | | "VendorIDSource" = 0x0
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | }
|| | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ae8, !registered, !
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matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | |
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000057d, registered, matched,
active, busy 0 (1011 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU Ido2"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
| | | | | "LocationID" = 0x49503262
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | |
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ae7, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | |
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000580, registered, matched,
active, busy 0 (1010 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU Ido3"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
| | | | | "LocationID" = 0x49503362
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | |
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ae6, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | |
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000581, registered, matched,
active, busy 0 (1010 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU Ido7"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
| | | | | "LocationID" = 0x49503762
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes

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    | | | | | "PrimaryUsagePage" = 0xff08
    | | | | | "VendorIDSource" = 0x0
    | | | | | "QueueSize" = 0x0
    | | | | | }
    | | | | | }
    | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ae5, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |     "DebugState" = {}
    | | | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |     "IOUserClientDefaultLocking" = Yes
    | | | | |     }
    | | | | | }
    | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000582, registered, matched,
active, busy 0 (1009 ms), retain 8>
    | | | | | {
    | | | | |     "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | |     "VendorID" = 0x0
    | | | | |     "CountryCode" = 0x0
    | | | | |     "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | |     "Product" = "PMU Ido8"
    | | | | |     "VersionNumber" = 0x0
    | | | | |     "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |     "PrimaryUsage" = 0x2
    | | | | |     "LocationID" = 0x49503862
    | | | | |     "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | |     "ProductID" = 0x0
    | | | | |     "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
    | | | | |     "Built-In" = Yes
    | | | | |     "ReportInterval" = 0x0
    | | | | |     "HIDServiceSupport" = Yes
    | | | | |     "PrimaryUsagePage" = 0xff08
    | | | | |     "VendorIDSource" = 0x0
    | | | | |     "QueueSize" = 0x0
    | | | | |     }
    | | | | | }
    | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ae4, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |     "DebugState" = {}
    | | | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |     "IOUserClientDefaultLocking" = Yes
    | | | | |     }
    | | | | | }
    | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000583, registered, matched,
active, busy 0 (1010 ms), retain 8>
    | | | | | {
    | | | | |     "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | |     "VendorID" = 0x0
    | | | | |     "CountryCode" = 0x0
    | | | | |     "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | |     "Product" = "PMU Ido9"
    | | | | |     "VersionNumber" = 0x0
    | | | | |     "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |     "PrimaryUsage" = 0x2
    | | | | |     "LocationID" = 0x49503962
    | | | | |     "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | |     "ProductID" = 0x0
    | | | | |     "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
    | | | | |     "Built-In" = Yes
    | | | | |     "ReportInterval" = 0x0
    | | | | |     "HIDServiceSupport" = Yes
    | | | | |     "PrimaryUsagePage" = 0xff08
    | | | | |     "VendorIDSource" = 0x0
    | | | | |     "QueueSize" = 0x0
    | | | | |     }
    | | | | | }
    | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ae3, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |     "DebugState" = {}
    | | | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |     "IOUserClientDefaultLocking" = Yes
    | | | | |     }
    | | | | | }
    | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000584, registered, matched,
active, busy 0 (1006 ms), retain 8>
    | | | | | {
    | | | | |     "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | |     "VendorID" = 0x0
    | | | | |     "CountryCode" = 0x0
    | | | | |     "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | |     "Product" = "PMU Ido11"
    | | | | |     "VersionNumber" = 0x0
    | | | | |     "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |     "PrimaryUsage" = 0x2
    | | | | |     "LocationID" = 0x49506262
    | | | | |     "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
```

```
DPointerAcceleration=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ae2, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | }
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000587, registered, matched,
active, busy 0 (1009 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU Ido14"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
| | | | | "LocationID" = 0x49506562
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ae1, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | }
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000588, registered, matched,
active, busy 0 (1008 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU Ido0"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
| | | | | "LocationID" = 0x4950306c
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ae0, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | }
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000589, registered, matched,
active, busy 0 (1006 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU Ido1"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
```

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    | | | | | "LocationID" = 0x4950316c
    | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | "ProductID" = 0x0
    | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
    | | | | | "Built-In" = Yes
    | | | | | "ReportInterval" = 0x0
    | | | | | "HIDServiceSupport" = Yes
    | | | | | "PrimaryUsagePage" = 0xff08
    | | | | | "VendorIDSource" = 0x0
    | | | | | "QueueSize" = 0x0
    | | | | | }
    | | | | | }
    | | | | | |++o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000adf, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | | "DebugState" = {}
    | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | |++o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000058a, registered, matched,
active, busy 0 (1005 ms), retain 8>
    | | | | | {
    | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | | "VendorID" = 0x0
    | | | | | "CountryCode" = 0x0
    | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | "Product" = "PMU Ido2"
    | | | | | "VersionNumber" = 0x0
    | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | "PrimaryUsage" = 0x2
    | | | | | "LocationID" = 0x4950326c
    | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | "ProductID" = 0x0
    | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
    | | | | | "Built-In" = Yes
    | | | | | "ReportInterval" = 0x0
    | | | | | "HIDServiceSupport" = Yes
    | | | | | "PrimaryUsagePage" = 0xff08
    | | | | | "VendorIDSource" = 0x0
    | | | | | "QueueSize" = 0x0
    | | | | | }
    | | | | | }
    | | | | | |++o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ade, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | | "DebugState" = {}
    | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | |++o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000599, registered, matched,
active, busy 0 (1007 ms), retain 8>
    | | | | | {
    | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | | "VendorID" = 0x0
    | | | | | "CountryCode" = 0x0
    | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | "Product" = "PMU Ido3"
    | | | | | "VersionNumber" = 0x0
    | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | "PrimaryUsage" = 0x2
    | | | | | "LocationID" = 0x4950336c
    | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | "ProductID" = 0x0
    | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
    | | | | | "Built-In" = Yes
    | | | | | "ReportInterval" = 0x0
    | | | | | "HIDServiceSupport" = Yes
    | | | | | "PrimaryUsagePage" = 0xff08
    | | | | | "VendorIDSource" = 0x0
    | | | | | "QueueSize" = 0x0
    | | | | | }
    | | | | | }
    | | | | | |++o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000add, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | | "DebugState" = {}
    | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | |++o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000059a, registered, matched,
active, busy 0 (1005 ms), retain 8>
    | | | | | {
    | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | | "VendorID" = 0x0
```



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|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "PMU Ido5"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x2
|| | | | | "LocationID" = 0x4950356c
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff08
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000adc, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | | +o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000059d, registered, matched,
active, busy 0 (1005 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "PMU Ido7"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x2
|| | | | | "LocationID" = 0x4950376c
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff08
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000adb, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | | +o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000005af, registered, matched,
active, busy 0 (1006 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "PMU Ido9"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x2
|| | | | | "LocationID" = 0x4950396c
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff08
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ada, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | | +o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000005b1, registered, matched,
```

```
active, busy 0 (1006 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU Ido10"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
| | | | | "LocationID" = 0x4950616c
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | |++o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ad9, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | |++o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000005b2, registered, matched,
active, busy 0 (1006 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU Ido13"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
| | | | | "LocationID" = 0x4950646c
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | |++o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ad8, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | |++o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000005b3, registered, matched,
active, busy 0 (1006 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU Ido14"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
| | | | | "LocationID" = 0x4950656c
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | |++o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ad7, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
```



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|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | }
|| | | | |+-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ad4, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | "DebugState" = {}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000005c3, registered, matched,
active, busy 0 (1005 ms), retain 8>
|| | | | {
|| | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "PMU2 TR0Z"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x5
|| | | | "LocationID" = 0x5452305a
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({("DeviceUsagePage"=0xff00,"DeviceUsage"=0x5))
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff00
|| | | | "VendorIDSource" = 0x0
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | }
|| | | | |+-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aa4, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | "DebugState" = {}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000005c6, registered, matched,
active, busy 0 (1005 ms), retain 8>
|| | | | {
|| | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "PMU2 TR1d"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x5
|| | | | "LocationID" = 0x54523164
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({("DeviceUsagePage"=0xff00,"DeviceUsage"=0x5))
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff00
|| | | | "VendorIDSource" = 0x0
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | }
|| | | | |+-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aa3, !registered, !
matched, active, busy 0, retain 6>
|| | | | {
|| | | | "DebugState" = {}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000005c9, registered, matched,
active, busy 0 (1004 ms), retain 8>
|| | | | {
|| | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "PMU2 TR2d"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x5
|| | | | "LocationID" = 0x54523264
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | "ProductID" = 0x0
```

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|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aa2, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000005cb, registered, matched,
active, busy 0 (1005 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "PMU2 TR3d"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x5
|| | | | | "LocationID" = 0x54523364
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aa1, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000005d3, registered, matched,
active, busy 0 (1009 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "PMU2 TR4d"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x5
|| | | | | "LocationID" = 0x54523464
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aa0, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000005dd, registered, matched,
active, busy 0 (1010 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "PMU2 TR5d"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x5
|| | | | | "LocationID" = 0x54523564
|| | | | | "HIDEventServiceProperties" =
```

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{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | "ProductID" = 0x0
    | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    | | | | | "Built-In" = Yes
    | | | | | "ReportInterval" = 0x0
    | | | | | "HIDServiceSupport" = Yes
    | | | | | "PrimaryUsagePage" = 0xff00
    | | | | | "VendorIDSource" = 0x0
    | | | | | "QueueSize" = 0x0
    | | | | | }
    | | | | | }
    | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a9f, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |   "DebugState" = {}
    | | | | |   "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |   "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000005df, registered, matched,
active, busy 0 (1010 ms), retain 8>
    | | | | | {
    | | | | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | |   "VendorID" = 0x0
    | | | | |   "CountryCode" = 0x0
    | | | | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | |   "Product" = "PMU2 TR1"
    | | | | |   "VersionNumber" = 0x0
    | | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |   "PrimaryUsage" = 0x5
    | | | | |   "LocationID" = 0x5452316c
    | | | | |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | |   "ProductID" = 0x0
    | | | | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    | | | | |   "Built-In" = Yes
    | | | | |   "ReportInterval" = 0x0
    | | | | |   "HIDServiceSupport" = Yes
    | | | | |   "PrimaryUsagePage" = 0xff00
    | | | | |   "VendorIDSource" = 0x0
    | | | | |   "QueueSize" = 0x0
    | | | | |   }
    | | | | |   }
    | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a9e, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |   "DebugState" = {}
    | | | | |   "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |   "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000005e0, registered, matched,
active, busy 0 (1010 ms), retain 8>
    | | | | | {
    | | | | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | |   "VendorID" = 0x0
    | | | | |   "CountryCode" = 0x0
    | | | | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | |   "Product" = "PMU2 TR2"
    | | | | |   "VersionNumber" = 0x0
    | | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |   "PrimaryUsage" = 0x5
    | | | | |   "LocationID" = 0x5452326c
    | | | | |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | |   "ProductID" = 0x0
    | | | | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    | | | | |   "Built-In" = Yes
    | | | | |   "ReportInterval" = 0x0
    | | | | |   "HIDServiceSupport" = Yes
    | | | | |   "PrimaryUsagePage" = 0xff00
    | | | | |   "VendorIDSource" = 0x0
    | | | | |   "QueueSize" = 0x0
    | | | | |   }
    | | | | |   }
    | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a9d, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |   "DebugState" = {}
    | | | | |   "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |   "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000005e1, registered, matched,
active, busy 0 (1010 ms), retain 8>
    | | | | | {
    | | | | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | |   "VendorID" = 0x0
    | | | | |   "CountryCode" = 0x0
    | | | | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"

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|| | | | | "Product" = "PMU2 TR3b"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x5
|| | | | | "LocationID" = 0x54523362
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = {"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5)
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | | +--o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a9c, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | | +--o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000005e2, registered, matched,
active, busy 0 (1009 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "PMU2 TR4b"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x5
|| | | | | "LocationID" = 0x54523462
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = {"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5)
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | | +--o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a9b, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | | +--o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000005e3, registered, matched,
active, busy 0 (1009 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "PMU2 TR5b"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x5
|| | | | | "LocationID" = 0x54523562
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = {"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5)
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | | +--o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a9a, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | | +--o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x1000005e5, registered, matched,
active, busy 0 (1007 ms), retain 8>
|| | | | | {
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    | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000005ea, registered, matched,
active, busy 0 (1007 ms), retain 8>
    | | | | | {
    | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | | | "VendorID" = 0x0
    | | | | | | "CountryCode" = 0x0
    | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | | "Product" = "PMU2 VR4b"
    | | | | | | "VersionNumber" = 0x0
    | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | "PrimaryUsage" = 0x3
    | | | | | | "LocationID" = 0x56523462
    | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | | "ProductID" = 0x0
    | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    | | | | | | "Built-In" = Yes
    | | | | | | "ReportInterval" = 0x0
    | | | | | | "HIDServiceSupport" = Yes
    | | | | | | "PrimaryUsagePage" = 0xff08
    | | | | | | "VendorIDSource" = 0x0
    | | | | | | "QueueSize" = 0x0
    | | | | | | }
    | | | | | | }
    | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ad3, !registered, !
matched, active, busy 0, retain 6>
    | | | | | | {
    | | | | | | | "DebugState" = {}
    | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | | | }
    | | | | | | }
    | | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000005ed, registered, matched,
active, busy 0 (1006 ms), retain 8>
    | | | | | | {
    | | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | | | | "VendorID" = 0x0
    | | | | | | | "CountryCode" = 0x0
    | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | | | "Product" = "PMU2 VR5b"
    | | | | | | | "VersionNumber" = 0x0
    | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | | "PrimaryUsage" = 0x3
    | | | | | | | "LocationID" = 0x56523562
    | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | | | "ProductID" = 0x0
    | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    | | | | | | | "Built-In" = Yes
    | | | | | | | "ReportInterval" = 0x0
    | | | | | | | "HIDServiceSupport" = Yes
    | | | | | | | "PrimaryUsagePage" = 0xff08
    | | | | | | | "VendorIDSource" = 0x0
    | | | | | | | "QueueSize" = 0x0
    | | | | | | | }
    | | | | | | | }
    | | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ad2, !registered, !
matched, active, busy 0, retain 6>
    | | | | | | | {
    | | | | | | | | "DebugState" = {}
    | | | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | | | | }
    | | | | | | | | }
    | | | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x1000005ee, registered, matched,
active, busy 0 (1005 ms), retain 8>
    | | | | | | | {
    | | | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | | | | | "VendorID" = 0x0
    | | | | | | | | "CountryCode" = 0x0
    | | | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | | | | | "Product" = "PMU2 VR6b"
    | | | | | | | | "VersionNumber" = 0x0
    | | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | | | "PrimaryUsage" = 0x3
    | | | | | | | | "LocationID" = 0x56523662
    | | | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | | | | "ProductID" = 0x0
    | | | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    | | | | | | | | "Built-In" = Yes
    | | | | | | | | "ReportInterval" = 0x0
    | | | | | | | | "HIDServiceSupport" = Yes
    | | | | | | | | "PrimaryUsagePage" = 0xff08
    | | | | | | | | "VendorIDSource" = 0x0
    | | | | | | | | "QueueSize" = 0x0
    | | | | | | | | }
    | | | | | | | | }
    | | | | | | | }
```

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    | | | |
    | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ad1, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |     "DebugState" = {}
    | | | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |     "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000060e, registered, matched,
active, busy 0 (1005 ms), retain 8>
    | | | | | {
    | | | | |     "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | |     "VendorID" = 0x0
    | | | | |     "CountryCode" = 0x0
    | | | | |     "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | |     "Product" = "PMU2 VRab"
    | | | | |     "VersionNumber" = 0x0
    | | | | |     "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |     "PrimaryUsage" = 0x3
    | | | | |     "LocationID" = 0x56526162
    | | | | |     "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | |     "ProductID" = 0x0
    | | | | |     "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    | | | | |     "Built-In" = Yes
    | | | | |     "ReportInterval" = 0x0
    | | | | |     "HIDServiceSupport" = Yes
    | | | | |     "PrimaryUsagePage" = 0xff08
    | | | | |     "VendorIDSource" = 0x0
    | | | | |     "QueueSize" = 0x0
    | | | | | }
    | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ad0, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |     "DebugState" = {}
    | | | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |     "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000611, registered, matched,
active, busy 0 (1005 ms), retain 8>
    | | | | | {
    | | | | |     "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | |     "VendorID" = 0x0
    | | | | |     "CountryCode" = 0x0
    | | | | |     "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | |     "Product" = "PMU2 VRcb"
    | | | | |     "VersionNumber" = 0x0
    | | | | |     "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |     "PrimaryUsage" = 0x3
    | | | | |     "LocationID" = 0x56526362
    | | | | |     "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | |     "ProductID" = 0x0
    | | | | |     "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    | | | | |     "Built-In" = Yes
    | | | | |     "ReportInterval" = 0x0
    | | | | |     "HIDServiceSupport" = Yes
    | | | | |     "PrimaryUsagePage" = 0xff08
    | | | | |     "VendorIDSource" = 0x0
    | | | | |     "QueueSize" = 0x0
    | | | | | }
    | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000acf, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |     "DebugState" = {}
    | | | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |     "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000615, registered, matched,
active, busy 0 (1005 ms), retain 8>
    | | | | | {
    | | | | |     "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | |     "VendorID" = 0x0
    | | | | |     "CountryCode" = 0x0
    | | | | |     "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | |     "Product" = "PMU2 VRdb"
    | | | | |     "VersionNumber" = 0x0
    | | | | |     "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |     "PrimaryUsage" = 0x3
    | | | | |     "LocationID" = 0x56526462
    | | | | |     "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | |     "ProductID" = 0x0
    | | | | |     "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
    | | | | |     "Built-In" = Yes
```

```
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff08
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ace, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | |   "DebugState" = {}
|| | | | |   "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | |   "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000618, registered, matched,
active, busy 0 (1005 ms), retain 8>
|| | | | | {
|| | | | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | |   "VendorID" = 0x0
|| | | | |   "CountryCode" = 0x0
|| | | | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | |   "Product" = "PMU2 VR4I"
|| | | | |   "VersionNumber" = 0x0
|| | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | |   "PrimaryUsage" = 0x3
|| | | | |   "LocationID" = 0x5652346c
|| | | | |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | |   "ProductID" = 0x0
|| | | | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| | | | |   "Built-In" = Yes
|| | | | |   "ReportInterval" = 0x0
|| | | | |   "HIDServiceSupport" = Yes
|| | | | |   "PrimaryUsagePage" = 0xff08
|| | | | |   "VendorIDSource" = 0x0
|| | | | |   "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000acd, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | |   "DebugState" = {}
|| | | | |   "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | |   "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000061a, registered, matched,
active, busy 0 (1004 ms), retain 8>
|| | | | | {
|| | | | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | |   "VendorID" = 0x0
|| | | | |   "CountryCode" = 0x0
|| | | | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | |   "Product" = "PMU2 VR6I"
|| | | | |   "VersionNumber" = 0x0
|| | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | |   "PrimaryUsage" = 0x3
|| | | | |   "LocationID" = 0x5652366c
|| | | | |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | |   "ProductID" = 0x0
|| | | | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| | | | |   "Built-In" = Yes
|| | | | |   "ReportInterval" = 0x0
|| | | | |   "HIDServiceSupport" = Yes
|| | | | |   "PrimaryUsagePage" = 0xff08
|| | | | |   "VendorIDSource" = 0x0
|| | | | |   "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000acc, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | |   "DebugState" = {}
|| | | | |   "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | |   "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000061c, registered, matched,
active, busy 0 (1004 ms), retain 8>
|| | | | | {
|| | | | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | |   "VendorID" = 0x0
|| | | | |   "CountryCode" = 0x0
|| | | | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | |   "Product" = "PMU2 VR8I"
|| | | | |   "VersionNumber" = 0x0
|| | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | |   "PrimaryUsage" = 0x3
|| | | | |   "LocationID" = 0x5652386c
|| | | | |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
```

```
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000acb, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | }
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000061e, registered, matched,
active, busy 0 (1004 ms), retain 8>
| | | | | {
| | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU2 VRbl"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x3
| | | | | "LocationID" = 0x5652626c
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aca, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | }
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000620, registered, matched,
active, busy 0 (1005 ms), retain 8>
| | | | | {
| | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU2 VRcl"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x3
| | | | | "LocationID" = 0x5652636c
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ac9, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | }
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000622, registered, matched,
active, busy 0 (1005 ms), retain 8>
| | | | | {
| | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU2 VRfl"
| | | | | "VersionNumber" = 0x0
```

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|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x3
|| | | | | "LocationID" = 0x5652666c
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff08
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ac8, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | | +o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000626, registered, matched,
active, busy 0 (1004 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "PMU2 VRhl"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x3
|| | | | | "LocationID" = 0x5652688c
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff08
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ac7, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | | +o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000629, registered, matched,
active, busy 0 (1004 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "PMU2 VRil"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x3
|| | | | | "LocationID" = 0x5652696c
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x3})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff08
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ac6, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | | +o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000062b, registered, matched,
active, busy 0 (1005 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
```

```

IOHIDLib.plugin"}
||| | | "VendorID" = 0x0
||| | | "CountryCode" = 0x0
||| | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
||| | | "Product" = "PMU2 VRk1"
||| | | "VersionNumber" = 0x0
||| | | "IOGeneralInterest" = "IOCommand is not serializable"
||| | | "PrimaryUsage" = 0x3
||| | | "LocationID" = 0x56526b6c
||| | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={("BehaviorID"=0x1)}},
"HI
DPointerAcceleration"=0xb000,"UserPrefere$
||| | | "ProductID" = 0x0
||| | | "DeviceUsagePairs" = ({("DeviceUsagePage"=0xff08,"DeviceUsage"=0x3))
||| | | "Built-In" = Yes
||| | | "ReportInterval" = 0x0
||| | | "HIDServiceSupport" = Yes
||| | | "PrimaryUsagePage" = 0xff08
||| | | "VendorIDSource" = 0x0
||| | | "QueueSize" = 0x0
||| | | }
||| | | }
||| | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ac5, !registered, !
matched, active, busy 0, retain 6>
||| | | | {
||| | | | "DebugState" = {}
||| | | | "IOUserClientCreator" = "pid 420, WindowServer"
||| | | | "IOUserClientDefaultLocking" = Yes
||| | | | }
||| | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000062d, registered, matched,
active, busy 0 (1005 ms), retain 8>
||| | | | {
||| | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
||| | | | "VendorID" = 0x0
||| | | | "CountryCode" = 0x0
||| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
||| | | | "Product" = "PMU2 IR4b"
||| | | | "VersionNumber" = 0x0
||| | | | "IOGeneralInterest" = "IOCommand is not serializable"
||| | | | "PrimaryUsage" = 0x2
||| | | | "LocationID" = 0x49523462
||| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={("BehaviorID"=0x1)}},
"HI
DPointerAcceleration"=0xb000,"UserPrefere$
||| | | | "ProductID" = 0x0
||| | | | "DeviceUsagePairs" = ({("DeviceUsagePage"=0xff08,"DeviceUsage"=0x2))
||| | | | "Built-In" = Yes
||| | | | "ReportInterval" = 0x0
||| | | | "HIDServiceSupport" = Yes
||| | | | "PrimaryUsagePage" = 0xff08
||| | | | "VendorIDSource" = 0x0
||| | | | "QueueSize" = 0x0
||| | | | }
||| | | | }
||| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ac4, !registered, !
matched, active, busy 0, retain 6>
||| | | | | {
||| | | | | "DebugState" = {}
||| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
||| | | | | "IOUserClientDefaultLocking" = Yes
||| | | | | }
||| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000062f, registered, matched,
active, busy 0 (1005 ms), retain 8>
||| | | | | {
||| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
||| | | | | "VendorID" = 0x0
||| | | | | "CountryCode" = 0x0
||| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
||| | | | | "Product" = "PMU2 IR5b"
||| | | | | "VersionNumber" = 0x0
||| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
||| | | | | "PrimaryUsage" = 0x2
||| | | | | "LocationID" = 0x49523562
||| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={("BehaviorID"=0x1)}},
"HI
DPointerAcceleration"=0xb000,"UserPrefere$
||| | | | | "ProductID" = 0x0
||| | | | | "DeviceUsagePairs" = ({("DeviceUsagePage"=0xff08,"DeviceUsage"=0x2))
||| | | | | "Built-In" = Yes
||| | | | | "ReportInterval" = 0x0
||| | | | | "HIDServiceSupport" = Yes
||| | | | | "PrimaryUsagePage" = 0xff08
||| | | | | "VendorIDSource" = 0x0
||| | | | | "QueueSize" = 0x0
||| | | | | }
||| | | | | }
||| | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ac3, !registered, !
matched, active, busy 0, retain 6>
||| | | | | | {
||| | | | | | "DebugState" = {}
||| | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
||| | | | | | "IOUserClientDefaultLocking" = Yes
||| | | | | | }

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|| | | |
|| | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000631, registered, matched,
active, busy 0 (1005 ms), retain 8>
|| | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"}="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"}="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin")
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "PMU2 IR6b"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x2
|| | | | | "LocationID" = 0x49523662
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff08
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ac2, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | | "DebugState" = {}
|| | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | | }
|| | | | | | }
|| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000063a, registered, matched,
active, busy 0 (1005 ms), retain 8>
|| | | | | {
|| | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"}="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"}="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin")
|| | | | | | "VendorID" = 0x0
|| | | | | | "CountryCode" = 0x0
|| | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | | "Product" = "PMU2 IRab"
|| | | | | | "VersionNumber" = 0x0
|| | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | "PrimaryUsage" = 0x2
|| | | | | | "LocationID" = 0x49526162
|| | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | | "ProductID" = 0x0
|| | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| | | | | | "Built-In" = Yes
|| | | | | | "ReportInterval" = 0x0
|| | | | | | "HIDServiceSupport" = Yes
|| | | | | | "PrimaryUsagePage" = 0xff08
|| | | | | | "VendorIDSource" = 0x0
|| | | | | | "QueueSize" = 0x0
|| | | | | | }
|| | | | | | }
|| | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ac1, !registered, !
matched, active, busy 0, retain 6>
|| | | | | | {
|| | | | | | | "DebugState" = {}
|| | | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | | | }
|| | | | | | | }
|| | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000063e, registered, matched,
active, busy 0 (1005 ms), retain 8>
|| | | | | | {
|| | | | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"}="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"}="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin")
|| | | | | | | "VendorID" = 0x0
|| | | | | | | "CountryCode" = 0x0
|| | | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | | | "Product" = "PMU2 IRcb"
|| | | | | | | "VersionNumber" = 0x0
|| | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | | "PrimaryUsage" = 0x2
|| | | | | | | "LocationID" = 0x49526362
|| | | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | | | "ProductID" = 0x0
|| | | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
|| | | | | | | "Built-In" = Yes
|| | | | | | | "ReportInterval" = 0x0
|| | | | | | | "HIDServiceSupport" = Yes
|| | | | | | | "PrimaryUsagePage" = 0xff08
|| | | | | | | "VendorIDSource" = 0x0
|| | | | | | | "QueueSize" = 0x0
|| | | | | | | }
|| | | | | | | }
|| | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ac0, !registered, !
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matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | |
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000642, registered, matched,
active, busy 0 (1008 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU2 IRdb"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
| | | | | "LocationID" = 0x49526462
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | |
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000abf, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | |
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000647, registered, matched,
active, busy 0 (1009 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU2 IR4I"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
| | | | | "LocationID" = 0x4952346c
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | |
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000abe, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | |
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000655, registered, matched,
active, busy 0 (1005 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU2 IR6I"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
| | | | | "LocationID" = 0x4952366c
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes

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    | | | | | "PrimaryUsagePage" = 0xff08
    | | | | | "VendorIDSource" = 0x0
    | | | | | "QueueSize" = 0x0
    | | | | | }
    | | | | | }
    | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000abd, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |   "DebugState" = {}
    | | | | |   "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |   "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000065f, registered, matched,
active, busy 0 (1005 ms), retain 8>
    | | | | | {
    | | | | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | |   "VendorID" = 0x0
    | | | | |   "CountryCode" = 0x0
    | | | | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | |   "Product" = "PMU2 IR8I"
    | | | | |   "VersionNumber" = 0x0
    | | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |   "PrimaryUsage" = 0x2
    | | | | |   "LocationID" = 0x4952386c
    | | | | |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | |   "ProductID" = 0x0
    | | | | |   "DeviceUsagePairs" = ({ "DeviceUsagePage"=0xff08, "DeviceUsage"=0x2})
    | | | | |   "Built-In" = Yes
    | | | | |   "ReportInterval" = 0x0
    | | | | |   "HIDServiceSupport" = Yes
    | | | | |   "PrimaryUsagePage" = 0xff08
    | | | | |   "VendorIDSource" = 0x0
    | | | | |   "QueueSize" = 0x0
    | | | | | }
    | | | | | }
    | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000abc, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |   "DebugState" = {}
    | | | | |   "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |   "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000668, registered, matched,
active, busy 0 (1005 ms), retain 8>
    | | | | | {
    | | | | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | |   "VendorID" = 0x0
    | | | | |   "CountryCode" = 0x0
    | | | | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | |   "Product" = "PMU2 IRbl"
    | | | | |   "VersionNumber" = 0x0
    | | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |   "PrimaryUsage" = 0x2
    | | | | |   "LocationID" = 0x4952626c
    | | | | |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | |   "ProductID" = 0x0
    | | | | |   "DeviceUsagePairs" = ({ "DeviceUsagePage"=0xff08, "DeviceUsage"=0x2})
    | | | | |   "Built-In" = Yes
    | | | | |   "ReportInterval" = 0x0
    | | | | |   "HIDServiceSupport" = Yes
    | | | | |   "PrimaryUsagePage" = 0xff08
    | | | | |   "VendorIDSource" = 0x0
    | | | | |   "QueueSize" = 0x0
    | | | | | }
    | | | | | }
    | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000abb, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |   "DebugState" = {}
    | | | | |   "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |   "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000066d, registered, matched,
active, busy 0 (1004 ms), retain 8>
    | | | | | {
    | | | | |   "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
    | | | | |   "VendorID" = 0x0
    | | | | |   "CountryCode" = 0x0
    | | | | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | |   "Product" = "PMU2 IRcl"
    | | | | |   "VersionNumber" = 0x0
    | | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |   "PrimaryUsage" = 0x2
    | | | | |   "LocationID" = 0x4952636c
    | | | | |   "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})}, "HI
```

```
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000aba, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | }
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x10000066f, registered, matched,
active, busy 0 (1004 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU2 IRfl"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
| | | | | "LocationID" = 0x4952666c
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ab9, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | }
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000671, registered, matched,
active, busy 0 (1004 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU2 IRhl"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
| | | | | "LocationID" = 0x4952686c
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff08
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ab8, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | }
| | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000673, registered, matched,
active, busy 0 (1004 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "PMU2 IRil"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x2
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    | | | | | "LocationID" = 0x4952696c
    | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | | "ProductID" = 0x0
    | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
    | | | | | "Built-In" = Yes
    | | | | | "ReportInterval" = 0x0
    | | | | | "HIDServiceSupport" = Yes
    | | | | | "PrimaryUsagePage" = 0xff08
    | | | | | "VendorIDSource" = 0x0
    | | | | | "QueueSize" = 0x0
    | | | | | }
    | | | | | }
    | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ab7, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |     "DebugState" = {}
    | | | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |     "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +-o AppleARMPMUPowerSensor <class AppleARMPMUPowerSensor, id 0x100000675, registered, matched,
active, busy 0 (1004 ms), retain 8>
    | | | | | {
    | | | | |     "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    | | | | |     "VendorID" = 0x0
    | | | | |     "CountryCode" = 0x0
    | | | | |     "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | |     "Product" = "PMU2 IRkl"
    | | | | |     "VersionNumber" = 0x0
    | | | | |     "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |     "PrimaryUsage" = 0x2
    | | | | |     "LocationID" = 0x49526b6c
    | | | | |     "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | |     "ProductID" = 0x0
    | | | | |     "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff08,"DeviceUsage"=0x2})
    | | | | |     "Built-In" = Yes
    | | | | |     "ReportInterval" = 0x0
    | | | | |     "HIDServiceSupport" = Yes
    | | | | |     "PrimaryUsagePage" = 0xff08
    | | | | |     "VendorIDSource" = 0x0
    | | | | |     "QueueSize" = 0x0
    | | | | |     }
    | | | | |     }
    | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000ab6, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |     "DebugState" = {}
    | | | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |     "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x100000677, registered, matched,
active, busy 0 (1004 ms), retain 8>
    | | | | | {
    | | | | |     "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    | | | | |     "VendorID" = 0x0
    | | | | |     "CountryCode" = 0x0
    | | | | |     "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | |     "Product" = "gas gauge battery"
    | | | | |     "VersionNumber" = 0x0
    | | | | |     "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |     "PrimaryUsage" = 0x5
    | | | | |     "LocationID" = 0x54473042
    | | | | |     "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
    | | | | |     "ProductID" = 0x0
    | | | | |     "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    | | | | |     "Built-In" = Yes
    | | | | |     "ReportInterval" = 0x0
    | | | | |     "HIDServiceSupport" = Yes
    | | | | |     "PrimaryUsagePage" = 0xff00
    | | | | |     "VendorIDSource" = 0x0
    | | | | |     "QueueSize" = 0x0
    | | | | |     }
    | | | | |     }
    | | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a96, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | |     "DebugState" = {}
    | | | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | |     "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +-o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x100000679, registered, matched,
active, busy 0 (1004 ms), retain 8>
    | | | | | {
    | | | | |     "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
PlugIns/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin"}
    | | | | |     "VendorID" = 0x0
```

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|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "gas gauge battery"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x5
|| | | | | "LocationID" = 0x54473043
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a95, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | | +o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x10000067b, registered, matched,
active, busy 0 (1005 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "gas gauge battery"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x5
|| | | | | "LocationID" = 0x54473048
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a94, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | | +o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x10000067d, registered, matched,
active, busy 0 (1004 ms), retain 8>
|| | | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "gas gauge battery"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x5
|| | | | | "LocationID" = 0x54473056
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPrefere$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "VendorIDSource" = 0x0
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | | | +o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a93, !registered, !
matched, active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" = {}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | | +o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x10000067f, registered, matched,
```

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active, busy 0 (1004 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "gas gauge battery"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x5
| | | | | "LocationID" = 0x54473142
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1}}), "HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff00
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | }
| | | | | | +--o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a92, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | | +--o AppleARMPMUTempSensor <class AppleARMPMUTempSensor, id 0x100000681, registered, matched,
active, busy 0 (1004 ms), retain 8>
| | | | | {
| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/
Plugins/IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
| | | | | "VendorID" = 0x0
| | | | | "CountryCode" = 0x0
| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | "Product" = "gas gauge battery"
| | | | | "VersionNumber" = 0x0
| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | "PrimaryUsage" = 0x5
| | | | | "LocationID" = 0x54473242
| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1}}), "HI
DPointerAcceleration"=0xb000,"UserPrefere$
| | | | | "ProductID" = 0x0
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
| | | | | "Built-In" = Yes
| | | | | "ReportInterval" = 0x0
| | | | | "HIDServiceSupport" = Yes
| | | | | "PrimaryUsagePage" = 0xff00
| | | | | "VendorIDSource" = 0x0
| | | | | "QueueSize" = 0x0
| | | | | }
| | | | | | +--o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000a91, !registered, !
matched, active, busy 0, retain 6>
| | | | | {
| | | | | "DebugState" = {}
| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
| | | | | "IOUserClientDefaultLocking" = Yes
| | | | | }
| | | | | | +--o smc-pmu <class AppleSMCInterface, id 0x1000001a3, registered, matched, active, busy 0 (4 ms), retain
9>
| | | | | {
| | | | | "#address-cells" = <00000000>
| | | | | "event_name-bit12" = <77696669627400>
| | | | | "AAPL,phandle" = <a4000000>
| | | | | "event_name-bit48" = <72746300>
| | | | | "event_name-bit44" = <555342325f77616b6500>
| | | | | "has_lid_open_sensor" = <01000000>
| | | | | "InterruptControllerName" = "IOInterruptController000000A4"
| | | | | "event_name-bit42" = <5553422d435f706c756700>
| | | | | "event_name-bit8" = <6c696400>
| | | | | "event_name-bit0" = <70777262746e00>
| | | | | "event_name-bit40" = <616361747461636800>
| | | | | "name" = <736d632d706d7500>
| | | | | "compatible" = <736d632d706d7500>
| | | | | "interrupt-controller" = <>
| | | | | "event_name-bit9" = <6368617267657200>
| | | | | "#interrupt-cells" = <01000000>
| | | | | "event_name-bit11" = <636f64656300>
| | | | | "event_name-bit21" = <747261636b7061646b6579626f61726400>
| | | | | "event_name-bit45" = <6175706f00>
| | | | | "event_name-bit43" = <555342325f706c756700>
| | | | | "device_type" = <696e746572727570742d636f6e74726f6c6c657200>
| | | | | "event_name-bit41" = <616364657461636800>
| | | | | "function-pmu_button" = <1c01000044747542>
| | | | | }
| | | | | | +--o AppleSMCPMU <class AppleSMCPMU, id 0x100000683, registered, matched, active, busy 0 (1 ms),
retain 10>
| | | | | {
| | | | | "IOClass" = "AppleSMCPMU"
| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSMC"

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|| | | | "IOProviderClass" = "AppleSMCInterface"
|| | | | "IOPlatformWakeAction" = 0xc8
|| | | | "IOPlatformSleepAction" = 0xc8
|| | | | "IOProbeScore" = 0x3e8
|| | | | "IONameMatch" = ("smc-pmu")
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IOFunctionParent000000A4" = <>
|| | | | "IONameMatched" = "smc-pmu"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSMC"
|| | | | "InterruptControllerName" = "IOInterruptController000000A4"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSMC"
|| | | | }
|| | | | +-o AppleSmartBatteryManager <class AppleSmartBatteryManager, id 0x100000684, registered, matched,
active, busy 0 (42 ms), retain 7>
|| | | | {
|| | | | | "IOProbeScore" = 0x0
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSmartBatteryManager"
|| | | | | "IOMatchCategory" = "AppleSmartBatteryManager"
|| | | | | "IOClass" = "AppleSmartBatteryManager"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSmartBatteryManager"
|| | | | | "IOProviderClass" = "AppleSMC"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSmartBatteryManager"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOUserClientClass" = "AppleSmartBatteryManagerUserClient"
|| | | | | "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | }
|| | | | +-o AppleSmartBattery <class AppleSmartBattery, id 0x100000685, registered, matched, active, busy 0 (42
ms), retain 8>
|| | | | {
|| | | | | "PostChargeWaitSeconds" = 0x78
|| | | | | "built-in" = Yes
|| | | | | "AppleRawAdapterDetails" =
{"IsWireless"=No,"AdapterID"=0x0,"FamilyCode"=0xffffffffe000400a,"Watts"=0x32,"Current"=0x9c4,"PMUConfiguration"
=0x9c4,"Voltage"=0x4e20}
|| | | | | "CurrentCapacity" = 0x64
|| | | | | "PackReserve" = 0x85
|| | | | | "InflowOverride" = 0x0
|| | | | | "DeviceName" = "bq20z451"
|| | | | | "PostDischargeWaitSeconds" = 0x78
|| | | | | "CarrierMode" =
{"CarrierModeLowVoltage"=0xe10,"CarrierModeHighVoltage"=0x1004,"CarrierModeStatus"=0x0}
|| | | | | "TimeRemaining" = 0x0
|| | | | | "ChargerConfiguration" = 0x970
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "IOReportLegend" =
{"IOReportChannels"={"(0x6379636c65636e74,0x181120001,"BatteryCycleCount")},"IOReportGroupName"="Battery","IO
ReportChannelInfo"={"IOReportChannelUnit"=0x0}}
|| | | | | "AtCriticalLevel" = No
|| | | | | "BatteryCellDisconnectCount" = 0x0
|| | | | | "UpdateTime" = 0x62f00c16
|| | | | | "Amperage" = 0x0
|| | | | | "AppleRawCurrentCapacity" = 0x10b8
|| | | | | "AbsoluteCapacity" = 0x0
|| | | | | "AvgTimeToFull" = 0xffff
|| | | | | "ExternalConnected" = Yes
|| | | | | "ExternalChargeCapable" = Yes
|| | | | | "AppleRawBatteryVoltage" = 0x30f2
|| | | | | "BootVoltage" = 0x0
|| | | | | "BatteryData" =
{"Ra03"=0x0,"Ra10"=0x0,"CellWom"="(0x0,0x0),"RaTableRaw"="(00550098008a00910089009100730076007f0085008d
009200a600e801730242>,<0055007f00720078006f0079005f00630069006d00750075008500c4013701d6>,<000000
9b008a00910086008f00730077007e0083008b009100a300e0014b0214>),"Qstart"=0x0,"AdapterPower"=0x410e14b2,"D
ailyMinSoc"=0x63,"Ra04"=0x0,"Ra11"=0x0,"CellVoltage"="(0x1052,0x1050,0x1050),"PackCurrentAccumulator"=0xffffffff
ffcdf,"PassedCharge"=0x0,"Flags"=0x21000201,"PresentDOD"="(0xc,0xc,0xc),"Ra05"=0x0,"Ra12"=$
|| | | | | "BatteryInstalled" = Yes
|| | | | | "IOReportLegendPublic" = Yes
|| | | | | "Serial" = "D860527AA5PL3L2E0"
|| | | | | "AppleRawExternalConnected" = Yes
|| | | | | "KioskMode" =
{"KioskModeLastHighSocHours"=0x0,"KioskModeFullChargeVoltage"=0x0,"KioskModeMode"=0x0,"KioskModeHighSocSec
onds"=0x0,"KioskModeHighSocDays"=0x0}
|| | | | | "NominalChargeCapacity" = 0x13ef
|| | | | | "FullyCharged" = Yes
|| | | | | "FullPathUpdated" = 0x62f00b62
|| | | | | "ManufacturerData" =
<0000000010020001240000000033135330330330330341544c0043000000000000>
|| | | | | "FedDetails" =
{"FedDualRolePower"=0x1,"FedPortPowerRole"=0x0,"FedRemainingCapacity"=0x0,"FedExternalConnected"=0x1,"FedDesi
gnCapacity"=0x0,"FedProductID"=0x102,"FedVendorID"=0x2109,"FedStateOfCharge"=0x0},
{"FedDualRolePower"=0x0,"FedPortPowerRole"=0x0,"FedRemainingCapacity"=0x0,"FedExternalConnected"=0x0,"FedDesi
gnCapacity"=0x0,"FedProductID"=0x0,"FedVendorID"=0x0,"FedStateOfCharge"=0x0}
|| | | | | "BatteryInvalidWakeSeconds" = 0x1e
|| | | | | "ChargerData" =
{"ChargingCurrent"=0x0,"NotChargingReason"=0x400001,"ChargerStatus"=<8ab8b80400000000000000000000000000
000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000000
000>,"ChargingVoltage"=0x1084,"VacVoltageLimit"=0x1090,"ChargerID"=0xc}
|| | | | | "BootPathUpdated" = 0x62f00202
|| | | | | "DesignCycleCount9C" = 0x3e8
|| | | | | "AdapterDetails" =
{"IsWireless"=No,"AdapterID"=0x0,"FamilyCode"=0xffffffffe000400a,"Watts"=0x32,"Current"=0x9c4,"PMUConfiguration"
=0x9c4,"Voltage"=0x4e20}
|| | | | | "PowerTelemetryData" =
{"AdapterEfficiencyLossAccumulatorCount"=0x0,"SystemLoad"=0x32e4,"AccumulatedSystemPowerIn"=0x212920b,"Accu
mulatedSystemLoad"=0x212adb1,"SystemPowerIn"=0x3381,"AccumulatedAdapterEfficiencyLoss"=0x0,"SystemLoadAccum
ulatorCount"=0xa32,"AdapterEfficiencyLoss"=0x0,"SystemPowerInAccumulatorCount"=0xa31}
|| | | | | "MaxCapacity" = 0x64
|| | | | | "InstantAmperage" = 0x0
|| | | | | "GasGaugeFirmwareVersion" = 0x1
|| | | | | "AdapterInfo" = 0x0
|| | | | | "Location" = 0x0
|| | | | | "Temperature" = 0xc0b
|| | | | | "AvgTimeToEmpty" = 0xffff
|| | | | | "BestAdapterIndex" = 0x0
|| | | | | "DesignCapacity" = 0x13ef
|| | | | | "IsCharging" = No
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|| | | | "PermanentFailureStatus" = 0x0
|| | | | "Voltage" = 0x30f2
|| | | | "UserVisiblePathUpdated" = 0x62f00c16
|| | | | "CycleCount" = 0x51
|| | | | "AppleRawMaxCapacity" = 0x110b
|| | | | "VirtualTemperature" = 0xdb5
|| | | | }
|| | | | +-o AppleSMCCClient <class AppleSMCCClient, id 0x100000b51, !registered, !matched, active, busy 0, retain
6>
|| | | | {
|| | | | | "IOUserClientCreator" = "pid 403, PerfPowerService"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | +-o AppleSMCCClient <class AppleSMCCClient, id 0x100000dbf, !registered, !matched, active, busy 0, retain
6>
|| | | | {
|| | | | | "IOUserClientCreator" = "pid 353, systemstats"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | +-o AppleSMCCClient <class AppleSMCCClient, id 0x100000f87, !registered, !matched, active, busy 0, retain 6>
|| | | | {
|| | | | | "IOUserClientCreator" = "pid 726, spindump"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | +-o RTBuddyService <class RTBuddyService, id 0x1000003cf, registered, matched, active, busy 0 (24 ms),
retain 5>
|| | | | {
|| | | | | "IOProbeScore" = 0x0
|| | | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| | | | | "IOMatchCategory" = "RTBuddyService"
|| | | | | "IOClass" = "RTBuddyService"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| | | | | "IOProviderClass" = "RTBuddy"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "role" = "SMC"
|| | | | | }
|| | | | +-o uart0@35200000 <class AppleARMIODevice, id 0x100001a4, registered, matched, active, busy 0 (222 ms),
retain 9>
|| | | | {
|| | | | | "compatible" = <756172742d312c73616d73756e6700>
|| | | | | "clock-ids" = <4f01000004000000>
|| | | | | "interrupt-parent" = <70000000>
|| | | | | "interrupts" = <5d020000>
|| | | | | "reg" = <000020350000000004000000000000>
|| | | | | "clock-gates" = <36000000>
|| | | | | "AAPL,phandle" = <a5000000>
|| | | | | "IOInterruptControllers" = ("IOInterruptController00000070")
|| | | | | "device_type" = <7561727400>
|| | | | | "IOInterruptSpecifiers" = (<5d020000>)
|| | | | | "IODeviceMemory" = (({"address"=0x23520000,"length"=0x4000}))
|| | | | | "no-flow-control" = <>
|| | | | | "function-tx" = <770000004f95047a000000002010000>
|| | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(("0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
|| | | | | "IOReportLegendPublic" = Yes
|| | | | | "uart-version" = <01000000>
|| | | | | "boot-console" = <>
|| | | | | "name" = <756172743000>
|| | | | | }
|| | | | +-o AppleSerialShim <class AppleSerialShim, id 0x1000002c5, registered, matched, active, busy 0 (44 ms), retain
5>
|| | | | {
|| | | | | "IOProbeScore" = 0x3e8
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSerialShim"
|| | | | | "IOPropertyMatch" = {"boot-console"=""}
|| | | | | "IOClass" = "AppleSerialShim"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSerialShim"
|| | | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSerialShim"
|| | | | | "IONameMatch" = ("uart0","uart1","uart2","uart3","uart4","uart5","uart6","uart7","uart8")
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IONameMatched" = "uart0"
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | }
|| | | | +-o dockchannel-uart@3D128000 <class AppleARMIODevice, id 0x100001a6, registered, matched, active, busy 0
(216 ms), retain 8>
|| | | | {
|| | | | | "interrupt-parent" = <70000000>
|| | | | | "reg" = <0080123d000000000000010000000000c0103d000000001800000000000000>
|| | | | | "interrupts" = <47010000>
|| | | | | "AAPL,phandle" = <a7000000>
|| | | | | "max-aop-clk" = <00882a11>
|| | | | | "dock-wstat-mask" = <ff0f0000>
|| | | | | "device_type" = <646f636b6368616e6e656c00>
|| | | | | "enable-sw-drain" = <01000000>
|| | | | | "IOInterruptControllers" = ("IOInterruptController00000070")
|| | | | | "IOInterruptSpecifiers" = (<47010000>)
|| | | | | "IODeviceMemory" = (({"address"=0x23d128000,"length"=0x10000}),
({"address"=0x23d10c000,"length"=0x18}))
|| | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(("0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
|| | | | | "IOReportLegendPublic" = Yes
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|| ||
|| | +-o AppleS5L8940XI2CController <class AppleS5L8940XI2CController, id 0x1000002da, !registered, !matched,
active, busy 0 (162 ms), retain 5>
|| | |{
|| | | |"IOClass" = "AppleS5L8940XI2CController"
|| | | |"CFBundleIdentifier" = "com.apple.driver.AppleS5L8940XI2C"
|| | | |"IOProviderClass" = "AppleARMIODevice"
|| | | |"IOPlatformWakeAction" = 0x1f4
|| | | |"IOPlatformSleepAction" = 0x1f4
|| | | |"IOProbeScore" = 0x3e8
|| | | |"IONameMatch" = "i2c,s5l8940x"
|| | | |"IOMatchedAtBoot" = Yes
|| | | |"IOMatchCategory" = "IODefaultMatchCategory"
|| | | |"IONameMatched" = "i2c,s5l8940x"
|| | | |"IOPersonalityPublisher" = "com.apple.driver.AppleS5L8940XI2C"
|| | | |"CFBundleIdentifierKernel" = "com.apple.driver.AppleS5L8940XI2C"
|| | | |}
|| | | }
|| | +-o hpmBusManager@6B <class AppleARMIODevice, id 0x1000001ad, registered, matched, active, busy 0 (166
ms), retain 16>
|| | |{
|| | | |"interrupt-parent" = <77000000>
|| | | |"compatible" = <757362632c6d616e6167657200>
|| | | |"IOUserClientClass" = "AppleARMIOUserClient"
|| | | |"interrupts" = <6a00000001000000>
|| | | |"IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=({"0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"},
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"},
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IO$
|| | | |"IOReportLegendPublic" = Yes
|| | | |"IOInterruptControllers" = ("IOInterruptController00000077")
|| | | |"IOInterruptSpecifiers" = (<6a00000001000000>)
|| | | |"reg" = <6b000000c409000000000000000000000>
|| | | |"name" = <68706d4275734d616e6167657200>
|| | | |"AAPL,phandle" = <ae000000>
|| | | |}
|| | | |}
|| | +-o AppleHPMbusController <class AppleHPMbusController, id 0x1000003b4, registered, matched, active, busy
0 (134 ms), retain 7>
|| | |{
|| | | |"IOClass" = "AppleHPMbusController"
|| | | |"CFBundleIdentifier" = "com.apple.driver.AppleHPM"
|| | | |"IOProviderClass" = "AppleARMIODevice"
|| | | |"Actual HPM Controllers" = 0x2
|| | | |"Expected HPM Controllers" = 0x2
|| | | |"IOProbeScore" = 0x0
|| | | |"IONameMatch" = "usbc,manager"
|| | | |"IOMatchedAtBoot" = Yes
|| | | |"IOMatchCategory" = "IODefaultMatchCategory"
|| | | |"HPM Interrupt Enabled" = 0x1
|| | | |"IONameMatched" = "usbc,manager"
|| | | |"IOPersonalityPublisher" = "com.apple.driver.AppleHPM"
|| | | |"CFBundleIdentifierKernel" = "com.apple.driver.AppleHPM"
|| | | |}
|| | | }
|| | +-o hpm0 <class AppleHPMbusDevice, id 0x1000001ae, registered, matched, active, busy 0 (125 ms), retain
9>
|| | |{
|| | | |"transports-supported" = <0100000020000000300000004000000050000000>
|| | | |"port-location" = <6c6566742d6261636b00>
|| | | |"compatible" = <757362632c63643332313700>
|| | | |"acio-parent" = <57000000>
|| | | |"iicProvider" = <ae000000>
|| | | |"AAPL,phandle" = <af000000>
|| | | |"dock" = <1d010000>
|| | | |"rid" = <00000000>
|| | | |"hpm-class-type" = <0a000000>
|| | | |"hpm-iic-addr" = <38000000>
|| | | |"port-type" = <02000000>
|| | | |"usbc-flash-update" = <01000000>
|| | | |"usbc-fw-personality" = <48504d2c323800>
|| | | |"port-number" = <01000000>
|| | | |"name" = <68706d3000>
|| | | |}
|| | | }
|| | +-o AppleHPMARM <class AppleHPMARM, id 0x1000003b5, registered, matched, active, busy 0 (124 ms),
retain 11>
|| | |{
|| | | |"IOClass" = "AppleHPMARM"
|| | | |"CFBundleIdentifier" = "com.apple.driver.AppleHPM"
|| | | |"IOProviderClass" = "AppleHPMbusDevice"
|| | | |"IOCFPluginTypes" = {"12A1DCCF-CF7A-4775-BEE5-9C4319F4CD2B"="AppleHPM.kext/Contents/PlugIns/
AppleHPMLib.plugin"}
|| | | |"IOPowerManagement" =
{"ChildrenPowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"DriverPowerState"
=0x1}
|| | | |"IOUserClientClass" = "AppleHPMUserClient"
|| | | |"IOProbeScore" = 0x0
|| | | |"IOMatchedAtBoot" = Yes
|| | | |"RID" = 0x0
|| | | |"IOMatchCategory" = "IODefaultMatchCategory"
|| | | |"IOPersonalityPublisher" = "com.apple.driver.AppleHPM"
|| | | |"CFBundleIdentifierKernel" = "com.apple.driver.AppleHPM"
|| | | |}
|| | | }
|| | +-o AppleHPMDevice@38 <class AppleHPMDevice, id 0x1000003bd, registered, matched, active, busy 0
(123 ms), retain 7>
|| | |{
|| | | |"Version" = 0x213400
|| | | |"Revision ID" = 0x22
|| | | |"RID" = 0x0
|| | | |"Vendor ID" = 0x28
|| | | |"Address" = 0x38
|| | | |"Device ID" = 0xcd3217
|| | | |"I2C Read Failed" = No
|| | | |"UUID" = "1167320C-18DF-2E84-EA4C-0EA2195F69A3"

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| | | | | "Revision" = 0x0
| | | | | }
| | | | | }
| | | | | +-o Port-USB-C@1 <class AppleTCControllerType10, id 0x10000048b, registered, matched, active, busy 0
(23 ms), retain 31>
| | | | | {
| | | | |   "IOAccessoryActivePowerMode" = 0x1
| | | | |   "PortTypeDescription" = "USB-C"
| | | | |   "CF VID Status Reg" = <00000000000000000000000000000000>
| | | | |   "IOPersonalityPublisher" = "com.apple.driver.AppleHPM"
| | | | |   "ActiveCable" = No
| | | | |   "IOAccessoryPowerMode" = 0x1
| | | | |   "IOMatchCategory" = "IODefaultMatchCategory"
| | | | |   "ConnectionCount" = 0x1
| | | | |   "IOAccessoryUSBConnectType" = 0x4
| | | | |   "Pin Configuration" = {"sbu1"=0x2,"tx1"=0x6,"rx2"=0x4,"tx2"=0x3,"sbu2"=0x1,"rx1"=0x5}
| | | | |   "IOMatchedAtBoot" = Yes
| | | | |   "IOProbeScore" = 0x64
| | | | |   "IOClass" = "AppleTCControllerType10"
| | | | |   "IOAccessoryPowerCurrentLimits" = (0x0,0x0,0x0,0x0,0x0)
| | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
| | | | |   "IOUserClientClass" = "IOAccessoryManagerUserClient"
| | | | |   "IOAccessoryPrimaryDevicePort" = 0x1
| | | | |   "OpticalCable" = No
| | | | |   "CFBundleIdentifier" = "com.apple.driver.AppleHPM"
| | | | |   "BuiltIn" = Yes
| | | | |   "AppLoaded Count" = 0x1
| | | | |   "IOAccessoryManagerType" = 0x3
| | | | |   "TransportsProvisioned" = ("CC","USB2","USB3","DisplayPort")
| | | | |   "Overcurrent Count" = 0x0
| | | | |   "IOAccessoryUSBSuperSpeedActive" = Yes
| | | | |   "IOAccessorySleepPowerCurrentLimit" = 0x0
| | | | |   "IOAccessoryUSBConnectString" = "Device"
| | | | |   "TransportsSupported" = ("CC","USB2","USB3","CIO","DisplayPort")
| | | | |   "IOAccessoryUSBConnectTypePublished" = 0x4
| | | | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleHPM"
| | | | |   "IOAccessoryUSBActive" = Yes
| | | | |   "IOAccessorySupportedPowerModes" = (0x1,0x3)
| | | | |   "HPDAsserted" = Yes
| | | | |   "ConnectionActive" = Yes
| | | | |   "DisplayPortPinAssignment" = Yes
| | | | |   "Data Status Reg" = <7385000000>
| | | | |   "PortType" = 0x2
| | | | |   "AutoMatched" = No
| | | | |   "IOFunctionParent0000011D" = <>
| | | | |   "IOProviderClass" = "AppleHPMDevice"
| | | | |   "IOAccessoryID" = 0x53
| | | | |   "PlugOrientation" = 0x2
| | | | |   "IOAccessoryUSBModeType" = 0x2
| | | | |   "FeaturesSupported" = ()
| | | | |   "IOAccessoryManagerSleepPower" = No
| | | | |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
| | | | |   "PortNumber" = 0x1
| | | | |   "TransportsActive" = ("CC","USB2","USB3","DisplayPort")
| | | | |   "Plug Event Count" = 0x1
| | | | |   "AccessoryMode" = 0x0
| | | | |   "IOAccessoryDetect" = Yes
| | | | |   "SupervisedTransportsRestricted" = No
| | | | |   "Status Reg" = <ddb28c10>
| | | | | }
| | | | | }
| | | | | +-o CC <class IOPortTransportStateCC, id 0x10000052f, registered, matched, active, busy 0 (8 ms), retain
8>
| | | | | {
| | | | |   "HashStatus" = 0x0
| | | | |   "ParentPortType" = 0x2
| | | | |   "ParentBuiltInPortType" = 0x2
| | | | |   "HashStatusDescription" = "Not Set"
| | | | |   "TRM_TransportSupervised" = No
| | | | |   "Index" = 0x0
| | | | |   "Tunneled" = No
| | | | |   "ParentPortTypeDescription" = "USB-C"
| | | | |   "TransportType" = 0x1
| | | | |   "ParentBuiltInPortNumber" = 0x1
| | | | |   "IOUserClientClass" = "IOPortTransportUserClient"
| | | | |   "ParentPortNumber" = 0x1
| | | | |   "DriverStatusDescription" = "Not Monitored"
| | | | |   "Metadata" = {}
| | | | |   "AuthenticationRequired" = No
| | | | |   "TransportTypeDescription" = "CC"
| | | | |   "ParentBuiltInPortTypeDescription" = "USB-C"
| | | | |   "DriverStatus" = 0x0
| | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
| | | | |   "Active" = Yes
| | | | | }
| | | | | }
| | | | | +-o IOAccessoryTRM <class IOAccessoryTRM, id 0x100000530, registered, matched, active, busy 0 (1
ms), retain 5>
| | | | | {
| | | | |   "IOClass" = "IOAccessoryTRM"
| | | | |   "CFBundleIdentifier" = "com.apple.iokit.IOAccessoryManager"
| | | | |   "IOProviderClass" = "IOAccessoryManager"
| | | | |   "State" = 0x1
| | | | |   "IOProbeScore" = 0x0
| | | | |   "IOMatchedAtBoot" = Yes
| | | | |   "IOMatchCategory" = "IOAccessoryTRM"
| | | | |   "SupervisedAccessoryAttached" = Yes
| | | | |   "SupervisedTransportsRestricted" = No
| | | | |   "GracePeriodReason" = 0x1
| | | | |   "IOPersonalityPublisher" = "com.apple.iokit.IOAccessoryManager"
| | | | |   "CFBundleIdentifierKernel" = "com.apple.iokit.IOAccessoryManager"
| | | | |   "IOAccessoryPrimaryDevicePort" = 0x1
| | | | | }
| | | | | }
| | | | | +-o USB2 <class IOPortTransportStateUSB2, id 0x100000541, registered, matched, active, busy 0 (6 ms),
retain 10>
| | | | | {
| | | | |   "HashStatus" = 0x1

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|| | | | "ParentPortType" = 0x2
|| | | | "ParentBuiltInPortType" = 0x2
|| | | | "HashStatusDescription" = "Not Available"
|| | | | "TRM_TransportSupervised" = No
|| | | | "DataRoleDescription" = "Host"
|| | | | "Index" = 0x0
|| | | | "Tunneled" = No
|| | | | "ParentPortTypeDescription" = "USB-C"
|| | | | "TransportType" = 0x2
|| | | | "ParentBuiltInPortNumber" = 0x1
|| | | | "IOUserClientClass" = "IOPortTransportUserClient"
|| | | | "ParentPortNumber" = 0x1
|| | | | "DriverStatusDescription" = "Ready"
|| | | | "Metadata" = {}
|| | | | "AuthenticationRequired" = No
|| | | | "Generation" = 0x1
|| | | | "TransportTypeDescription" = "USB2"
|| | | | "GenerationDescription" = "USB 2.0"
|| | | | "ParentBuiltInPortTypeDescription" = "USB-C"
|| | | | "DriverStatus" = 0x2
|| | | | "DataRole" = 0x2
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "Active" = Yes
|| | | | }
|| | | |
|| | | | +-o IOAccessoryUSBConnectShim <class IOAccessoryUSBConnectShim, id 0x100000531, registered,
matched, active, busy 0 (0 ms), retain 8>
|| | | | {
|| | | | | "IOPropertyMatch" = ({"IOAccessoryPrimaryDevicePort"=0x1})
|| | | | | "CFBundleIdentifier" = "com.apple.iokit.IOAccessoryManager"
|| | | | | "IOMatchCategory" = "IOAccessoryUSBConnectShim"
|| | | | | "IOClass" = "IOAccessoryUSBConnectShim"
|| | | | | "IOPersonalityPublisher" = "com.apple.iokit.IOAccessoryManager"
|| | | | | "IOProviderClass" = "IOAccessoryManager"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOAccessoryManager"
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2}
|| | | | }
|| | | |
|| | | | +-o USB3 <class IOPortTransportStateUSB3, id 0x1000005e4, registered, matched, active, busy 0 (7 ms),
retain 10>
|| | | | {
|| | | | | "HashStatus" = 0x1
|| | | | | "ParentPortType" = 0x2
|| | | | | "ParentBuiltInPortType" = 0x2
|| | | | | "HashStatusDescription" = "Not Available"
|| | | | | "TRM_TransportSupervised" = No
|| | | | | "DataRoleDescription" = "Host"
|| | | | | "Index" = 0x0
|| | | | | "Tunneled" = No
|| | | | | "ParentPortTypeDescription" = "USB-C"
|| | | | | "TransportType" = 0x3
|| | | | | "ParentBuiltInPortNumber" = 0x1
|| | | | | "IOUserClientClass" = "IOPortTransportUserClient"
|| | | | | "ParentPortNumber" = 0x1
|| | | | | "DriverStatusDescription" = "Ready"
|| | | | | "Metadata" = {}
|| | | | | "SuperSpeedSignaling" = 0x2
|| | | | | "SuperSpeedSignalingDescription" = "Gen 2"
|| | | | | "AuthenticationRequired" = No
|| | | | | "Generation" = 0x2
|| | | | | "TransportTypeDescription" = "USB3"
|| | | | | "GenerationDescription" = "USB 3.x"
|| | | | | "ParentBuiltInPortTypeDescription" = "USB-C"
|| | | | | "DriverStatus" = 0x2
|| | | | | "DataRole" = 0x2
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "Active" = Yes
|| | | | | }
|| | | | |
|| | | | | +-o DisplayPort <class IOPortTransportStateDisplayPort, id 0x100000788, registered, matched, active,
busy 0 (0 ms), retain 8>
|| | | | | {
|| | | | | | "HashStatus" = 0x0
|| | | | | | "ParentPortType" = 0x2
|| | | | | | "ParentBuiltInPortType" = 0x2
|| | | | | | "HashStatusDescription" = "Not Set"
|| | | | | | "TRM_TransportSupervised" = No
|| | | | | | "Index" = 0x0
|| | | | | | "Tunneled" = No
|| | | | | | "ParentPortTypeDescription" = "USB-C"
|| | | | | | "TransportType" = 0x5
|| | | | | | "ParentBuiltInPortNumber" = 0x1
|| | | | | | "IOUserClientClass" = "IOPortTransportUserClient"
|| | | | | | "ParentPortNumber" = 0x1
|| | | | | | "DriverStatusDescription" = "Not Monitored"
|| | | | | | "Metadata" = {}
|| | | | | | "AuthenticationRequired" = No
|| | | | | | "TransportTypeDescription" = "DisplayPort"
|| | | | | | "Role" = 0x2
|| | | | | | "ParentBuiltInPortTypeDescription" = "USB-C"
|| | | | | | "HPD_State" = 0x2
|| | | | | | "DriverStatus" = 0x0
|| | | | | | "MaxLaneCount" = 0x2
|| | | | | | "Active" = Yes
|| | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | }
|| | | | |
|| | | | | +-o hpm1 <class AppleHPMbusDevice, id 0x1000001af, registered, matched, active, busy 0 (134 ms), retain 9>
|| | | | | {
|| | | | | | "transports-supported" = <010000002000000030000000400000005000000>
|| | | | | | "port-location" = <6c6566742d66726f6e7400>
|| | | | | | "compatible" = <757362632c63643332313700>
|| | | | | | "acio-parent" = <61000000>
|| | | | | | "iicProvider" = <ae000000>
|| | | | | | "AAPL,phandle" = <b0000000>

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|| | | "dock" = <1e010000>
|| | | "rid" = <01000000>
|| | | "hpm-class-type" = <0a000000>
|| | | "hpm-iic-addr" = <3f000000>
|| | | "port-type" = <02000000>
|| | | "usbc-flash-update" = <00000000>
|| | | "port-number" = <02000000>
|| | | "name" = <68706d3100>
|| | | }
|| | | }
|| | | +-o AppleHPMARM <class AppleHPMARM, id 0x1000003b6, registered, matched, active, busy 0 (118 ms),
retain 10>
|| | | {
|| | | | "IOClass" = "AppleHPMARM"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleHPM"
|| | | | "IOProviderClass" = "AppleHPMIODevice"
|| | | | "IOCFPluginTypes" = {"12A1DCCF-CF7A-4775-BEE5-9C4319F4CD2B"}="AppleHPM.kext/Contents/PlugIns/
AppleHPMLib.plugin"}
|| | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"DriverPowerState"
=0x1}
|| | | | "IOUserClientClass" = "AppleHPMUserClient"
|| | | | "IOProbeScore" = 0x0
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "RID" = 0x1
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleHPM"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHPM"
|| | | | }
|| | | | }
|| | | | +-o AppleHPMDevice@3F <class AppleHPMDevice, id 0x1000003d2, registered, matched, active, busy 0
(117 ms), retain 7>
|| | | | {
|| | | | | "Version" = 0x213400
|| | | | | "Revision ID" = 0x22
|| | | | | "RID" = 0x1
|| | | | | "Vendor ID" = 0x28
|| | | | | "Address" = 0x3f
|| | | | | "Device ID" = 0xcd3217
|| | | | | "I2C Read Failed" = No
|| | | | | "UUID" = "DB56320C-F920-5F8C-7249-D3225E3943DC"
|| | | | | "Revision" = 0x0
|| | | | | }
|| | | | | }
|| | | | | +-o Port-USB-C@2 <class AppleTCCControllerType10, id 0x100000415, registered, matched, active, busy 0
(45 ms), retain 22>
|| | | | | {
|| | | | | | "SupervisedTransportsRestricted" = No
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "OpticalCable" = No
|| | | | | | "IOUserClientClass" = "IOAccessoryManagerUserClient"
|| | | | | | "ConnectionActive" = No
|| | | | | | "IOAccessoryActivePowerMode" = 0x1
|| | | | | | "PlugOrientation" = 0x0
|| | | | | | "HPDAsserted" = No
|| | | | | | "TransportsSupported" = ("CC","USB2","USB3","CIO","DisplayPort")
|| | | | | | "IOAccessoryPrimaryDevicePort" = 0x102
|| | | | | | "TransportsActive" = ("CC","USB2")
|| | | | | | "IOAccessoryManagerType" = 0x3
|| | | | | | "IOAccessorySupportedPowerModes" = (0x1,0x3)
|| | | | | | "ConnectionCount" = 0x0
|| | | | | | "IOAccessoryUSBCConnectType" = 0x0
|| | | | | | "Plug Event Count" = 0x1
|| | | | | | "IOAccessoryUSBActive" = Yes
|| | | | | | "DisplayPortPinAssignment" = 0x0
|| | | | | | "IOAccessoryID" = 0x64
|| | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleHPM"
|| | | | | | "PortType" = 0x2
|| | | | | | "PortNumber" = 0x2
|| | | | | | "IOAccessoryPowerCurrentLimits" = (0x0,0x0,0x0,0x0,0x0)
|| | | | | | "PortTypeDescription" = "USB-C"
|| | | | | | "Builtin" = Yes
|| | | | | | "FeaturesSupported" = ()
|| | | | | | "IOAccessorySleepPowerCurrentLimit" = 0x0
|| | | | | | "IOAccessoryDetect" = No
|| | | | | | "IOAccessoryUSBModeType" = 0x4
|| | | | | | "Pin Configuration" = {"sbu1"=0x0,"tx1"=0x0,"rx2"=0x0,"tx2"=0x0,"sbu2"=0x0,"rx1"=0x0}
|| | | | | | "AccessoryMode" = 0x0
|| | | | | | "TransportsProvisioned" = ("CC","USB2")
|| | | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | | "Data Status Reg" = <0000000000>
|| | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleHPM"
|| | | | | | "IOFunctionParent0000011E" = <>
|| | | | | | "AutoMatched" = No
|| | | | | | "IOProviderClass" = "AppleHPMDevice"
|| | | | | | "IOAccessoryPowerMode" = 0x1
|| | | | | | "CF VID Status Reg" = <00000000000000000000000000000000>
|| | | | | | "IOClass" = "AppleTCCControllerType10"
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHPM"
|| | | | | | "Overcurrent Count" = 0x0
|| | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | "IOAccessoryManagerSleepPower" = No
|| | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | "ActiveCable" = No
|| | | | | | "IOProbeScore" = 0x64
|| | | | | | "IOAccessoryUSBCConnectTypePublished" = 0x0
|| | | | | | "AppLoaded Count" = 0x1
|| | | | | | "Status Reg" = <00000010>
|| | | | | | }
|| | | | | | }
|| | | | | | +-o IOAccessoryTRM <class IOAccessoryTRM, id 0x100000546, registered, matched, active, busy 0 (0
ms), retain 5>
|| | | | | | {
|| | | | | | | "IOClass" = "IOAccessoryTRM"
|| | | | | | | "CFBundleIdentifier" = "com.apple.iokit.IOAccessoryManager"
|| | | | | | | "IOProviderClass" = "IOAccessoryManager"
|| | | | | | | "State" = 0x1
|| | | | | | | "IOProbeScore" = 0x0

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|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IOAccessoryTRM"
|| | | "SupervisedAccessoryAttached" = No
|| | | "SupervisedTransportsRestricted" = No
|| | | "GracePeriodReason" = 0x1
|| | | "IOPersonalityPublisher" = "com.apple.iokit.IOAccessoryManager"
|| | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOAccessoryManager"
|| | | "IOAccessoryPrimaryDevicePort" = 0x102
|| | | }
|| | |
|| | | +-o CC <class IOPortTransportStateCC, id 0x10000054b, registered, matched, active, busy 0 (2 ms),
retain 8>
|| | | {
|| | | | "HashStatus" = 0x0
|| | | | "ParentPortType" = 0x2
|| | | | "ParentBuiltInPortType" = 0x2
|| | | | "HashStatusDescription" = "Not Set"
|| | | | "TRM_TransportSupervised" = No
|| | | | "Index" = 0x0
|| | | | "Tunneled" = No
|| | | | "ParentPortTypeDescription" = "USB-C"
|| | | | "TransportType" = 0x1
|| | | | "ParentBuiltInPortNumber" = 0x2
|| | | | "IOUserClientClass" = "IOPortTransportUserClient"
|| | | | "ParentPortNumber" = 0x2
|| | | | "DriverStatusDescription" = "Not Monitored"
|| | | | "Metadata" = {}
|| | | | "AuthenticationRequired" = No
|| | | | "TransportTypeDescription" = "CC"
|| | | | "ParentBuiltInPortTypeDescription" = "USB-C"
|| | | | "DriverStatus" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "Active" = No
|| | | | }
|| | | |
|| | | | +-o USB2 <class IOPortTransportStateUSB2, id 0x10000054e, registered, matched, active, busy 0 (0 ms),
retain 10>
|| | | | {
|| | | | | "HashStatus" = 0x0
|| | | | | "ParentPortType" = 0x2
|| | | | | "ParentBuiltInPortType" = 0x2
|| | | | | "HashStatusDescription" = "Not Set"
|| | | | | "TRM_TransportSupervised" = No
|| | | | | "DataRoleDescription" = "None"
|| | | | | "Index" = 0x0
|| | | | | "Tunneled" = No
|| | | | | "ParentPortTypeDescription" = "USB-C"
|| | | | | "TransportType" = 0x2
|| | | | | "ParentBuiltInPortNumber" = 0x2
|| | | | | "IOUserClientClass" = "IOPortTransportUserClient"
|| | | | | "ParentPortNumber" = 0x2
|| | | | | "DriverStatusDescription" = "Ready"
|| | | | | "Metadata" = {}
|| | | | | "AuthenticationRequired" = No
|| | | | | "Generation" = 0x1
|| | | | | "TransportTypeDescription" = "USB2"
|| | | | | "GenerationDescription" = "USB 2.0"
|| | | | | "ParentBuiltInPortTypeDescription" = "USB-C"
|| | | | | "DriverStatus" = 0x2
|| | | | | "DataRole" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "Active" = No
|| | | | | }
|| | | | |
|| | | | | +-o admac-sio@38200000 <class AppleARMIODevice, id 0x1000001b0, registered, matched, active, busy 0 (242
ms), retain 8>
|| | | | | {
|| | | | | | "IOInterruptSpecifiers" = (<72020000>)
|| | | | | | "#dma-channels" = <0c000000>
|| | | | | | "clock-gates" = <2f00000058010000>
|| | | | | | "irq-destination-index" = <01000000>
|| | | | | | "channel-buffer-allocation" = <0040000000000000>
|| | | | | | "channels-offset" = <28000000>
|| | | | | | "AAPL,phandle" = <b1000000>
|| | | | | | "irq-destinations" = <555043532043494144534e554b4c4353>
|| | | | | | "IODeviceMemory" = ({"address"=0x23820000,"length"=0x340000},
{"address"=0x23d2a8000,"length"=0x8}))
|| | | | | | "IOReportLegendPublic" = Yes
|| | | | | | "iommu-parent" = <9e000000>
|| | | | | | "IOInterruptControllers" = ("IOInterruptController00000070")
|| | | | | | "name" = <61646d61632d73696f00>
|| | | | | | "interrupt-parent" = <70000000>
|| | | | | | "compatible" = <61646d61632c743831303300>
|| | | | | | "interrupts" = <72020000>
|| | | | | | "clock-ids" = <4d0100004e010000>
|| | | | | | "role" = <204f4953>
|| | | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
|| | | | | | "device_type" = <61646d616300>
|| | | | | | "power-gates" = <2f00000058010000>
|| | | | | | "reg" = <00002038000000000400300000000000802a3d0000000080000000000000>
|| | | | | | }
|| | | | | |
|| | | | | | +-o IODMAController000000B1 <class AudioDMAController, id 0x1000002ca, registered, matched, active, busy 0
(37 ms), retain 67>
|| | | | | | {
|| | | | | | | "IOClass" = "AudioDMAController"
|| | | | | | | "CFBundleIdentifier" = "com.apple.driver.AudioDMAController-T8103"
|| | | | | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | | | | | | "IOProbeScore" = 0x0
|| | | | | | | "IONameMatch" = ("admac,t8103")

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    | | | "IOMatchedAtBoot" = Yes
    | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | "IOReportLegend" =
({"IOReportGroupName"="SIO", "IOReportChannels"=((0x4144414749525143,0x100040001,"Aggregate Count"),
(0x4144434f49525143,0x100040001,"Controller Count"),(0x4144434849525143,0x100040001,"Channel
Count")), "IOReportChannelInfo"={"IOReportChannelUnit"=0x6400000000000000, "IOReportSubGroupName"="Interrupts
"}, {"IOReportGroupName"="SIO", "IOReportChannels"=((0x4144435442445020,0x2f00080003,"Timebase Offset
(Positive)")), "IOReportChannelInfo"={"IOReportChannelConfig"="<e803000000000000000000000090000010270000000
000001$
    | | | "IOReportLegendPublic" = Yes
    | | | "IOFunctionParent000000B1" = <>
    | | | "IONameMatched" = "admac,t8103"
    | | | "IOPersonalityPublisher" = "com.apple.driver.AudioDMAController-T8103"
    | | | "CFBundleIdentifierKernel" = "com.apple.driver.AudioDMAController-T8103"
    | | | }
    | | | }
    | | | ++o SIO0TX <class AudioDMAChannel, id 0x1000036f, registered, matched, active, busy 0 (14 ms), retain 8>
    | | | {
    | | | "Direction" = "TX"
    | | | "IOProviderClass" = "AudioDMAController"
    | | | "IOClass" = "AudioDMAChannel"
    | | | "State" = "Sleeping"
    | | | "IOReportLegendPublic" = Yes
    | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | | "IOReportLegend" =
({"IOReportGroupName"="Tx", "IOReportChannels"=((0x414453534d543030,0xb81000002,"ChannelState")), "IOReportCh
annelInfo"={"IOReportChannelUnit"=0x1000079000000000, "IOReportSubGroupName"="CSM"},
{"IOReportGroupName"="Tx", "IOReportChannels"=((0x414444350543030,0x1400080003,"DMA
C2P")), "IOReportChannelInfo"={"IOReportChannelConfig"="<a0860100000000000000000000000a0000008096980000000000
0010000000a000000>", "IOReportChannelUnit"=0x1000076000000000, "IOReportSubGroupName"="DMACMPLHistogram"
}, {"IOReportGroupName"="Tx", "IORe$
    | | | }
    | | | }
    | | | ++o SIO1TX <class AudioDMAChannel, id 0x10000370, registered, matched, active, busy 0 (6 ms), retain 8>
    | | | {
    | | | "IOClass" = "AudioDMAChannel"
    | | | "IOProviderClass" = "AudioDMAController"
    | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | | "Direction" = "TX"
    | | | "State" = "Uninitialized"
    | | | }
    | | | }
    | | | ++o SIO2TX <class AudioDMAChannel, id 0x10000371, registered, matched, active, busy 0 (10 ms), retain 8>
    | | | {
    | | | "Direction" = "TX"
    | | | "IOProviderClass" = "AudioDMAController"
    | | | "IOClass" = "AudioDMAChannel"
    | | | "State" = "Sleeping"
    | | | "IOReportLegendPublic" = Yes
    | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | | "IOReportLegend" =
({"IOReportGroupName"="Tx", "IOReportChannels"=((0x414453534d543032,0xb81000002,"ChannelState")), "IOReportCh
annelInfo"={"IOReportChannelUnit"=0x1000079000000000, "IOReportSubGroupName"="CSM"},
{"IOReportGroupName"="Tx", "IOReportChannels"=((0x414444350543032,0x1400080003,"DMA
C2P")), "IOReportChannelInfo"={"IOReportChannelConfig"="<a0860100000000000000000000000a0000008096980000000000
0010000000a000000>", "IOReportChannelUnit"=0x1000076000000000, "IOReportSubGroupName"="DMACMPLHistogram"
}, {"IOReportGroupName"="Tx", "IORe$
    | | | }
    | | | }
    | | | ++o SIO3TX <class AudioDMAChannel, id 0x10000372, registered, matched, active, busy 0 (5 ms), retain 8>
    | | | {
    | | | "IOClass" = "AudioDMAChannel"
    | | | "IOProviderClass" = "AudioDMAController"
    | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | | "Direction" = "TX"
    | | | "State" = "Uninitialized"
    | | | }
    | | | }
    | | | ++o SIO4TX <class AudioDMAChannel, id 0x10000373, registered, matched, active, busy 0 (6 ms), retain 8>
    | | | {
    | | | "IOClass" = "AudioDMAChannel"
    | | | "IOProviderClass" = "AudioDMAController"
    | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | | "Direction" = "TX"
    | | | "State" = "Uninitialized"
    | | | }
    | | | }
    | | | ++o SIO5TX <class AudioDMAChannel, id 0x10000374, registered, matched, active, busy 0 (8 ms), retain 8>
    | | | {
    | | | "IOClass" = "AudioDMAChannel"
    | | | "IOProviderClass" = "AudioDMAController"
    | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | | "Direction" = "TX"
    | | | "State" = "Uninitialized"
    | | | }
    | | | }
    | | | ++o SIO6TX <class AudioDMAChannel, id 0x10000375, registered, matched, active, busy 0 (5 ms), retain 8>
    | | | {
    | | | "Direction" = "TX"
    | | | "IOProviderClass" = "AudioDMAController"
    | | | "IOClass" = "AudioDMAChannel"
    | | | "State" = "Sleeping"
    | | | "IOReportLegendPublic" = Yes
    | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | | "IOReportLegend" =
({"IOReportGroupName"="Tx", "IOReportChannels"=((0x414453534d543036,0xb81000002,"ChannelState")), "IOReportCh
annelInfo"={"IOReportChannelUnit"=0x1000079000000000, "IOReportSubGroupName"="CSM"},
{"IOReportGroupName"="Tx", "IOReportChannels"=((0x414444350543036,0x1400080003,"DMA
C2P")), "IOReportChannelInfo"={"IOReportChannelConfig"="<a0860100000000000000000000000a0000008096980000000000
0010000000a000000>", "IOReportChannelUnit"=0x1000076000000000, "IOReportSubGroupName"="DMACMPLHistogram"
}, {"IOReportGroupName"="Tx", "IORe$

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    | | | }
    | | | }
    | | | +-o SIO7TX <class AudioDMAChannel, id 0x100000376, registered, matched, active, busy 0 (15 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "TX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | | }
    | | | +-o SIO8TX <class AudioDMAChannel, id 0x100000377, registered, matched, active, busy 0 (4 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "TX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | | }
    | | | +-o SIO9TX <class AudioDMAChannel, id 0x100000378, registered, matched, active, busy 0 (18 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "TX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | | }
    | | | +-o SIOATX <class AudioDMAChannel, id 0x100000379, registered, matched, active, busy 0 (12 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "TX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | | }
    | | | +-o SIOBTX <class AudioDMAChannel, id 0x10000037a, registered, matched, active, busy 0 (3 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "TX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | | }
    | | | +-o SIO0RX <class AudioDMAChannel, id 0x10000037b, registered, matched, active, busy 0 (14 ms), retain 8>
    | | | {
    | | |   "Direction" = "RX"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "State" = "Sleeping"
    | | |   "IOReportLegendPublic" = Yes
    | | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "IOReportLegend" =
({"IOReportGroupName"="Rx","IOReportChannels"=((0x4144453534d523030,0xb81000002,"ChannelState")), "IOReportCh
annelInfo"={"IOReportChannelUnit"=0x100007900000000}, "IOReportSubGroupName"="CSM"},
{"IOReportGroupName"="Rx","IOReportChannels"=((0x4144444350523030,0x1400080003,"DMA
C2P")), "IOReportChannelInfo"={"IOReportChannelConfig"=<a08601000000000000000000000a000000809698000000000
00100000000a000000>,"IOReportChannelUnit"=0x100007600000000}, "IOReportSubGroupName"="DMACPLHistogram"
}, {"IOReportGroupName"="Rx","IORe$
    | | | }
    | | | }
    | | | +-o SIO1RX <class AudioDMAChannel, id 0x10000037c, registered, matched, active, busy 0 (4 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "RX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | | }
    | | | +-o SIO2RX <class AudioDMAChannel, id 0x10000037d, registered, matched, active, busy 0 (15 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "RX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | | }
    | | | +-o SIO3RX <class AudioDMAChannel, id 0x10000037e, registered, matched, active, busy 0 (16 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "RX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | | }
    | | | +-o SIO4RX <class AudioDMAChannel, id 0x10000037f, registered, matched, active, busy 0 (6 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "RX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | | }

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    | | | }
    | | |
    | | | +-o SIO5RX <class AudioDMAChannel, id 0x100000380, registered, matched, active, busy 0 (5 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
    | | | {"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "RX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | |
    | | | +-o SIO6RX <class AudioDMAChannel, id 0x100000381, registered, matched, active, busy 0 (10 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
    | | | {"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "RX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | |
    | | | +-o SIO7RX <class AudioDMAChannel, id 0x100000382, registered, matched, active, busy 0 (12 ms), retain 8>
    | | | {
    | | |   "Direction" = "RX"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "State" = "Sleeping"
    | | |   "IOReportLegendPublic" = Yes
    | | |   "IOPowerManagement" =
    | | | {"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "IOReportLegend" =
    | | | ({"IOReportGroupName"="Rx","IOReportChannels"=((0x4144453534d523037,0xb81000002,"ChannelState")), "IOReportCh
    | | | annelInfo"={"IOReportChannelUnit"=0x100007900000000}, "IOReportSubGroupName"="CSM"},
    | | | {"IOReportGroupName"="Rx","IOReportChannels"=((0x4144444350523037,0x14000800003,"DMA
    | | | C2P")), "IOReportChannelInfo"={"IOReportChannelConfig"=<a0860100000000000000000000000000000000000809698000000000
    | | | 0010000000a0000000>,"IOReportChannelUnit"=0x100007600000000}, "IOReportSubGroupName"="DMACMPLHistogram"
    | | | }, {"IOReportGroupName"="Rx","IORe$
    | | | }
    | | |
    | | | +-o SIO8RX <class AudioDMAChannel, id 0x100000383, registered, matched, active, busy 0 (12 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
    | | | {"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "RX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | |
    | | | +-o SIO9RX <class AudioDMAChannel, id 0x100000384, registered, matched, active, busy 0 (10 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
    | | | {"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "RX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | |
    | | | +-o SIOARX <class AudioDMAChannel, id 0x100000385, registered, matched, active, busy 0 (8 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
    | | | {"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "RX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | |
    | | | +-o SIOBRX <class AudioDMAChannel, id 0x100000386, registered, matched, active, busy 0 (18 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AudioDMAChannel"
    | | |   "IOProviderClass" = "AudioDMAController"
    | | |   "IOPowerManagement" =
    | | | {"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | |   "Direction" = "RX"
    | | |   "State" = "Uninitialized"
    | | | }
    | | |
    | | | +-o admac-aop-audio@4A980000 <class AppleARMIODevice, id 0x1000001b1, registered, matched, active, busy 0
    | | | (266 ms), retain 8>
    | | | {
    | | |   "IOInterruptSpecifiers" = (<41010000>)
    | | |   "#dma-channels" = <10000000>
    | | |   "irq-destination-index" = <02000000>
    | | |   "AAPL,phandle" = <b2000000>
    | | |   "channel-buffer-allocation" = <0030000000000000>
    | | |   "channels-offset" = <00000000>
    | | |   "irq-destinations" = <555043415550435204349414b4c4353>
    | | |   "IODeviceMemory" = ({("address"=0x24a98000,"length"=0x34000}),
    | | | ("address"=0x23d2a8000,"length"=0x8))
    | | |   "IOReportLegendPublic" = Yes
    | | |   "iommu-parent" = <85000000>
    | | |   "external-power" = <>
    | | |   "IOInterruptControllers" = ("IOInterruptController00000070")
    | | |   "name" = <61646d61632d616f702d617564696f00>
    | | |   "interrupt-parent" = <70000000>
    | | |   "compatible" = <61646d61632c743831303300>
    | | |   "interrupts" = <41010000>
    | | |   "clock-ids" = <0d0100001c010000>
    | | |   "role" = <20415041>
    | | |   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
    | | | index)","IOReportChannels"=((0x496e747200000000,0x100020001,"      First Level Interrupt Handler Count"),
    | | | (0x496e747200000001,0x100020001,"      Second Level Interrupt Handler Count"),
    | | | (0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)"),
    | | | (0x496e747200000003,0x100020001,"      Second Level Interrupt Handler CPU Time (MATUs)"),
    | | | (0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
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    || | "device_type" = <61646d616300>
    || | "reg" = <0000984a000000000400300000000000802a3d000000000800000000000000>
    || | }
    || | }
    || | +-o IODMAController000000B2 <class AudioDMAController, id 0x1000002c9, registered, matched, active, busy 0
(45 ms), retain 73>
    || | {
    || | | "IOClass" = "AudioDMAController"
    || | | "CFBundleIdentifier" = "com.apple.driver.AudioDMAController-T8103"
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState
"=0x1}
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = ("admac,t8103")
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IOReportLegend" =
{"IOReportGroupName"="SIO","IOReportChannels"=((0x4144414749525143,0x100040001,"Aggregate Count"),
(0x4144434f49525143,0x100040001,"Controller Count"),(0x4144434849525143,0x100040001,"Channel
Count")),IOReportChannelInfo="{IOReportChannelUnit"=0x6400000000000000,"IOReportSubGroupName"="Interrupts
"},{"IOReportGroupName"="SIO","IOReportChannels"=((0x4144435442445020,0x2f00080003,"Timebase Offset
(Positive)")),IOReportChannelInfo="{IOReportChannelConfig"=0x8030000000000000000000000900000010270000000
0000001$
    || | | "IOReportLegendPublic" = Yes
    || | | "IONameMatched" = "admac,t8103"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AudioDMAController-T8103"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AudioDMAController-T8103"
    || | | "IOFunctionParent000000B2" = <>
    || | | }
    || | | }
    || | +-o APA0TX <class AudioDMAChannel, id 0x1000003c3, registered, matched, active, busy 0 (0 ms), retain 8>
    || | | {
    || | | | "IOClass" = "AudioDMAChannel"
    || | | | "IOProviderClass" = "AudioDMAController"
    || | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    || | | | "Direction" = "TX"
    || | | | "State" = "Uninitialized"
    || | | | }
    || | | | }
    || | +-o APA1TX <class AudioDMAChannel, id 0x1000003c5, registered, matched, active, busy 0 (0 ms), retain 8>
    || | | {
    || | | | "IOClass" = "AudioDMAChannel"
    || | | | "IOProviderClass" = "AudioDMAController"
    || | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    || | | | "Direction" = "TX"
    || | | | "State" = "Uninitialized"
    || | | | }
    || | | | }
    || | +-o APA2TX <class AudioDMAChannel, id 0x1000003c6, registered, matched, active, busy 0 (5 ms), retain 8>
    || | | {
    || | | | "IOClass" = "AudioDMAChannel"
    || | | | "IOProviderClass" = "AudioDMAController"
    || | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    || | | | "Direction" = "TX"
    || | | | "State" = "Uninitialized"
    || | | | }
    || | | | }
    || | +-o APA3TX <class AudioDMAChannel, id 0x1000003c7, registered, matched, active, busy 0 (0 ms), retain 8>
    || | | {
    || | | | "IOClass" = "AudioDMAChannel"
    || | | | "IOProviderClass" = "AudioDMAController"
    || | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    || | | | "Direction" = "TX"
    || | | | "State" = "Uninitialized"
    || | | | }
    || | | | }
    || | +-o APA4TX <class AudioDMAChannel, id 0x1000003c8, registered, matched, active, busy 0 (3 ms), retain 8>
    || | | {
    || | | | "IOClass" = "AudioDMAChannel"
    || | | | "IOProviderClass" = "AudioDMAController"
    || | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    || | | | "Direction" = "TX"
    || | | | "State" = "Uninitialized"
    || | | | }
    || | | | }
    || | +-o APA5TX <class AudioDMAChannel, id 0x1000003c9, registered, matched, active, busy 0 (0 ms), retain 8>
    || | | {
    || | | | "IOClass" = "AudioDMAChannel"
    || | | | "IOProviderClass" = "AudioDMAController"
    || | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    || | | | "Direction" = "TX"
    || | | | "State" = "Uninitialized"
    || | | | }
    || | | | }
    || | +-o APA6TX <class AudioDMAChannel, id 0x1000003ca, registered, matched, active, busy 0 (22 ms), retain 8>
    || | | {
    || | | | "IOClass" = "AudioDMAChannel"
    || | | | "IOProviderClass" = "AudioDMAController"
    || | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    || | | | "Direction" = "TX"
    || | | | "State" = "Uninitialized"
    || | | | }
    || | | | }
    || | +-o APA7TX <class AudioDMAChannel, id 0x1000003d3, registered, matched, active, busy 0 (18 ms), retain 8>
    || | | {
    || | | | "IOClass" = "AudioDMAChannel"
    || | | | "IOProviderClass" = "AudioDMAController"
    || | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    || | | | "Direction" = "TX"
    || | | | }
```

```
|| | | "State" = "Uninitialized"
|| | | }
|| | | }
|| | | +-o APA8TX <class AudioDMACHannel, id 0x100003d4, registered, matched, active, busy 0 (28 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMACHannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | | }
|| | | +-o APA9TX <class AudioDMACHannel, id 0x100003d6, registered, matched, active, busy 0 (18 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMACHannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | | }
|| | | +-o APAATX <class AudioDMACHannel, id 0x100003d7, registered, matched, active, busy 0 (16 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMACHannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | | }
|| | | +-o APABTX <class AudioDMACHannel, id 0x100003d8, registered, matched, active, busy 0 (26 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMACHannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | | }
|| | | +-o APACTX <class AudioDMACHannel, id 0x100003d9, registered, matched, active, busy 0 (18 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMACHannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | | }
|| | | +-o APADTX <class AudioDMACHannel, id 0x100003da, registered, matched, active, busy 0 (18 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMACHannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | | }
|| | | +-o APAETX <class AudioDMACHannel, id 0x100003db, registered, matched, active, busy 0 (25 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMACHannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | | }
|| | | +-o APAFTX <class AudioDMACHannel, id 0x100003dc, registered, matched, active, busy 0 (18 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMACHannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "TX"
|| | |   "State" = "Uninitialized"
|| | | }
|| | | }
|| | | +-o APA0RX <class AudioDMACHannel, id 0x100003dd, registered, matched, active, busy 0 (37 ms), retain 8>
|| | | {
|| | |   "Direction" = "RX"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOClass" = "AudioDMACHannel"
|| | |   "State" = "Sleeping"
|| | |   "IOReportLegendPublic" = Yes
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "IOReportLegend" =
{"IOReportGroupName"="Rx","IOReportChannels"=((0x4144453534d523030,0xb81000002,"ChannelState")),"IOReportCh
annelInfo"=("{IOReportChannelUnit"=0x100007900000000},"IOReportSubGroupName"="CSM"),
{"IOReportGroupName"="Rx","IOReportChannels"=((0x4144444350523030,0x1400080003,"DMA
C2P")),"IOReportChannelInfo"=("{IOReportChannelConfig"=0xa0860100000000000000000000000000a000000809698000000000
00100000000a0000000>,"IOReportChannelUnit"=0x100007600000000},"IOReportSubGroupName"="DMACMPLHistogram"
)},{"IOReportGroupName"="Rx","IORe$
|| | | }
|| | | }
|| | | +-o APA1RX <class AudioDMACHannel, id 0x100003de, registered, matched, active, busy 0 (14 ms), retain 8>
|| | | {
|| | |   "IOClass" = "AudioDMACHannel"
|| | |   "IOProviderClass" = "AudioDMAController"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
|| | |   "Direction" = "RX"
```



```
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
  || | | "Direction" = "RX"
  || | | "State" = "Uninitialized"
  || | | }
  || | |
  || | | +-o APADRX <class AudioDMAChannel, id 0x1000003ea, registered, matched, active, busy 0 (10 ms), retain 8>
  || | | {
  || | |   "IOClass" = "AudioDMAChannel"
  || | |   "IOProviderClass" = "AudioDMAController"
  || | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
  || | |   "Direction" = "RX"
  || | |   "State" = "Uninitialized"
  || | |   }
  || | | }
  || | | +-o APAERX <class AudioDMAChannel, id 0x1000003eb, registered, matched, active, busy 0 (9 ms), retain 8>
  || | | {
  || | |   "IOClass" = "AudioDMAChannel"
  || | |   "IOProviderClass" = "AudioDMAController"
  || | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
  || | |   "Direction" = "RX"
  || | |   "State" = "Uninitialized"
  || | |   }
  || | | }
  || | | +-o APAFRX <class AudioDMAChannel, id 0x1000003ec, registered, matched, active, busy 0 (7 ms), retain 8>
  || | | {
  || | |   "IOClass" = "AudioDMAChannel"
  || | |   "IOProviderClass" = "AudioDMAController"
  || | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
  || | |   "Direction" = "RX"
  || | |   "State" = "Uninitialized"
  || | |   }
  || | | }
  || | | +-o atc-phy0@82A90000 <class AppleARMIODevice, id 0x1000001b2, registered, matched, active, busy 0 (308
ms), retain 9>
  || | | {
  || | |   "tunable_CIO_LN1_AUSPMA_RX_SHM" =
<1c000020ff0ffc07210cc001240002000c000000c000002800002000060000000600002c000020700000005000000
0380000200000801f000000133c0000200000007000000075c00002000040000000400008400002017fc0000156800
008c00002000001c00000010001c000020ff0ffc07210cc001240002000c000000c000002800002000060000000600
002c000020700000005000000380000200000801f000000133c0000200000007000000075c000020000400000004
000084000020e0830f00a0020d008c00002000001c0000001000>
  || | |   "function-dock_parent" = <1d01000050636361>
  || | |   "tunable_ATC0AXI2AF" =
<000002003000000000000030000020ffffff000034000020ffffff00000040020ff030140010001400006002
0ffffff0138070020ff01ff014000400098070020ff01ff0120006000008002000010000000100000090020030000
00000000020090020030000000000000>
  || | |   "tunable_CIO_LN0_AUSPMA_TX_TOP" =
<0800002000fc0000006c000030000020c03f0000002a0000800000200000f80000018008c000020f0ffff0f20222202
0800002000fc0000006c000030000020c03f0000002a0000800000200000f80000018008c000020f0ffff0f20222202>
  || | |   "tunable_CIO_LN1_AUSPMA_TX_TOP" =
<0800002000fc0000006c000030000020c03f0000002a0000800000200000f80000018008c000020f0ffff0f20222202
0800002000fc0000006c000030000020c03f0000002a0000800000200000f80000018008c000020f0ffff0f20222202>
  || | |   "tunable-host" = <00000000800000000000000700000007000000>
  || | |   "tunable_CIO3PLL_TOP" =
<1000020ffffff040a0a088000020ff0100002701000094000020ff01000015010000>
  || | |   "tunable_CIO_ACIOPHY_TOP" = <>
  || | |   "tunable_CIO_LN0_AUSPMA_RX_TOP" =
<000000200000007e0000001e140000200080000000000002c0000203ffff64f3fffa04a300000200cf0ff110400001140
000200000300000000068000020380000001800000740000203f0000003e000000840000200eff1f000a4000008
8000020ff3f000024120000ac00002000801f0000000400ec000020fcffff0000080004010020ffff00000202000008010
02003000000000000010010020f0ffff0f2022220218010020020000000000000000200000007e0000001e140000
200080000000000002c0000203ffff64f3fffa04a300000200cf0ff1104000011400000200000300000000068000020
3800000018$
  || | |   "tunable_CIO_LN1_AUSPMA_RX_TOP" =
<000000200000007e0000001e140000200080000000000002c0000203ffff64f3fffa04a300000200cf0ff110400001140
000200000300000000068000020380000001800000740000203f0000003e000000840000200eff1f000a4000008
8000020ff3f000024120000ac00002000801f0000000400ec000020fcffff0000080004010020ffff00000202000008010
02003000000000000010010020f0ffff0f2022220218010020020000000000000000200000007e0000001e140000
200080000000000002c0000203ffff64f3fffa04a300000200cf0ff1104000011400000200000300000000068000020
3800000018$
  || | |   "tunable_CIO_CIO3PLL_TOP" = <>
  || | |   "tunable_USB_LN0_AUSPMA_RX_EQ" = <>
  || | |   "tunable_USB_LN0_AUSPMA_RX_SHM" =
<1c000020ff0ffc07210cc001240002000c000000c000002800002000060000000600002c000020700000005000000
0380000200800801f080000133c00002000000070000000780000020ffffff508580008400002017fc0031c7000028
80000203ff0033f200002208c000020c00f0000000800001c000020ff0ffc07210cc001240002000c000000c0000028
00002000060000000600002c000020700000005000000380000200800801f080000133c000020000000700000007
80000020ffffff5085800084000020e083ff0380030e02880000203ff0033f200002208c000020c00f000000080000>
  || | |   "tunable_USB_LN1_AUSPMA_RX_SHM" =
<1c000020ff0ffc07210cc001240002000c000000c000002800002000060000000600002c000020700000005000000
0380000200800801f080000133c00002000000070000000780000020ffffff508580008400002017fc0031c7000028
80000203ff0033f200002208c000020c00f0000000800001c000020ff0ffc07210cc001240002000c000000c0000028
00002000060000000600002c000020700000005000000380000200800801f080000133c000020000000700000007
80000020ffffff5085800084000020e083ff0380030e02880000203ff0033f200002208c000020c00f000000080000>
  || | |   "tunable_ATC_FABRIC" =
<040000203f003f00200020000c000020f1000000a100000100000201f800000400000180000203f003f002000200
020000020f1000000a1000000240000201f80000040000002c0000207f007f005200520034000020f10000007100000
03800002001000000010000003c000020010000000100000400000201f8000004000000480000201f000000100000
00500000201f800000400000580000207f007f004500450060000020f1000005100000640000201f8000004000
006c0000203f00000020000000740000201f80000040000007c000020010000000100000800000201f800000400
000880000201f001f00100010008c000$
  || | |   "tunable_USB_ACIOPHY_TOP" =
<18010020ffffff6ab46841c010020ffffff8708081824010020ffffff0a64000018010020ffffff6ab46841c010020ffffff
f8708081824010020ffffff0a640000>
  || | |   "tunable_USB_LN0_AUSPMA_TX_TOP" =
<0800002000fc0000006c000018000020c0ffff1f808101031c000020ff070000a005000030000020c03f0000002a00008
0000200000f80000018008c000020f0ffff0f202222020800002000fc0000006c000018000020c0ffff1f808101031c000
020ff070000a005000030000020c03f0000002a0000800000200000f80000018008c000020f0ffff0f20222202>
  || | |   "tunable_USB_LN1_AUSPMA_TX_TOP" =
<0800002000fc0000006c000018000020c0ffff1f808101031c000020ff070000a005000030000020c03f0000002a00008
0000200000f80000018008c000020f0ffff0f202222020800002000fc0000006c000018000020c0ffff1f808101031c000
020ff070000a005000030000020c03f0000002a0000800000200000f80000018008c000020f0ffff0f20222202>
  || | |   "tunable_USB_LN1_AUSPMA_RX_EQ" = <>
  || | |   "clock-gates" = <5d010000dd000000>
  || | |   "tunable_USB_LN0_AUSPMA_RX_TOP" =
```

```
<000000200000007e0000003e140000200080000000000002c0000200f0ff0200f0fa020300000200031ff000000ff00
400000200000030000000000440000200000030000003006800002038000001800000740000203f0000003e000
000840000200eff1f000a40000088000020ff3f000024120000ac0000200801f0000000400dc000020ffffff8ac428cce
c000020fcffffff04260000f4000020ffffff50062803fc0000201f7c00000410000004010020ffffff00000202000008010020
0300000000000010010020f0ffff0f2022220200000200000007e0000003e140000200080000000000002c000020
0f0ff0200f$
    || || "tunable_AUS_CMN_SHM" = <0000002000fc030000c00300>
    || || "tunable_CIO3PLL_CORE" =
<0000002022000000220000001c0000200700000002000002000002007000200030002002800002010000001000
00009c0000200000020000000000>
    || || "tunable_CIO_LN0_AUSPMA_RX_EQ" =
<480000200f0000000200000050000020ff0f0000ff00000540000200f00000002000005c000020ff0f0000ff0f00007
c000020ff0f0000ff070000980000203f0000003f000000bc000020000c07f0000000348000020f00000002000005
0000020ff0f0000ff0f0000540000200f00000002000005c000020ff0f0000ff0f00007c000020ff0f0000ff07000098000
0203f00000003f000000bc000020000c07f00000003>
    || || "tunable_USB_LN1_AUSPMA_RX_TOP" =
<000000200000007e0000003e140000200080000000000002c0000200f0ff0200f0fa020300000200031ff000000ff00
400000200000030000000000440000200000030000003006800002038000001800000740000203f0000003e000
000840000200eff1f000a40000088000020ff3f000024120000ac0000200801f0000000400dc000020ffffff8ac428cce
c000020fcffffff04260000f4000020ffffff50062803fc0000201f7c00000410000004010020ffffff00000202000008010020
0300000000000010010020f0ffff0f2022220200000200000007e0000003e140000200080000000000002c000020
0f0ff0200f$
    || || "IODeviceMemory" = ({("address"=0x382a90000,"length"=0x4000)},
{"address"=0x382800000,"length"=0x4000}),{"address"=0x383020000,"length"=0x4000},
{"address"=0x383000000,"length"=0x4000}),{"address"=0x383002000,"length"=0x4000},
{"address"=0x383002200,"length"=0x4000}),{"address"=0x383002800,"length"=0x4000},
{"address"=0x383002a00,"length"=0x4000}),{"address"=0x383007000,"length"=0x4000},
{"address"=0x383000a00,"length"=0x4000}),{"address"=0x383000800,"length"=0x4000},
{"address"=0x38300d000,"length"=0x4000}),{"address$
    || || "tunable_CIO_LN1_AUSPMA_RX_EQ" =
<480000200f0000000200000050000020ff0f0000ff00000540000200f00000002000005c000020ff0f0000ff0f00007
c000020ff0f0000ff070000980000203f0000003f000000bc000020000c07f0000000348000020f00000002000005
0000020ff0f0000ff0f0000540000200f00000002000005c000020ff0f0000ff0f00007c000020ff0f0000ff07000098000
0203f00000003f000000bc000020000c07f00000003>
    || || "AAPL,phandle" = <b30000000>
    || || "name" = <6174632d7068793000>
    || || "tunable_DP_LN1_AUSPMA_TX_TOP" =
<0800002000fc0000006c000030000020c03f0000002a0000800000200000f80000018008c000020f0ffff0f20222202
>
    || || "tunable-device" = <00000000800000000700000000000000>
    || || "tunable_AUS_CMN_TOP" = <08000020f00ff0f20022202>
    || || "instance" = <00000000>
    || || "tunable_AUSPLL_CORE" =
<2c000020000900000009000078000020000000800000000a40000200100000001000000>
    || || "device_type" = <6174632d70687900>
    || || "compatible" = <6174632d7068792c743831303300>
    || || "port-type" = <02000000>
    || || "tunable_DP_LN0_AUSPMA_TX_TOP" =
<0800002000fc0000006c000030000020c03f0000002a0000800000200000f80000018008c000020f0ffff0f20222202
>
    || || "reg" =
<0000a98203000000004000000000000000808203000000040000000000000000000000283030000000400000000
000000000008303000000004000000000000000200083030000000000000000000000000220083030000000040000
000000000002800830300000000400000000000002a008303000000004000000000000007000830300000004
000000000000000a00830300000004000000000000008083030000000400000000000000d000830300000
004000000000000000040018303000000040000000000000c000830300000000400000000000000300183030
0000000400000000000000b00083030000000400000000000002001830300$
    || || "port-number" = <01000000>
    || || "tunable_AUSPLL_TOP" =
<8800002000000f0000000600940000200000f0000000600a00000200000f0000000500ac0000200000f0000000
500b800002000000f0000000500>
    || || "tunable_CIO_LN0_AUSPMA_RX_SHM" =
<1c000020ff0ffc07210cc0012400002000c0000000c0000028000020000600000060000020700000005000000
0380000200000801f000000133c0000200000007000000075c0000200004000000040000840000201f7c0000156800
008c00002000001c00000010001c000020ff0ffc07210cc0012400002000c0000000c0000028000020006000000600
002c0000207000000050000000380000200000801f000000133c0000200000007000000075c000020000400000004
000084000020e0830f00a0020d008c00002000001c0000001000>
    || || }
    || || }
    || | +-o AppleT8103TypeCPhy@0 <class AppleT8103TypeCPhy, id 0x1000002bb, registered, matched, active, busy 0
(0 ms), retain 21>
    || | {
    || |   "IOProbeScore" = 0x2710
    || |   "CFBundleIdentifier" = "com.apple.driver.AppleT8103TypeCPhy"
    || |   "IOProviderClass" = "AppleARMIODevice"
    || |   "IOClass" = "AppleT8103TypeCPhy"
    || |   "IOPersonalityPublisher" = "com.apple.driver.AppleT8103TypeCPhy"
    || |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103TypeCPhy"
    || |   "IOMatchedAtBoot" = Yes
    || |   "IONameMatch" = "atc-phy,t8103"
    || |   "IOMatchCategory" = "IODefaultMatchCategory"
    || |   "IONameMatched" = "atc-phy,t8103"
    || |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    || |   }
    || | }
    || | +-o dart-usb0@82F00000 <class AppleARMIODevice, id 0x1000001b3, registered, matched, active, busy 0 (220
ms), retain 9>
    || | {
    || |   "IOInterruptSpecifiers" = (<0d030000>)
    || |   "clock-gates" = <4201000042010000>
    || |   "AAPL,phandle" = <b4000000>
    || |   "protection-granularity" = <10000000>
    || |   "instance" = <54524144444152544c4c540054524144444152544424c4b00>
    || |   "IODeviceMemory" = ({("address"=0x382f00000,"length"=0x4000)},
{"address"=0x382f80000,"length"=0x4000})
    || |   "dart-tunables-instance-1" =
<600000000400000000610080000000000610080000000006800000004000000f0f0f000000000f0f000000000
006c00000004000000ffffff000000000080808000000000>
    || |   "remap" = <00010000>
    || |   "dart-options" = <07000000>
    || |   "tlb-invalid-refetch" = <>
    || |   "IOReportLegendPublic" = Yes
    || |   "IOInterruptControllers" = ("IOInterruptController00000070")
    || |   "name" = <646172742d7573623000>
    || |   "interrupt-parent" = <70000000>
    || |   "compatible" = <646172742c743830323000>
    || |   "page-size" = <00400000>
```



```
    || | "configuration-string" = <6e636d4175784272696e67757000>
    || | "device-mac-address" = <000000000000>
    || | "device_type" = <7573622d64726400>
    || | "compatible" = <7573622d6472642c743831303300>
    || | "port-type" = <02000000>
    || | "tunable_AUSBC_CTLREG" = <f000000000000001f00000000000000000000000000000000>
    || | "IOReportLegendPublic" = Yes
    || | "reg" =
<0000288203000000018010000000000000208203000000004000000000000000c028820300000001800000000
00000040a8820300000000400000000000000008082030000000040000000000000000a8820300000000400000
000000000000082030000000040000000000000000008820300000000400000000000000d02882030000000040
000000000000>
    || | "port-number" = <01000000>
    || | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
    || | "tunable_ATC_LINK_REGS" =
<200000000000000000f07f0000000000904e000000024000000000000000801f0000000000800b00000000
000>
    || | "usb-port-current-wake-limit" = <b80b0000>
    || | "IOInterruptSpecifiers" = (<09030000>,<0a030000>,<0b030000>,<0c030000>,<e0020000>)
    || | }
    || | }
    || | +-o AppleT8103USBXHCI@00000000 <class AppleT8103USBXHCI, id 0x1000002c7, registered, matched, active,
busy 0 (20471 ms), retain 347>
    || | |{
    || | | | "IOClass" = "AppleT8103USBXHCI"
    || | | | "kUSBSleepPortCurrentLimit" = 0xbb8
    || | | | "IOPersonalityPublisher" = "com.apple.driver.usb.AppleSynopsysUSB40XHCI"
    || | | | "IOMatchedAtBoot" = Yes
    || | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x3,"DevicePowerState"=0x0,"CurrentPowerState"=0x3,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x3,"DriverPowerState"=0x0}
    || | | | "IOProviderClass" = "AppleARMIODevice"
    || | | | "IOProbeScore" = 0x2711
    || | | | "locationID" = 0x0
    || | | | "kUSBWakePortCurrentLimit" = 0xbb8
    || | | | "IONameMatch" = "usb-drd,t8103"
    || | | | "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleSynopsysUSB40XHCI"
    || | | | "UsbHostControllerDeferRegisterService" = Yes
    || | | | "IOMatchCategory" = "usb-host"
    || | | | "CFBundleIdentifier" = "com.apple.driver.usb.AppleSynopsysUSB40XHCI"
    || | | | "Revision" = <0103>
    || | | | "IONameMatched" = "usb-drd,t8103"
    || | | | "UsbHostControllerStreamPolicy" = 0x2
    || | | | "UsbHostControllerTierLimit" = 0x6
    || | | | "controller-statistics" =
{"kControllerStatIOCount"=0x8b33c3,"kControllerStatPowerStateTime"={"kPowerStateOff"="26ms
(0%)","kPowerStateSleep"="0ms (0%)","kPowerStateOn"="2691900ms (99%)","kPowerStateSuspended"="0ms
(0%)"},"kControllerStatSpuriousInterruptCount"=0x0}
    || | | | "kUSBSleepSupported" = Yes
    || | | | }
    || | | | }
    || | | +-o usb-drd0-port-hs@00100000 <class AppleUSB20XHCITypeCPort, id 0x1000001b6, registered, matched,
active, busy 0 (431 ms), retain 17>
    || | | |{
    || | | | | "usb-c-port-number" = <01000000>
    || | | | | "kUSBSleepPortCurrentLimit" = 0xbb8
    || | | | | "AAPL,phandle" = <b7000000>
    || | | | | "kUSBWakePortCurrentLimit" = 0xbb8
    || | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x3,"DevicePowerState"=0x2,"CurrentPowerState"=0x3,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x3,"DriverPowerState"=0x0}
    || | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    || | | | | "locationID" = 0x100000
    || | | | | "device_type" = <7573622d647264302d706f72742d687300>
    || | | | | "kUSBBusCurrentSleepAllocation" = 0x0
    || | | | | "port-type" = <04000000>
    || | | | | "port-status" = 0x1300
    || | | | | "kUSBBusCurrentAllocation" = 0x0
    || | | | | "UsbCPortNumber" = 0x1
    || | | | | "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerStat
eTime"={"kPowerStateOff"="0ms (0%)","kPowerStateSleep"="0ms (0%)","kPowerStateOn"="2691745ms
(100%)","kPowerStateSuspended"="0ms
(0%)"},"kPortStatConnectCount"=0x1,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetCo
unt"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"=
0x0,"kPortStatOverCurrentCount"=0x0,"kPortStat$
    || | | | | "name" = <7573622d647264302d706f72742d687300>
    || | | | | "port" = <01000000>
    || | | | | }
    || | | | | }
    || | | +-o USB2.0 Hub@00100000 <class IOUSBHostDevice, id 0x10000075e, registered, matched, active, busy 0
(430 ms), retain 39>
    || | | |{
    || | | | | "sessionID" = 0x8e4a8dd
    || | | | | "USBSpeed" = 0x3
    || | | | | "idProduct" = 0x2817
    || | | | | "iManufacturer" = 0x1
    || | | | | "bDeviceClass" = 0x9
    || | | | | "IOPowerManagement" =
{"PowerOverrideOn"=Yes,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"DevicePowerState"=0x2,"DriverPowerState"=
0x0,"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2}
    || | | | | "bcdDevice" = 0x3c3
    || | | | | "bMaxPacketSize0" = 0x40
    || | | | | "iProduct" = 0x2
    || | | | | "iSerialNumber" = 0x3
    || | | | | "bNumConfigurations" = 0x1
    || | | | | "kUSBContainerID" = "2d207069-441e-de4c-8f73-78ec5964eca7"
    || | | | | "USB Product Name" = "USB2.0 Hub"
    || | | | | "locationID" = 0x100000
    || | | | | "bDeviceSubClass" = 0x0
    || | | | | "bcdUSB" = 0x210
    || | | | | "kUSBSerialNumberString" = "DEF0123456789ABC"
    || | | | | "USB Address" = 0x2
```



```
    | | | | | "IOCFPlugInTypes" = {"9dc7b780-9ec0-11d4-a54f-000a27052861"="IOUSBHostFamily.kext/Contents/
Plugins/IOUSBLib.bundle"}
    | | | | | "kUSBHubPortSequenceDelay" = 0x64
    | | | | | "bDeviceProtocol" = 0x2
    | | | | | "USBPortType" = 0x0
    | | | | | "IOServiceDEXTentitlements" = ("com.apple.developer.driverkit.transport.usb")
    | | | | | "kUSBCurrentConfiguration" = 0x1
    | | | | | "USB Vendor Name" = "VIA Labs, Inc."
    | | | | | "Device Speed" = 0x2
    | | | | | "idVendor" = 0x2109
    | | | | | "kUSBProductString" = "USB2.0 Hub"
    | | | | | "USB Serial Number" = "DEF0123456789ABC"
    | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | "kUSBAddress" = 0x2
    | | | | | "kUSBVendorString" = "VIA Labs, Inc."
    | | | | | }
    | | | | | }
    | | | | | +-o AppleUSB20Hub@00100000 <class AppleUSB20Hub, id 0x100000767, registered, matched, active, busy 0
(427 ms), retain 27>
    | | | | | {
    | | | | | | "IOClass" = "AppleUSB20Hub"
    | | | | | | "CFBundleIdentifier" = "com.apple.driver.usb.AppleUSBHub"
    | | | | | | "IOProviderClass" = "IOUSBHostDevice"
    | | | | | | "IOProbeScore" = 0xc350
    | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | "locationID" = 0x100000
    | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | "UsbBusCurrentPoolID" = 0x100000767
    | | | | | | "bDeviceSubClass" = 0x0
    | | | | | | "IOPersonalityPublisher" = "com.apple.driver.usb.AppleUSBHub"
    | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleUSBHub"
    | | | | | | "bDeviceClass" = 0x9
    | | | | | | }
    | | | | | | }
    | | | | | +-o AppleUSB20HubPort@00130000 <class AppleUSB20HubPort, id 0x100000769, registered, matched,
active, busy 0 (285 ms), retain 16>
    | | | | | {
    | | | | | | "port" = <03000000>
    | | | | | | "port-status" = 0x1301
    | | | | | | "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerSta
teTime"={"kPowerStateOff"="0ms (0%)","kPowerStateSleep"="0ms (0%)","kPowerStateOn"="2691091ms
(100%)","kPowerStateSuspended"="0ms
(0%)"},"kPortStatConnectCount"=0x1,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetCo
unt"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"=
0x0,"kPortStatOverCurrentCount"=0x0,"k$
    | | | | | | | "kUSBWakePortCurrentLimit" = 0x1f4
    | | | | | | | "kUSBSleepPortCurrentLimit" = 0x1f4
    | | | | | | | "kUSBBusCurrentSleepAllocation" = 0x0
    | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x3,"DevicePowerState"=0x1,"CurrentPowerState"=0x3,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x3,"DriverPowerState"=0x0}
    | | | | | | | "kUSBBusCurrentAllocation" = 0x64
    | | | | | | | "locationID" = 0x130000
    | | | | | | | }
    | | | | | | }
    | | | | | +-o USB2.0 Hub@00130000 <class IOUSBHostDevice, id 0x1000007ca, registered, matched, active, busy 0
(284 ms), retain 34>
    | | | | | {
    | | | | | | "sessionID" = 0x9e1127a
    | | | | | | "USBSpeed" = 0x3
    | | | | | | "idProduct" = 0x2817
    | | | | | | "iManufacturer" = 0x1
    | | | | | | "bDeviceClass" = 0x9
    | | | | | | "IOPowerManagement" =
{"PowerOverrideOn"=Yes,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"DevicePowerState"=0x2,"DriverPowerState"=
0x0,"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2}
    | | | | | | | "bcdDevice" = 0x9054
    | | | | | | | "bMaxPacketSize0" = 0x40
    | | | | | | | "iProduct" = 0x2
    | | | | | | | "iSerialNumber" = 0x0
    | | | | | | | "bNumConfigurations" = 0x1
    | | | | | | | "kUSBContainerID" = "a2b89e32-1ea1-0c4c-a91f-f0ebf908fb0f"
    | | | | | | | "USB Product Name" = "USB2.0 Hub"
    | | | | | | | "locationID" = 0x130000
    | | | | | | | "bDeviceSubClass" = 0x0
    | | | | | | | "bcdUSB" = 0x210
    | | | | | | | "USB Address" = 0x5
    | | | | | | | "kUSBHubPortSequenceDelay" = 0x64
    | | | | | | | "IOCFPlugInTypes" = {"9dc7b780-9ec0-11d4-a54f-000a27052861"="IOUSBHostFamily.kext/Contents/
Plugins/IOUSBLib.bundle"}
    | | | | | | | "kUSBCurrentConfiguration" = 0x1
    | | | | | | | "bDeviceProtocol" = 0x2
    | | | | | | | "USBPortType" = 0x1
    | | | | | | | "IOServiceDEXTentitlements" = ("com.apple.developer.driverkit.transport.usb")
    | | | | | | | "USB Vendor Name" = "VIA Labs, Inc."
    | | | | | | | "Device Speed" = 0x2
    | | | | | | | "idVendor" = 0x2109
    | | | | | | | "kUSBProductString" = "USB2.0 Hub"
    | | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | | "kUSBAddress" = 0x5
    | | | | | | | "kUSBVendorString" = "VIA Labs, Inc."
    | | | | | | | }
    | | | | | | }
    | | | | | +-o AppleUSB20Hub@00130000 <class AppleUSB20Hub, id 0x1000007cd, registered, matched, active,
busy 0 (277 ms), retain 23>
    | | | | | {
    | | | | | | "IOClass" = "AppleUSB20Hub"
    | | | | | | "CFBundleIdentifier" = "com.apple.driver.usb.AppleUSBHub"
    | | | | | | "IOProviderClass" = "IOUSBHostDevice"
    | | | | | | "IOProbeScore" = 0xc350
    | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | "locationID" = 0x130000
    | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | "UsbBusCurrentPoolID" = 0x1000007cd
    | | | | | | "bDeviceSubClass" = 0x0
    | | | | | | "IOPersonalityPublisher" = "com.apple.driver.usb.AppleUSBHub"
```

```
    || ||| ||| ||| "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleUSBHub"
    || ||| ||| ||| "bDeviceClass" = 0x9
    || ||| ||| ||| }
    || ||| ||| ||| }
    || ||| ||| ||| +-o AppleUSB20HubPort@00131000 <class AppleUSB20HubPort, id 0x1000007cf, registered, matched,
active, busy 0 (277 ms), retain 16>
    || ||| ||| ||| {
    || ||| ||| ||| "port" = <01000000>
    || ||| ||| ||| "port-status" = 0x1200
    || ||| ||| ||| "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerStat
eTime"={"kPowerStateOff"="0ms (0%)" ,"kPowerStateSleep"="0ms (0%)" ,"kPowerStateOn"="2690297ms
(100%)" ,"kPowerStateSuspended"="0ms
(0%)" ,"kPortStatConnectCount"=0x1,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetCo
unt"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"=
0x0,"kPortStatOverCurrentCount"=$
    || ||| ||| ||| "kUSBWakePortCurrentLimit" = 0x1f4
    || ||| ||| ||| "kUSBSleepPortCurrentLimit" = 0x1f4
    || ||| ||| ||| "kUSBBusCurrentSleepAllocation" = 0x0
    || ||| ||| ||| "IOGeneralInterest" = "IOCommand is not serializable"
    || ||| ||| ||| "IOPowerManagement" =
{"ChildrenPowerState"=0x3,"DevicePowerState"=0x1,"CurrentPowerState"=0x3,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x3,"DriverPowerState"=0x0}
    || ||| ||| ||| "kUSBBusCurrentAllocation" = 0x64
    || ||| ||| ||| "locationID" = 0x131000
    || ||| ||| ||| }
    || ||| ||| ||| }
    || ||| ||| ||| +-o USB Optical Mouse@00131000 <class IOUSBHostDevice, id 0x100000806, registered, matched,
active, busy 0 (276 ms), retain 29>
    || ||| ||| ||| {
    || ||| ||| ||| "sessionID" = 0xb07d754
    || ||| ||| ||| "USBSpeed" = 0x2
    || ||| ||| ||| "idProduct" = 0x2510
    || ||| ||| ||| "iManufacturer" = 0x1
    || ||| ||| ||| "bDeviceClass" = 0x0
    || ||| ||| ||| "IOPowerManagement" =
{"PowerOverrideOn"=Yes,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"DevicePowerState"=0x2,"DriverPowerState"=
0x0,"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2}
    || ||| ||| ||| "bcdDevice" = 0x100
    || ||| ||| ||| "bMaxPacketSize0" = 0x8
    || ||| ||| ||| "iProduct" = 0x2
    || ||| ||| ||| "iSerialNumber" = 0x0
    || ||| ||| ||| "bNumConfigurations" = 0x1
    || ||| ||| ||| "USB Product Name" = "USB Optical Mouse"
    || ||| ||| ||| "USB Address" = 0xa
    || ||| ||| ||| "locationID" = 0x131000
    || ||| ||| ||| "bDeviceSubClass" = 0x0
    || ||| ||| ||| "bcdUSB" = 0x200
    || ||| ||| ||| "kUSBCurrentConfiguration" = 0x1
    || ||| ||| ||| "IOCFPlugInTypes" = {"9dc7b780-9ec0-11d4-a54f-000a27052861"="IOUSBHostFamily.kext/Contents/
Plugins/IOUSBLib.bundle"}
    || ||| ||| ||| "bDeviceProtocol" = 0x0
    || ||| ||| ||| "USBPortType" = 0x0
    || ||| ||| ||| "IOServiceDXTEntitlements" = ("com.apple.developer.driverkit.transport.usb")
    || ||| ||| ||| "USB Vendor Name" = "PixArt"
    || ||| ||| ||| "Device Speed" = 0x0
    || ||| ||| ||| "idVendor" = 0x93a
    || ||| ||| ||| "kUSBProductString" = "USB Optical Mouse"
    || ||| ||| ||| "IOGeneralInterest" = "IOCommand is not serializable"
    || ||| ||| ||| "kUSBAddress" = 0xa
    || ||| ||| ||| "kUSBVendorString" = "PixArt"
    || ||| ||| ||| }
    || ||| ||| ||| }
    || ||| ||| ||| +-o AppleUSBHostCompositeDevice <class AppleUSBHostCompositeDevice, id 0x10000080d, !
registered, !matched, active, busy 0, retain 4>
    || ||| ||| ||| {
    || ||| ||| ||| "IOClass" = "AppleUSBHostCompositeDevice"
    || ||| ||| ||| "CFBundleIdentifier" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
    || ||| ||| ||| "IOProviderClass" = "IOUSBHostDevice"
    || ||| ||| ||| "kUSBPreferredConfiguration" = 0x1
    || ||| ||| ||| "IOProbeScore" = 0xc350
    || ||| ||| ||| "IOMatchedAtBoot" = Yes
    || ||| ||| ||| "IOMatchCategory" = "IODefaultMatchCategory"
    || ||| ||| ||| "bDeviceSubClass" = 0x0
    || ||| ||| ||| "IOPersonalityPublisher" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
    || ||| ||| ||| "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
    || ||| ||| ||| "IOPrimaryDriverTerminateOptions" = Yes
    || ||| ||| ||| "bDeviceClass" = 0x0
    || ||| ||| ||| }
    || ||| ||| ||| }
    || ||| ||| ||| +-o IOUSBHostInterface@0 <class IOUSBHostInterface, id 0x10000080e, registered, matched, active,
busy 0 (265 ms), retain 11>
    || ||| ||| ||| {
    || ||| ||| ||| "USBPortType" = 0x0
    || ||| ||| ||| "IOCFPlugInTypes" = {"2d9786c6-9ef3-11d4-ad51-000a27052861"="IOUSBHostFamily.kext/
Contents/Plugins/IOUSBLib.bundle"}
    || ||| ||| ||| "USB Vendor Name" = "PixArt"
    || ||| ||| ||| "bcdDevice" = 0x100
    || ||| ||| ||| "USBSpeed" = 0x2
    || ||| ||| ||| "idProduct" = 0x2510
    || ||| ||| ||| "IOServiceDXTEntitlements" = ("com.apple.developer.driverkit.transport.usb")
    || ||| ||| ||| "bInterfaceSubClass" = 0x1
    || ||| ||| ||| "bConfigurationValue" = 0x1
    || ||| ||| ||| "locationID" = 0x131000
    || ||| ||| ||| "USB Product Name" = "USB Optical Mouse"
    || ||| ||| ||| "IOEXTMatchCount" = 0x1
    || ||| ||| ||| "bInterfaceProtocol" = 0x2
    || ||| ||| ||| "iInterface" = 0x0
    || ||| ||| ||| "bAlternateSetting" = 0x0
    || ||| ||| ||| "idVendor" = 0x93a
    || ||| ||| ||| "bInterfaceNumber" = 0x0
    || ||| ||| ||| "bInterfaceClass" = 0x3
    || ||| ||| ||| "bNumEndpoints" = 0x1
    || ||| ||| ||| }
    || ||| ||| ||| }
    || ||| ||| ||| +-o AppleUserUSBHostHIDDevice <class AppleUserHIDDevice, id 0x100000b66, registered, matched,
active, busy 0 (6 ms), retain 15>
    || ||| ||| ||| {
```



```
"=0x1,"Size"=0x8,"Min"=0xffffffff81,"Flags"=0x6,"ReportID"=0x0,"Usage"=0x30,"ReportCount"=0x1,"Unit"=0x0,"HasN
ullState"=No,"ReportSize"=0x8,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0xffffffff81,"IsWrapping"=No
,"ScaledMax"=0x7f,"ElementCookie"=0x8},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=Yes,"UsagePage"=0x1,"Max"=0x7f,"IsArray"=No,"Type$
|| ||| || || | | "Scroll" =
{"Elements"=({"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=Yes,"UsagePage"=0x1,"Max"=0x7f,"IsArray"=No,"Type
"=0x1,"Size"=0x8,"Min"=0xffffffff81,"Flags"=0x6,"ReportID"=0x0,"Usage"=0x38,"ReportCount"=0x1,"Unit"=0x0,"HasN
ullState"=No,"ReportSize"=0x8,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0xffffffff81,"IsWrapping"=No
,"ScaledMax"=0x7f,"ElementCookie"=0xa)}}
|| ||| || || | | "Product" = "USB Optical Mouse"
|| ||| || || | | "Transport" = "USB"
|| ||| || || | | "HIDPointerAccelerationType" = "HIDMouseAcceleration"
|| ||| || || | | "IOServiceDEXTentitlements" = "com.apple.developer.driverkit.family.hid.eventservice"
|| ||| || || | | "Manufacturer" = "PixArt"
|| ||| || || | | "HIDScrollAccelerationType" = "HIDMouseScrollAcceleration"
|| ||| || || | | "IOUserServerCDHash" = "0fd93ac7fc90b777d1629c3fd6155600bcd22a4"
|| ||| || || | | "ProductID" = 0x2510
|| ||| || || | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x2},
{"DeviceUsagePage"=0x1,"DeviceUsage"=0x1})
|| ||| || || | | "IOPersonalityPublisher" = "com.apple.AppleUserHIDDrivers"
|| ||| || || | | "RegisterService" = No
|| ||| || || | | "HIDScrollResolution" = 0x90000
|| ||| || || | | "IOUserServerName" = "com.apple.driverkit.AppleUserHIDDrivers"
|| ||| || || | | "IOPowerManagement" =
{"CapabilityFlags"=0x2,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
|| ||| || || | | "ReportInterval" = 0x0
|| ||| || || | | "HIDPointerButtonCount" = 0x3
|| ||| || || | | "VendorIDSource" = 0x0
|| ||| || || | | "IOMatchedPersonality" =
{"IOClass"="AppleUserHIDEventService","CFBundleIdentifier"="com.apple.AppleUserHIDDrivers","IOProviderClass"="IOHI
DInterface","IOUserServerCDHash"="0fd93ac7fc90b777d1629c3fd6155600bcd22a4","IOProbeScore"=0x1,"IOUserServe
rName"="com.apple.driverkit.AppleUserHIDDrivers","IOMatchDefer"=Yes,"DeviceUsagePairs"=({"DeviceUsagePage"=0x1,"
DeviceUsage"=0x1},{"DeviceUsagePage"=0x1,"DeviceUsage"=0x2},{"DeviceUsagePage"=0x1,"DeviceUsage"=0x5},
{"DeviceUsagePage"=0x1,"DeviceUsage"=0x4},{"Dev$
|| ||| || || | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=({}),"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb00$
|| ||| || || | | "CFBundleIdentifier" = "com.apple.AppleUserHIDDrivers"
|| ||| || || | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/
Contents/Plugins/IOHIDLib.plugin";"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin"}
|| ||| || || | | "IOMatchDefer" = Yes
|| ||| || || | | "IOProviderClass" = "IOHIDInterface"
|| ||| || || | | "IOUserClass" = "AppleUserHIDEventDriver"
|| ||| || || | | "LocationID" = 0x131000
|| ||| || || | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOHIDFamily"
|| ||| || || | | "IOClass" = "AppleUserHIDEventService"
|| ||| || || | | "PrimaryUsage" = 0x2
|| ||| || || | | "CountryCode" = 0x0
|| ||| || || | | "HIDServiceSupport" = Yes
|| ||| || || | | "SensorPropertySupported" = 0x0
|| ||| || || | | "IOMatchCategory" = "IODefaultMatchCategory"
|| ||| || || | | "IOGeneralInterest" = "IOCommand is not serializable"
|| ||| || || | | "IOProbeScore" = 0x4b1
|| ||| || || | | "HIDDKStart" = Yes
|| ||| || || | | }
|| ||| || || | | }
|| ||| || || | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b76, !
registered, !matched, active, busy 0, retain 6>
|| ||| || || | | {
|| ||| || || | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x440,"NotificationForce"=0x0,"NotificationCount"=0xb119,"head"=0x440},"Enq
ueueEventCount"=0xb123,"LastEventType"=0x11,"LastEventTime"=0x3f7921ab}
|| ||| || || | | "IOUserClientCreator" = "pid 420, WindowServer"
|| ||| || || | | "IOUserClientDefaultLocking" = Yes
|| ||| || || | | }
|| ||| || || | | }
|| ||| || || | | +-o Google Chrome <class AppleUSBHostDeviceUserClient, id 0x100000e83, !registered, !matched,
active, busy 0, retain 7>
|| ||| || || | | {
|| ||| || || | | "IOUserClientCreator" = "pid 626, Google Chrome"
|| ||| || || | | "IOUserClientDefaultLocking" = Yes
|| ||| || || | | }
|| ||| || || | | }
|| ||| || || | | +-o AppleUSB20HubPort@00132000 <class AppleUSB20HubPort, id 0x1000007d0, registered, matched,
active, busy 0 (0 ms), retain 12>
|| ||| || || | | {
|| ||| || || | | "port" = <02000000>
|| ||| || || | | "port-status" = 0x0
|| ||| || || | | "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerSta
teTime"={"kPowerStateOff"=0ms (0%),"kPowerStateSleep"=2690397ms (100%),"kPowerStateOn"=0ms
(0%)"},kPowerStateSuspended"=0ms
(0%)"},kPortStatConnectCount"=0x0,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetC
ount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"
=0x0,"kPortStatOverCurrentCount"=$
|| ||| || || | | "kUSBWakePortCurrentLimit" = 0x1f4
|| ||| || || | | "kUSBSleepPortCurrentLimit" = 0x1f4
|| ||| || || | | "kUSBBusCurrentSleepAllocation" = 0x0
|| ||| || || | | "IOGeneralInterest" = "IOCommand is not serializable"
|| ||| || || | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x10004,"MaxPowerState"=0x3,"DriverPowerState"
=0x0}
|| ||| || || | | "kUSBBusCurrentAllocation" = 0x64
|| ||| || || | | "locationID" = 0x132000
|| ||| || || | | }
|| ||| || || | | }
|| ||| || || | | +-o AppleUSB20HubPort@00133000 <class AppleUSB20HubPort, id 0x1000007d1, registered, matched,
active, busy 0 (0 ms), retain 12>
|| ||| || || | | {
|| ||| || || | | "port" = <03000000>
|| ||| || || | | "port-status" = 0x0
|| ||| || || | | "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerSta
teTime"={"kPowerStateOff"=0ms (0%),"kPowerStateSleep"=2689839ms (99%)"},kPowerStateOn"=255ms
```

```
(0%);"kPowerStateSuspended"=0ms
(0%);"kPortStatConnectCount"=0x1,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetCount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"=0x1,"kPortStatOverCurrentCount"=$
  || ||| ||| "kUSBWakePortCurrentLimit" = 0x1f4
  || ||| ||| "kUSBSleepPortCurrentLimit" = 0x1f4
  || ||| ||| "kUSBBusCurrentSleepAllocation" = 0x0
  || ||| ||| "IOGeneralInterest" = "IOCommand is not serializable"
  || ||| ||| "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x10004,"MaxPowerState"=0x3,"DriverPowerState"=0x0}
  || ||| ||| "kUSBBusCurrentAllocation" = 0x64
  || ||| ||| "locationID" = 0x133000
  || ||| ||| }
  || ||| ||| }
  || ||| ||| +-o AppleUSB20HubPort@00134000 <class AppleUSB20HubPort, id 0x1000007d2, registered, matched, active, busy 0 (0 ms), retain 12>
  || ||| ||| {
  || ||| ||| "port" = <04000000>
  || ||| ||| "port-status" = 0x0
  || ||| ||| "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerStateTime"={"kPowerStateOff"=0ms (0%),"kPowerStateSleep"=2690196ms (100%),"kPowerStateOn"=0ms (0%),"kPowerStateSuspended"=0ms (0%)}, "kPortStatConnectCount"=0x0,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetCount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"=0x0,"kPortStatOverCurrentCount"=$
  || ||| ||| "kUSBWakePortCurrentLimit" = 0x1f4
  || ||| ||| "kUSBSleepPortCurrentLimit" = 0x1f4
  || ||| ||| "kUSBBusCurrentSleepAllocation" = 0x0
  || ||| ||| "IOGeneralInterest" = "IOCommand is not serializable"
  || ||| ||| "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x10004,"MaxPowerState"=0x3,"DriverPowerState"=0x0}
  || ||| ||| "kUSBBusCurrentAllocation" = 0x64
  || ||| ||| "locationID" = 0x134000
  || ||| ||| }
  || ||| ||| }
  || ||| ||| +-o IOUSBHostInterface@0 <class IOUSBHostInterface, id 0x1000007ce, !registered, !matched, active, busy 0 (0 ms), retain 8>
  || ||| ||| {
  || ||| ||| "USBPortType" = 0x1
  || ||| ||| "IOCFPluginTypes" = {"2d9786c6-9ef3-11d4-ad51-000a27052861"="IOUSBHostFamily.kext/Contents/Plugins/IOUSLib.bundle"}
  || ||| ||| "USB Vendor Name" = "VIA Labs, Inc."
  || ||| ||| "bcdDevice" = 0x9054
  || ||| ||| "USBSpeed" = 0x3
  || ||| ||| "idProduct" = 0x2817
  || ||| ||| "IOServiceDXTentitlements" = ({"com.apple.developer.driverkit.transport.usb"})
  || ||| ||| "bInterfaceSubClass" = 0x0
  || ||| ||| "bConfigurationValue" = 0x1
  || ||| ||| "locationID" = 0x130000
  || ||| ||| "USB Product Name" = "USB2.0 Hub"
  || ||| ||| "bInterfaceProtocol" = 0x2
  || ||| ||| "iinterface" = 0x0
  || ||| ||| "bAlternateSetting" = 0x1
  || ||| ||| "idVendor" = 0x2109
  || ||| ||| "bInterfaceNumber" = 0x0
  || ||| ||| "bInterfaceClass" = 0x9
  || ||| ||| "bNumEndpoints" = 0x1
  || ||| ||| }
  || ||| ||| }
  || ||| ||| +-o Google Chrome <class AppleUSBHostDeviceUserClient, id 0x100000e7e, !registered, !matched, active, busy 0, retain 6>
  || ||| ||| {
  || ||| ||| "IOUserClientCreator" = "pid 626, Google Chrome"
  || ||| ||| "IOUserClientDefaultLocking" = Yes
  || ||| ||| }
  || ||| ||| }
  || ||| ||| +-o AppleUSB20HubPort@00140000 <class AppleUSB20HubPort, id 0x10000076a, registered, matched, active, busy 0 (0 ms), retain 12>
  || ||| ||| {
  || ||| ||| "port" = <04000000>
  || ||| ||| "port-status" = 0x1
  || ||| ||| "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerStateTime"={"kPowerStateOff"=0ms (0%),"kPowerStateSleep"=2690889ms (100%),"kPowerStateOn"=0ms (0%),"kPowerStateSuspended"=0ms (0%)}, "kPortStatConnectCount"=0x0,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetCount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"=0x0,"kPortStatOverCurrentCount"=0x0,"k$
  || ||| ||| "kUSBWakePortCurrentLimit" = 0x1f4
  || ||| ||| "kUSBSleepPortCurrentLimit" = 0x1f4
  || ||| ||| "kUSBBusCurrentSleepAllocation" = 0x0
  || ||| ||| "IOGeneralInterest" = "IOCommand is not serializable"
  || ||| ||| "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x10004,"MaxPowerState"=0x3,"DriverPowerState"=0x0}
  || ||| ||| "kUSBBusCurrentAllocation" = 0x64
  || ||| ||| "locationID" = 0x140000
  || ||| ||| }
  || ||| ||| }
  || ||| ||| +-o AppleUSB20HubPort@00110000 <class AppleUSB20HubPort, id 0x10000076b, registered, matched, active, busy 0 (10 ms), retain 16>
  || ||| ||| {
  || ||| ||| "port" = <01000000>
  || ||| ||| "port-status" = 0x1100
  || ||| ||| "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerStateTime"={"kPowerStateOff"=0ms (0%),"kPowerStateSleep"=0ms (0%),"kPowerStateOn"=2690991ms (100%),"kPowerStateSuspended"=0ms (0%)}, "kPortStatConnectCount"=0x1,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetCount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"=0x0,"kPortStatOverCurrentCount"=0x0,"k$
  || ||| ||| "kUSBWakePortCurrentLimit" = 0x1f4
  || ||| ||| "kUSBSleepPortCurrentLimit" = 0x1f4
  || ||| ||| "kUSBBusCurrentSleepAllocation" = 0x0
  || ||| ||| "IOGeneralInterest" = "IOCommand is not serializable"
  || ||| ||| }
```

```
    || ||| ||| "IOPowerManagement" =
{"ChildrenPowerState"=0x3,"DevicePowerState"=0x1,"CurrentPowerState"=0x3,"CapabilityFlags"=0x8000,"MaxPowerState"=0x3,"DriverPowerState"=0x0}
    || ||| ||| "kUSBBusCurrentAllocation" = 0x64
    || ||| ||| "locationID" = 0x110000
    || ||| ||| }
    || ||| |||
    || ||| ||| +-o Printer@00110000 <class IOUSBHostDevice, id 0x1000007d7, registered, matched, active, busy 0 (9
ms), retain 26>
    || ||| ||| {
    || ||| ||| "sessionID" = 0xa09258d
    || ||| ||| "USBSpeed" = 0x1
    || ||| ||| "idProduct" = 0x588
    || ||| ||| "iManufacturer" = 0x1
    || ||| ||| "bDeviceClass" = 0x0
    || ||| ||| "IOPowerManagement" =
{"PowerOverrideOn"=Yes,"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"DriverPowerState"=0x0}
    || ||| ||| "bcdDevice" = 0x200
    || ||| ||| "bMaxPacketSize0" = 0x40
    || ||| ||| "iProduct" = 0x2
    || ||| ||| "iSerialNumber" = 0x3
    || ||| ||| "bNumConfigurations" = 0x1
    || ||| ||| "USB Product Name" = "Printer"
    || ||| ||| "USB Address" = 0x6
    || ||| ||| "locationID" = 0x110000
    || ||| ||| "bDeviceSubClass" = 0x0
    || ||| ||| "bcdUSB" = 0x200
    || ||| ||| "kUSBSerialNumberString" = "588U3922690"
    || ||| ||| "kUSBCurrentConfiguration" = 0x1
    || ||| ||| "IOCFPlugInTypes" = {"9dc7b780-9ec0-11d4-a54f-000a27052861"="IOUSBHostFamily.kext/Contents/
Plugins/IOUSBLib.bundle"}
    || ||| ||| "bDeviceProtocol" = 0x0
    || ||| ||| "USBPortType" = 0x0
    || ||| ||| "IOServiceDXTentitlements" = (("com.apple.developer.driverkit.transport.usb"))
    || ||| ||| "USB Vendor Name" = "Printer"
    || ||| ||| "Device Speed" = 0x1
    || ||| ||| "idVendor" = 0x9c5
    || ||| ||| "kUSBProductString" = "Printer"
    || ||| ||| "USB Serial Number" = "588U3922690"
    || ||| ||| "IOGeneralInterest" = "IOCommand is not serializable"
    || ||| ||| "kUSBAddress" = 0x6
    || ||| ||| "kUSBVendorString" = "Printer"
    || ||| ||| }
    || ||| |||
    || ||| ||| +-o AppleUSBHostCompositeDevice <class AppleUSBHostCompositeDevice, id 0x1000007db, !registered, !
matched, active, busy 0, retain 4>
    || ||| ||| {
    || ||| ||| "IOClass" = "AppleUSBHostCompositeDevice"
    || ||| ||| "CFBundleIdentifier" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
    || ||| ||| "IOProviderClass" = "IOUSBHostDevice"
    || ||| ||| "kUSBPreferredConfiguration" = 0x1
    || ||| ||| "IOProbeScore" = 0xc350
    || ||| ||| "IOMatchedAtBoot" = Yes
    || ||| ||| "IOMatchCategory" = "IODefaultMatchCategory"
    || ||| ||| "bDeviceSubClass" = 0x0
    || ||| ||| "IOPersonalityPublisher" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
    || ||| ||| "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
    || ||| ||| "IOPrimaryDriverTerminateOptions" = Yes
    || ||| ||| "bDeviceClass" = 0x0
    || ||| ||| }
    || ||| |||
    || ||| ||| +-o IOUSBHostInterface@0 <class IOUSBHostInterface, id 0x1000007dc, registered, matched, active, busy
0 (4 ms), retain 13>
    || ||| ||| {
    || ||| ||| "USBPortType" = 0x0
    || ||| ||| "IOCFPlugInTypes" = {"2d9786c6-9ef3-11d4-ad51-000a27052861"="IOUSBHostFamily.kext/Contents/
Plugins/IOUSBLib.bundle"}
    || ||| ||| "USB Vendor Name" = "Printer"
    || ||| ||| "USB Serial Number" = "588U3922690"
    || ||| ||| "bcdDevice" = 0x200
    || ||| ||| "USBSpeed" = 0x1
    || ||| ||| "idProduct" = 0x588
    || ||| ||| "IOServiceDXTentitlements" = (("com.apple.developer.driverkit.transport.usb"))
    || ||| ||| "bInterfaceSubClass" = 0x1
    || ||| ||| "bConfigurationValue" = 0x1
    || ||| ||| "locationID" = 0x110000
    || ||| ||| "USB Product Name" = "Printer"
    || ||| ||| "bInterfaceProtocol" = 0x2
    || ||| ||| "iInterface" = 0x0
    || ||| ||| "bAlternateSetting" = 0x0
    || ||| ||| "idVendor" = 0x9c5
    || ||| ||| "bInterfaceNumber" = 0x0
    || ||| ||| "bInterfaceClass" = 0x7
    || ||| ||| "bNumEndpoints" = 0x2
    || ||| ||| }
    || ||| |||
    || ||| ||| +-o Google Chrome <class AppleUSBHostDeviceUserClient, id 0x100000e7f, !registered, !matched, active,
busy 0, retain 7>
    || ||| ||| {
    || ||| ||| "IOUserClientCreator" = "pid 626, Google Chrome"
    || ||| ||| "IOUserClientDefaultLocking" = Yes
    || ||| ||| }
    || ||| |||
    || ||| ||| +-o AppleUSB20HubPort@00120000 <class AppleUSB20HubPort, id 0x10000076c, registered, matched,
active, busy 0 (118 ms), retain 17>
    || ||| ||| {
    || ||| ||| "port" = <02000000>
    || ||| ||| "port-status" = 0x1300
    || ||| ||| "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerStateTime"={"kPowerStateOff"="0ms (0%)","kPowerStateSleep"="0ms (0%)","kPowerStateOn"="2690789ms (100%)","kPowerStateSuspended"="0ms (0%)","kPortStatConnectCount"=0x1,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetCount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"=0x0,"kPortStatOverCurrentCount"=0x0,"k$
    || ||| ||| "kUSBWakePortCurrentLimit" = 0x1f4
    || ||| ||| "kUSBSleepPortCurrentLimit" = 0x1f4
```

```
    || ||| ||| "kUSBBusCurrentSleepAllocation" = 0x0
    || ||| ||| "IOGeneralInterest" = "IOCommand is not serializable"
    || ||| ||| "IOPowerManagement" =
{"ChildrenPowerState"=0x3,"DevicePowerState"=0x1,"CurrentPowerState"=0x3,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x3,"DriverPowerState"=0x0}
    || ||| ||| "kUSBBusCurrentAllocation" = 0xc8
    || ||| ||| "locationID" = 0x120000
    || ||| ||| }
    || ||| ||| }
    || ||| ||| +-o Mass Storage@00120000 <class IOUSBHostDevice, id 0x1000007de, registered, matched, active, busy
0 (118 ms), retain 28>
    || ||| ||| {
    || ||| ||| "sessionID" = 0xa52a7f6
    || ||| ||| "USBSpeed" = 0x3
    || ||| ||| "idProduct" = 0x6387
    || ||| ||| "iManufacturer" = 0x1
    || ||| ||| "bDeviceClass" = 0x0
    || ||| ||| "IOPowerManagement" =
{"PowerOverrideOn"=Yes,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"DevicePowerState"=0x2,"DriverPowerState"=
0x0,"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2}
    || ||| ||| "bcdDevice" = 0x101
    || ||| ||| "bMaxPacketSize0" = 0x40
    || ||| ||| "iProduct" = 0x2
    || ||| ||| "iSerialNumber" = 0x3
    || ||| ||| "bNumConfigurations" = 0x1
    || ||| ||| "USB Product Name" = "Mass Storage"
    || ||| ||| "USB Address" = 0x7
    || ||| ||| "locationID" = 0x120000
    || ||| ||| "bDeviceSubClass" = 0x0
    || ||| ||| "bcdUSB" = 0x200
    || ||| ||| "kUSBSerialNumberString" = "9003449B"
    || ||| ||| "kUSBCurrentConfiguration" = 0x1
    || ||| ||| "IOCFPluginTypes" = {"9dc7b780-9ec0-11d4-a54f-000a27052861"}="IOUSBHostFamily.kext/Contents/
Plugins/IOUSLib.bundle"}
    || ||| ||| "bDeviceProtocol" = 0x0
    || ||| ||| "USBPortType" = 0x0
    || ||| ||| "IOServiceDXTEntitlements" = ("com.apple.developer.driverkit.transport.usb")
    || ||| ||| "USB Vendor Name" = "Generic"
    || ||| ||| "Device Speed" = 0x2
    || ||| ||| "idVendor" = 0x58f
    || ||| ||| "kUSBProductString" = "Mass Storage"
    || ||| ||| "USB Serial Number" = "9003449B"
    || ||| ||| "IOGeneralInterest" = "IOCommand is not serializable"
    || ||| ||| "kUSBAddress" = 0x7
    || ||| ||| "kUSBVendorString" = "Generic"
    || ||| ||| }
    || ||| ||| }
    || ||| ||| +-o AppleUSBHostCompositeDevice <class AppleUSBHostCompositeDevice, id 0x1000007e2, !registered, !
matched, active, busy 0, retain 4>
    || ||| ||| {
    || ||| ||| "IOClass" = "AppleUSBHostCompositeDevice"
    || ||| ||| "CFBundleIdentifier" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
    || ||| ||| "IOProviderClass" = "IOUSBHostDevice"
    || ||| ||| "kUSBPreferredConfiguration" = 0x1
    || ||| ||| "IOProbeScore" = 0xc350
    || ||| ||| "IOMatchedAtBoot" = Yes
    || ||| ||| "IOMatchCategory" = "IODefaultMatchCategory"
    || ||| ||| "bDeviceSubClass" = 0x0
    || ||| ||| "IOPersonalityPublisher" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
    || ||| ||| "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
    || ||| ||| "IOPrimaryDriverTerminateOptions" = Yes
    || ||| ||| "bDeviceClass" = 0x0
    || ||| ||| }
    || ||| ||| }
    || ||| ||| +-o IOUSBHostInterface@0 <class IOUSBHostInterface, id 0x1000007e3, registered, matched, active, busy
0 (116 ms), retain 11>
    || ||| ||| {
    || ||| ||| "USBPortType" = 0x0
    || ||| ||| "IOCFPluginTypes" = {"2d9786c6-9ef3-11d4-ad51-000a27052861"}="IOUSBHostFamily.kext/Contents/
Plugins/IOUSLib.bundle"}
    || ||| ||| "USB Vendor Name" = "Generic"
    || ||| ||| "USB Serial Number" = "9003449B"
    || ||| ||| "bcdDevice" = 0x101
    || ||| ||| "USBSpeed" = 0x3
    || ||| ||| "idProduct" = 0x6387
    || ||| ||| "IOServiceDXTEntitlements" = ("com.apple.developer.driverkit.transport.usb")
    || ||| ||| "bInterfaceSubClass" = 0x6
    || ||| ||| "bConfigurationValue" = 0x1
    || ||| ||| "locationID" = 0x120000
    || ||| ||| "USB Product Name" = "Mass Storage"
    || ||| ||| "bInterfaceProtocol" = 0x50
    || ||| ||| "iInterface" = 0x0
    || ||| ||| "bAlternateSetting" = 0x0
    || ||| ||| "idVendor" = 0x58f
    || ||| ||| "bInterfaceNumber" = 0x0
    || ||| ||| "bInterfaceClass" = 0x8
    || ||| ||| "bNumEndpoints" = 0x2
    || ||| ||| }
    || ||| ||| }
    || ||| ||| +-o IOUSBMassStorageInterfaceNub <class IOUSBMassStorageInterfaceNub, id 0x1000007e4, registered,
matched, active, busy 0 (113 ms), retain 10>
    || ||| ||| {
    || ||| ||| "IOClass" = "IOUSBMassStorageInterfaceNub"
    || ||| ||| "IOPersonalityPublisher" = "com.apple.iokit.IOUSBMassStorageDriver"
    || ||| ||| "IOMatchedAtBoot" = Yes
    || ||| ||| "idProduct" = 0x6387
    || ||| ||| "bcdDevice" = 0x101
    || ||| ||| "IOProviderClass" = "IOUSBHostInterface"
    || ||| ||| "Physical Interconnect Location" = "External"
    || ||| ||| "bInterfaceProtocol" = 0x50
    || ||| ||| "bNumConfigurations" = 0x1
    || ||| ||| "USB Product Name" = "Mass Storage"
    || ||| ||| "IOProbeScore" = 0xc350
    || ||| ||| "USB Device Info" =
{"bcdDevice"=0x101,"idProduct"=0x6387,"bInterfaceSubClass"=0x6,"locationID"=0x120000,"bConfigurationValue"=0x1,"k
USBVendorString"="Generic","kUSBSerialNumberString"="9003449B","USB Product Name"="Mass
Storage","kUSBProductString"="Mass
Storage","idVendor"=0x58f,"bInterfaceProtocol"=0x50,"bInterfaceNumber"=0x0,"bInterfaceClass"=0x8,"bNumConfigurati
```

```
ons=0x1}
  || ||| || | | "locationID" = 0x120000
  || ||| || | | "kUSBSerialNumberString" = "9003449B"
  || ||| || | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"DriverPowerState"=
0x1}
  || ||| || | | "bInterfaceClass" = 0x8
  || ||| || | | "bInterfaceSubClass" = 0x6
  || ||| || | | "Physical Interconnect" = "USB"
  || ||| || | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBMassStorageDriver"
  || ||| || | | "bConfigurationValue" = 0x1
  || ||| || | | "IOMatchCategory" = "IODefaultMatchCategory"
  || ||| || | | "CFBundleIdentifier" = "com.apple.iokit.IOUSBMassStorageDriver"
  || ||| || | | "bInterfaceNumber" = 0x0
  || ||| || | | "idVendor" = 0x58f
  || ||| || | | "USB Mass Storage Trace ID" = 0x58f638700120000
  || ||| || | | "kUSBProductString" = "Mass Storage"
  || ||| || | | "kUSBVendorString" = "Generic"
  || ||| || | | }
  || ||| || | | }
  || ||| || | | +-o IOUSBMassStorageDriverNub <class IOUSBMassStorageDriverNub, id 0x1000007e6, registered,
matched, active, busy 0 (113 ms), retain 13>
  || ||| || | | |{
  || ||| || | | | "IOClass" = "IOUSBMassStorageDriverNub"
  || ||| || | | | "Number Of InterfaceNubs" = 0x1
  || ||| || | | | "IOPersonalityPublisher" = "com.apple.iokit.IOUSBMassStorageDriver"
  || ||| || | | | "IOMatchedAtBoot" = Yes
  || ||| || | | | "idProduct" = 0x6387
  || ||| || | | | "bInterfaceProtocol" = 0x50
  || ||| || | | | "IOProviderClass" = "IOUSBMassStorageInterfaceNub"
  || ||| || | | | "USB Device Info" =
{"bcdDevice"=0x101,"idProduct"=0x6387,"bInterfaceSubClass"=0x6,"locationID"=0x120000,"bConfigurationValue"=0x1,"k
USBVendorString"="Generic","kUSBSerialNumberString"="9003449B","USB Product Name"="Mass
Storage","kUSBProductString"="Mass
Storage","idVendor"=0x58f,"bInterfaceProtocol"=0x50,"bInterfaceNumber"=0x0,"bInterfaceClass"=0x8,"bNumConfigurati
ons"=0x1}
  || ||| || | | | "USB Product Name" = "Mass Storage"
  || ||| || | | | "Physical Interconnect Location" = "External"
  || ||| || | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState
"=0x1,"DriverPowerState"=0x1}
  || ||| || | | | "IOProbeScore" = 0x0
  || ||| || | | | "bInterfaceClass" = 0x8
  || ||| || | | | "bInterfaceSubClass" = 0x6
  || ||| || | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBMassStorageDriver"
  || ||| || | | | "Physical Interconnect" = "USB"
  || ||| || | | | "bConfigurationValue" = 0x1
  || ||| || | | | "IOMatchCategory" = "IODefaultMatchCategory"
  || ||| || | | | "CFBundleIdentifier" = "com.apple.iokit.IOUSBMassStorageDriver"
  || ||| || | | | "USB Mass Storage Trace ID" = 0x58f638700120000
  || ||| || | | | "idVendor" = 0x58f
  || ||| || | | | "bInterfaceNumber" = 0x0
  || ||| || | | | "kUSBVendorString" = "Generic"
  || ||| || | | | }
  || ||| || | | | }
  || ||| || | | +-o IOUSBMassStorageDriver <class IOUSBMassStorageDriver, id 0x1000007e8, !registered, !matched,
active, busy 0 (112 ms), retain 9>
  || ||| || | | |{
  || ||| || | | | "IOClass" = "IOUSBMassStorageDriver"
  || ||| || | | | "CFBundleIdentifier" = "com.apple.iokit.IOUSBMassStorageDriver"
  || ||| || | | | "IOProviderClass" = "IOUSBMassStorageDriverNub"
  || ||| || | | | "Write Time Out Duration" = 0x7530
  || ||| || | | | "USB Mass Storage Trace ID" = 0x58f638700120000
  || ||| || | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState
"=0x1,"DriverPowerState"=0x1}
  || ||| || | | | "Read Time Out Duration" = 0x7530
  || ||| || | | | "IOProbeScore" = 0x0
  || ||| || | | | "IOMatchedAtBoot" = Yes
  || ||| || | | | "IOMatchCategory" = "IODefaultMatchCategory"
  || ||| || | | | "Retry Count" = 0x14
  || ||| || | | | "IOUnit" = 0x7
  || ||| || | | | "Protocol Characteristics" = {"Physical Interconnect"="USB","Read Time Out
Duration"=0x7530,"Physical Interconnect Location"="External","Write Time Out Duration"=0x7530,"Retry Count"=0x14}
  || ||| || | | | "IOPersonalityPublisher" = "com.apple.iokit.IOUSBMassStorageDriver"
  || ||| || | | | "bInterfaceProtocol" = 0x50
  || ||| || | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBMassStorageDriver"
  || ||| || | | | "Physical Interconnect Location" = "External"
  || ||| || | | | "No INQUIRY VPD Pages" = Yes
  || ||| || | | | }
  || ||| || | | | }
  || ||| || | | +-o IOSCSILogicalUnitNub@0 <class IOSCSILogicalUnitNub, id 0x1000007ea, registered, matched,
active, busy 0 (9 ms), retain 8>
  || ||| || | | |{
  || ||| || | | | "TPGS Information" = 0x0
  || ||| || | | | "Peripheral Device Type" = 0x0
  || ||| || | | | "Vendor Identification" = "Generic"
  || ||| || | | | "SCSI Logical Unit Number" = 0x0
  || ||| || | | | "IOMatchCategory" = "SCSITaskUserClientInitier"
  || ||| || | | | "Product Identification" = "Flash Disk"
  || ||| || | | | "Protocol Characteristics" = {"Physical Interconnect"="USB","Read Time Out
Duration"=0x7530,"SCSI Logical Unit Number"=0x0,"Physical Interconnect Location"="External","Write Time Out
Duration"=0x7530,"Retry Count"=0x14}
  || ||| || | | | "IOUnitLUN" = 0x0
  || ||| || | | | "Product Revision Level" = "8.07"
  || ||| || | | | }
  || ||| || | | | }
  || ||| || | | +-o IOSCSIPeripheralDeviceType00 <class IOSCSIPeripheralDeviceType00, id 0x1000007f1, !
registered, !matched, active, busy 0 (6 ms), retain 9>
  || ||| || | | |{
  || ||| || | | | "IOClass" = "IOSCSIPeripheralDeviceType00"
  || ||| || | | | "CFBundleIdentifier" = "com.apple.iokit.IOSCSIBlockCommandsDevice"
  || ||| || | | | "IOProviderClass" = "IOSCSIPeripheralDeviceNub"
  || ||| || | | | "IOMaximumBlockCountRead" = 0x100
  || ||| || | | | "IOPowerManagement" =
{"CapabilityFlags"=0xc040,"MaxPowerState"=0x4,"ActivityTickles"=0x640,"DevicePowerState"=0x4,"IdleTimerPeriod"=0x
2bf20,"TimeSinceLastTickle"=0x2de4,"DriverPowerState"=0x1,"IdleTimerElapsedTime"=0x182a7,"CurrentPowerState"=0x4
}
```



```

|| ||| || | | "IOMaximumBlockCountWrite" = 0x100
|| ||| || | | "IOProbeScore" = 0x1388
|| ||| || | | "Peripheral Device Type" = 0x0
|| ||| || | | "IOMatchedAtBoot" = Yes
|| ||| || | | "IOMatchCategory" = "IODefaultMatchCategory"
|| ||| || | | "IOMaximumByteCountWrite" = 0x20000
|| ||| || | | "IOPersonalityPublisher" = "com.apple.iokit.IOCSIBlockCommandsDevice"
|| ||| || | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOCSIBlockCommandsDevice"
|| ||| || | | "WriteCacheState" = No
|| ||| || | | "IOMaximumByteCountRead" = 0x20000
|| ||| || | | "IOPrimaryDriverTerminateOptions" = Yes
|| ||| || | | }
|| ||| || | | }
|| ||| || | | +-o IOBlockStorageServices <class IOBlockStorageServices, id 0x1000007f4, registered, matched,
active, busy 0 (6 ms), retain 6>
|| ||| || | | {
|| ||| || | | | "IOMinimumSegmentAlignmentByteCount" = 0x4
|| ||| || | | | "device-type" = "Generic"
|| ||| || | | | "Protocol Characteristics" = {"Physical Interconnect"="USB","Read Time Out
Duration"=0x7530,"SCSI Logical Unit Number"=0x0,"Physical Interconnect Location"="External","Write Time Out
Duration"=0x7530,"Retry Count"=0x14}
|| ||| || | | | "Device Characteristics" = {"Vendor Name"="Generic","Product Name"="Flash Disk","Product
Revision Level"="8.07"}
|| ||| || | | | }
|| ||| || | | | }
|| ||| || | | +-o IOBlockStorageDriver <class IOBlockStorageDriver, id 0x1000007f5, registered, matched,
active, busy 0 (6 ms), retain 8>
|| ||| || | | {
|| ||| || | | | "IOPropertyMatch" = {"device-type"="Generic"}
|| ||| || | | | "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| ||| || | | | "IOProviderClass" = "IOBlockStorageDevice"
|| ||| || | | | "IOClass" = "IOBlockStorageDriver"
|| ||| || | | | "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| ||| || | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| ||| || | | | "IOProbeScore" = 0x0
|| ||| || | | | "IOMatchedAtBoot" = Yes
|| ||| || | | | "Statistics" = {"Operations (Write)"=0x683,"Latency Time (Write)"=0x0,"Bytes
(Read)"=0x27a8a00,"Errors (Write)"=0x0,"Total Time (Read)"=0x572ceaa88,"Latency Time (Read)"=0x0,"Retries
(Read)"=0x0,"Errors (Read)"=0x0,"Total Time (Write)"=0x36a45235d9,"Bytes (Write)"=0x3c88000,"Operations
(Read)"=0x2de,"Retries (Write)"=0x0}
|| ||| || | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| ||| || | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| ||| || | | | }
|| ||| || | | | }
|| ||| || | | +-o Generic Flash Disk Media <class IOMedia, id 0x100000831, registered, matched, active, busy
0 (6 ms), retain 12>
|| ||| || | | {
|| ||| || | | | "Content" = "FDisk_partition_scheme"
|| ||| || | | | "Removable" = Yes
|| ||| || | | | "Whole" = Yes
|| ||| || | | | "Leaf" = No
|| ||| || | | | "BSD Name" = "disk6"
|| ||| || | | | "Ejectable" = Yes
|| ||| || | | | "Preferred Block Size" = 0x200
|| ||| || | | | "IOMediaIcon" =
{"IOBundleResourceFile"="Removable.icns","CFBundleIdentifier"="com.apple.iokit.IOStorageFamily"}
|| ||| || | | | "BSD Minor" = 0x18
|| ||| || | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| ||| || | | | "Writable" = Yes
|| ||| || | | | "BSD Major" = 0x1
|| ||| || | | | "Size" = 0x3c000000
|| ||| || | | | "IOBusyInterest" = "IOCommand is not serializable"
|| ||| || | | | "Open" = Yes
|| ||| || | | | "Content Hint" = ""
|| ||| || | | | "BSD Unit" = 0x6
|| ||| || | | | }
|| ||| || | | | }
|| ||| || | | +-o IOMediaBSDClient <class IOMediaBSDClient, id 0x100000832, registered, matched, active,
busy 0 (0 ms), retain 6>
|| ||| || | | {
|| ||| || | | | "IOProbeScore" = 0x7530
|| ||| || | | | "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| ||| || | | | "IOMatchCategory" = "IOMediaBSDClient"
|| ||| || | | | "IOClass" = "IOMediaBSDClient"
|| ||| || | | | "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| ||| || | | | "IOProviderClass" = "IOMedia"
|| ||| || | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| ||| || | | | "IOMatchedAtBoot" = Yes
|| ||| || | | | "IOResourceMatch" = "IOBSD"
|| ||| || | | | }
|| ||| || | | | }
|| ||| || | | +-o IOFDiskPartitionScheme <class IOFDiskPartitionScheme, id 0x100000835, !registered, !
matched, active, busy 0 (0 ms), retain 6>
|| ||| || | | {
|| ||| || | | | "IOProbeScore" = 0xbb8
|| ||| || | | | "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
|| ||| || | | | "IOMatchCategory" = "IOStorage"
|| ||| || | | | "IOClass" = "IOFDiskPartitionScheme"
|| ||| || | | | "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
|| ||| || | | | "IOPropertyMatch" = {"Whole"=Yes}
|| ||| || | | | "IOProviderClass" = "IOMedia"
|| ||| || | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
|| ||| || | | | "Content Mask" = "FDisk_partition_scheme"
|| ||| || | | | "IOMatchedAtBoot" = Yes
|| ||| || | | | "Content Table" =
{"0xA9"="NetBSD","0x82"="Linux_Swap","0x01"="DOS_FAT_12","0xA7"="Apple_Rhapsody_UFS","0x0B"="DOS_FAT_32","
0x06"="DOS_FAT_16","0xA5"="FreeBSD","0xFD"="Linux_RAID","0x04"="DOS_FAT_16_S","0xAF"="Apple_HFS","0x0E"="W
indows_FAT_16","0x83"="Linux","0xA8"="Apple_UFS","0x0C"="Windows_FAT_32","0x07"="Windows_NTFS","0xAB"="Appl
e_Boot","0xA6"="OpenBSD","0x16"="DOS_FAT_16_Hidden","0x42"="Windows_LDM","0x8E"="Linux_LVM","0x14"="DOS_
FAT_16_S_Hidden","0xAE"="Apple_Encrypted"}
|| ||| || | | | }
|| ||| || | | | }
|| ||| || | | +-o Untitled 1@1 <class IOMedia, id 0x100000838, registered, matched, active, busy 0 (0 ms),
retain 11>
|| ||| || | | {
|| ||| || | | | "Content" = "DOS_FAT_16"
|| ||| || | | | "Removable" = Yes
|| ||| || | | | "Whole" = No

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    | "Leaf" = Yes
    | "BSD Name" = "disk6s1"
    | "Ejectable" = Yes
    | "Preferred Block Size" = 0x200
    | "Base" = 0xb7000
    | "BSD Minor" = 0x19
    | "IOGeneralInterest" = "IOCommand is not serializable"
    | "Writable" = Yes
    | "Partition ID" = 0x1
    | "BSD Major" = 0x1
    | "Size" = 0x3bf49000
    | "IOBusyInterest" = "IOCommand is not serializable"
    | "Open" = Yes
    | "Content Hint" = "DOS_FAT_16"
    | "BSD Unit" = 0x6
    | }
    | }
++o IOMediaBSDClient <class IOMediaBSDClient, id 0x100000839, registered, matched,
active, busy 0 (0 ms), retain 7>
    | {
    |     "IOProbeScore" = 0x7530
    |     "CFBundleIdentifier" = "com.apple.iokit.IOSTorageFamily"
    |     "IOMatchCategory" = "IOMediaBSDClient"
    |     "IOClass" = "IOMediaBSDClient"
    |     "IOPersonalityPublisher" = "com.apple.iokit.IOSTorageFamily"
    |     "IOProviderClass" = "IOMedia"
    |     "CFBundleIdentifierKernel" = "com.apple.iokit.IOSTorageFamily"
    |     "IOMatchedAtBoot" = Yes
    |     "IOResourceMatch" = "IOBSD"
    | }
++o Google Chrome <class AppleUSBHostDeviceUserClient, id 0x100000e80, !registered, !matched, active,
busy 0, retain 7>
    | {
    |     "IOUserClientCreator" = "pid 626, Google Chrome"
    |     "IOUserClientDefaultLocking" = Yes
    | }
++o AppleUSB20HubPort@00150000 <class AppleUSB20HubPort, id 0x10000076d, registered, matched,
active, busy 0 (19 ms), retain 16>
    | {
    |     "port" = <05000000>
    |     "port-status" = 0x1300
    |     "port-statistics" =
    |     {{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerStat
teTime"={"kPowerStateOff"=0ms (0%);"kPowerStateSleep"=4222ms (0%);"kPowerStateOn"="2686498ms
(99%);"kPowerStateSuspended"=0ms (0%)};"kPortStatConnectCount"=0x1,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetCo
unt"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"=
0x0,"kPortStatOverCurrentCount"=0x0,$
    |     "kUSBWakePortCurrentLimit" = 0x1f4
    |     "kUSBSleepPortCurrentLimit" = 0x1f4
    |     "kUSBBusCurrentSleepAllocation" = 0x0
    |     "IOGeneralInterest" = "IOCommand is not serializable"
    |     "IOPowerManagement" =
    |     {{"ChildrenPowerState"=0x3,"DevicePowerState"=0x1,"CurrentPowerState"=0x3,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x3,"DriverPowerState"=0x0}
    |     "kUSBBusCurrentAllocation" = 0x64
    |     "locationID" = 0x150000
    |     }
    | }
++o USB Billboard Device @00150000 <class IOUSBHostDevice, id 0x1000007eb, registered, matched,
active, busy 0 (19 ms), retain 24>
    | {
    |     "sessionId" = 0xa5f516c
    |     "USBSpeed" = 0x3
    |     "idProduct" = 0x8888
    |     "iManufacturer" = 0x1
    |     "bDeviceClass" = 0x11
    |     "IOPowerManagement" =
    |     {{"PowerOverrideOn"=Yes,"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"
=0x2,"DriverPowerState"=0x0}
    |     "bcdDevice" = 0x1
    |     "bMaxPacketSize0" = 0x40
    |     "iProduct" = 0x2
    |     "iSerialNumber" = 0x3
    |     "bNumConfigurations" = 0x1
    |     "kUSBContainerID" = "00000000-0000-0000-0000-000000000000"
    |     "USB Product Name" = "USB Billboard Device "
    |     "locationID" = 0x150000
    |     "bDeviceSubClass" = 0x0
    |     "bcdUSB" = 0x201
    |     "kUSBSerialNumberString" = "0000000000000001"
    |     "USB Address" = 0x8
    |     "IOCFPlugInTypes" = {"9dc7b780-9ec0-11d4-a54f-000a27052861"="IOUSBHostFamily.kext/Contents/
Plugins/IOUSBLib.bundle"}
    |     "kUSBHubPortSequenceDelay" = 0x64
    |     "bDeviceProtocol" = 0x0
    |     "USBPortType" = 0x0
    |     "IOServiceDExTEntitlements" = {"com.apple.developer.driverkit.transport.usb"}
    |     "kUSBCurrentConfiguration" = 0x1
    |     "USB Vendor Name" = "VIA Labs, Inc. "
    |     "Device Speed" = 0x2
    |     "idVendor" = 0x2109
    |     "kUSBProductString" = "USB Billboard Device "
    |     "USB Serial Number" = "0000000000000001"
    |     "IOGeneralInterest" = "IOCommand is not serializable"
    |     "kUSBAddress" = 0x8
    |     "kUSBVendorString" = "VIA Labs, Inc. "
    |     }
    | }
++o AppleUSBHostCompositeDevice <class AppleUSBHostCompositeDevice, id 0x1000007ee, !registered, !
matched, active, busy 0, retain 4>
    | {
    |     "IOProbeScore" = 0xc350
    |     "CFBundleIdentifier" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
    |     "IOProviderClass" = "IOUSBHostDevice"
    |     "IOClass" = "AppleUSBHostCompositeDevice"
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|| ||| | | "IOPersonalityPublisher" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
|| ||| | | "bDeviceSubClass" = 0x0
|| ||| | | "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
|| ||| | | "IOMatchedAtBoot" = Yes
|| ||| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| ||| | | "kUSBPreferredConfiguration" = 0x1
|| ||| | | "bDeviceClass" = 0x11
|| ||| | | }
|| ||| | |
|| ||| | | +-o http://help.vesa.org/dp-usb-type-c/@0 <class IOUSBHostInterface, id 0x100007ef, registered,
matched, active, busy 0 (3 ms), retain 6>
|| ||| | | {
|| ||| | | "USBSpeed" = 0x3
|| ||| | | "iInterface" = 0x4
|| ||| | | "bInterfaceProtocol" = 0x0
|| ||| | | "bAlternateSetting" = 0x0
|| ||| | | "idProduct" = 0x8888
|| ||| | | "bcdDevice" = 0x1
|| ||| | | "USB Product Name" = "USB Billboard Device"
|| ||| | | "locationID" = 0x150000
|| ||| | | "bInterfaceClass" = 0x11
|| ||| | | "bInterfaceSubClass" = 0x0
|| ||| | | "IOCFPlugInTypes" = {"2d9786c6-9ef3-11d4-ad51-000a27052861"="IOUSBHostFamily.kext/Contents/
Plugins/IOUSBLib.bundle"}
|| ||| | | "USBPortType" = 0x0
|| ||| | | "kUSBString" = "http://help.vesa.org/dp-usb-type-c/"
|| ||| | | "bInterfaceNumber" = 0x0
|| ||| | | "bConfigurationValue" = 0x1
|| ||| | | "USB Vendor Name" = "VIA Labs, Inc."
|| ||| | | "idVendor" = 0x2109
|| ||| | | "IOServiceDEXTitlements" = (("com.apple.developer.driverkit.transport.usb"))
|| ||| | | "bNumEndpoints" = 0x0
|| ||| | | "USB Serial Number" = "0000000000000001"
|| ||| | | }
|| ||| | |
|| ||| | | +-o AppleUSBHostBillboardDevice <class AppleUSBHostBillboardDevice, id 0x100007f0, registered,
matched, active, busy 0 (0 ms), retain 5>
|| ||| | | {
|| ||| | | "IOClass" = "AppleUSBHostBillboardDevice"
|| ||| | | "bAdditionalFailureInfo" = 0x0
|| ||| | | "IOPersonalityPublisher" = "com.apple.driver.usb.AppleUSBHostBillboardDevice"
|| ||| | | "IOMatchedAtBoot" = Yes
|| ||| | | "BcdVersion" = 0x121
|| ||| | | "iAdditionalInfoURL" = 0x4
|| ||| | | "IOProviderClass" = "IOUSBHostInterface"
|| ||| | | "wSVID" = 0xff01
|| ||| | | "bPreferredAlternateMode" = 0x0
|| ||| | | "bmConfigured" = 0x3
|| ||| | | "AdditionalInfoURL" = "http://help.vesa.org/dp-usb-type-c/"
|| ||| | | "IOProbeScore" = 0xc350
|| ||| | | "iAlternateModeString" = 0x4
|| ||| | | "locationID" = 0x150000
|| ||| | | "bInterfaceClass" = 0x11
|| ||| | | "bInterfaceSubClass" = 0x0
|| ||| | | "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleUSBHostBillboardDevice"
|| ||| | | "VCONNPower" = 0x0
|| ||| | | "IOMatchCategory" = "AppleUSBHostBillboardDevice"
|| ||| | | "CFBundleIdentifier" = "com.apple.driver.usb.AppleUSBHostBillboardDevice"
|| ||| | | "dwAlternateModeVdo" = 0x400
|| ||| | | "bNumberOfAlternateModes" = 0x1
|| ||| | | "bAlternateMode" = 0x1
|| ||| | | "AlternateModeString" = "http://help.vesa.org/dp-usb-type-c/"
|| ||| | | }
|| ||| | |
|| ||| | | +-o Google Chrome <class AppleUSBHostDeviceUserClient, id 0x100000e81, !registered, !matched, active,
busy 0, retain 7>
|| ||| | | {
|| ||| | | "IOUserClientCreator" = "pid 626, Google Chrome"
|| ||| | | "IOUserClientDefaultLocking" = Yes
|| ||| | | }
|| ||| | |
|| ||| | | +-o IOUSBHostInterface@0 <class IOUSBHostInterface, id 0x10000768, !registered, !matched, active, busy 0
(0 ms), retain 8>
|| ||| | | {
|| ||| | | "USBPortType" = 0x0
|| ||| | | "IOCFPlugInTypes" = {"2d9786c6-9ef3-11d4-ad51-000a27052861"="IOUSBHostFamily.kext/Contents/
Plugins/IOUSBLib.bundle"}
|| ||| | | "USB Vendor Name" = "VIA Labs, Inc."
|| ||| | | "USB Serial Number" = "DEF0123456789ABC"
|| ||| | | "bcdDevice" = 0x3c3
|| ||| | | "USBSpeed" = 0x3
|| ||| | | "idProduct" = 0x2817
|| ||| | | "IOServiceDEXTitlements" = (("com.apple.developer.driverkit.transport.usb"))
|| ||| | | "bInterfaceSubClass" = 0x0
|| ||| | | "bConfigurationValue" = 0x1
|| ||| | | "locationID" = 0x100000
|| ||| | | "USB Product Name" = "USB2.0 Hub"
|| ||| | | "bInterfaceProtocol" = 0x2
|| ||| | | "iInterface" = 0x0
|| ||| | | "bAlternateSetting" = 0x1
|| ||| | | "idVendor" = 0x2109
|| ||| | | "bInterfaceNumber" = 0x0
|| ||| | | "bInterfaceClass" = 0x9
|| ||| | | "bNumEndpoints" = 0x1
|| ||| | | }
|| ||| | |
|| ||| | | +-o Google Chrome <class AppleUSBHostDeviceUserClient, id 0x100000e7b, !registered, !matched, active,
busy 0, retain 6>
|| ||| | | {
|| ||| | | "IOUserClientCreator" = "pid 626, Google Chrome"
|| ||| | | "IOUserClientDefaultLocking" = Yes
|| ||| | | }
|| ||| | |
|| ||| | | +-o usb-drd0-port-ss@00200000 <class AppleT8103USB40XHCTypeCPort, id 0x100001b7, registered,
matched, active, busy 0 (20325 ms), retain 18>
|| ||| | | {
|| ||| | | "usb-c-port-number" = <01000000>
|| ||| | | "link-error-count" = 0x0
|| ||| | | }
```

```

    | | | | "kUSBSleepPortCurrentLimit" = 0xbb8
    | | | | "AAPL,phandle" = <b8000000>
    | | | | "kUSBWakePortCurrentLimit" = 0xbb8
    | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x3,"DevicePowerState"=0x2,"CurrentPowerState"=0x3,"CapabilityFlags"=0x8000,"MaxPowerState"=0x3,"DriverPowerState"=0x0}
    | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | "locationID" = 0x200000
    | | | | "device_type" = <7573622d647264302d706f72742d737300>
    | | | | "kUSBBusCurrentSleepAllocation" = 0x0
    | | | | "port-type" = <04000000>
    | | | | "port-status" = 0x1400
    | | | | "kUSBBusCurrentAllocation" = 0x96
    | | | | "UsbCPortNumber" = 0x1
    | | | | "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerStateTime"={"kPowerStateOff"="0ms (0%)","kPowerStateSleep"="0ms (0%)","kPowerStateOn"="2691874ms (100%)","kPowerStateSuspended"="0ms (0%)","kPortStatConnectCount"=0x1,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetCount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"=0x0,"kPortStatOverCurrentCount"=0x0,"kPortStat$
    | | | | "name" = <7573622d647264302d706f72742d737300>
    | | | | "port" = <02000000>
    | | | | }
    | | | | }
    | | | | +-o USB3.0 Hub@00200000 <class IOUSBHostDevice, id 0x100000708, registered, matched, active, busy 0 (20325 ms), retain 35>
    | | | | {
    | | | | | "kUSBSerialNumberString" = "DEF0123456789ABC"
    | | | | | "bDeviceClass" = 0x9
    | | | | | "bDeviceSubClass" = 0x0
    | | | | | "iSerialNumber" = 0x3
    | | | | | "IOServiceDENTitlements" = ("com.apple.developer.driverkit.transport.usb")
    | | | | | "iProduct" = 0x2
    | | | | | "USB Serial Number" = "DEF0123456789ABC"
    | | | | | "USB Vendor Name" = "VIA Labs, Inc."
    | | | | | "USBSpeed" = 0x4
    | | | | | "IOPowerManagement" =
{"PowerOverrideOn"=Yes,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"DevicePowerState"=0x2,"DriverPowerState"=0x0,"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2}
    | | | | | "bNumConfigurations" = 0x1
    | | | | | "kUSBProductString" = "USB3.0 Hub"
    | | | | | "kUSBVendorString" = "VIA Labs, Inc."
    | | | | | "USB Product Name" = "USB3.0 Hub"
    | | | | | "iManufacturer" = 0x1
    | | | | | "idVendor" = 0x2109
    | | | | | "Device Speed" = 0x3
    | | | | | "kUSBCurrentConfiguration" = 0x1
    | | | | | "idProduct" = 0x817
    | | | | | "bcdDevice" = 0x3c3
    | | | | | "sessionID" = 0x8a0da77
    | | | | | "kUSBContainerID" = "2d207069-441e-de4c-8f73-78ec5964eca7"
    | | | | | "USB Address" = 0x1
    | | | | | "UsbStreamsSupported" = No
    | | | | | "IOCFPlugInTypes" = {"9dc7b780-9ec0-11d4-a54f-000a27052861"="IOUSBHostFamily.kext/Contents/PlugIns/IOUSBLib.bundle"}
    | | | | | "USBPortType" = 0x0
    | | | | | "bDeviceProtocol" = 0x3
    | | | | | "locationID" = 0x200000
    | | | | | "kUSBAddress" = 0x1
    | | | | | "bcdUSB" = 0x310
    | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | "bMaxPacketSize0" = 0x9
    | | | | | "kUSBHubPortSequenceDelay" = 0x64
    | | | | | }
    | | | | | }
    | | | | +-o AppleUSB30Hub@00200000 <class AppleUSB30Hub, id 0x10000070d, registered, matched, active, busy 0 (20320 ms), retain 23>
    | | | | {
    | | | | | "IOClass" = "AppleUSB30Hub"
    | | | | | "CFBundleIdentifier" = "com.apple.driver.usb.AppleUSBHub"
    | | | | | "IOProviderClass" = "IOUSBHostDevice"
    | | | | | "USBSpeed" = 0x4
    | | | | | "IOProbeScore" = 0xc3b4
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "locationID" = 0x200000
    | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | "UsbBusCurrentPoolID" = 0x10000070d
    | | | | | "bDeviceSubClass" = 0x0
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.usb.AppleUSBHub"
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleUSBHub"
    | | | | | "bDeviceClass" = 0x9
    | | | | | }
    | | | | | }
    | | | | +-o AppleUSB30HubPort@00230000 <class AppleUSB30HubPort, id 0x100000710, registered, matched, active, busy 0 (983 ms), retain 16>
    | | | | {
    | | | | | "port" = <03000000>
    | | | | | "port-status" = 0x1401
    | | | | | "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerStateTime"={"kPowerStateOff"="0ms (0%)","kPowerStateSleep"="0ms (0%)","kPowerStateOn"="2691207ms (100%)","kPowerStateSuspended"="0ms (0%)","kPortStatConnectCount"=0x1,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetCount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"=0x0,"kPortStatOverCurrentCount"=0x0,"k$
    | | | | | "kUSBWakePortCurrentLimit" = 0x384
    | | | | | "kUSBSleepPortCurrentLimit" = 0x384
    | | | | | "kUSBBusCurrentSleepAllocation" = 0x0
    | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x3,"DevicePowerState"=0x1,"CurrentPowerState"=0x3,"CapabilityFlags"=0x8000,"MaxPowerState"=0x3,"DriverPowerState"=0x0}
    | | | | | "kUSBBusCurrentAllocation" = 0x96
    | | | | | "locationID" = 0x230000
    | | | | | }
    | | | | | }
    | | | | +-o USB3.0 Hub@00230000 <class IOUSBHostDevice, id 0x10000078c, registered, matched, active, busy 0

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(983 ms), retain 35>
|| || || | {
|| || || | "sessionID" = 0x99d5995
|| || || | "USBSpeed" = 0x4
|| || || | "idProduct" = 0x817
|| || || | "iManufacturer" = 0x1
|| || || | "bDeviceClass" = 0x9
|| || || | "IOPowerManagement" =
{"PowerOverrideOn"=Yes,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"DevicePowerState"=0x2,"DriverPowerState"=
0x0,"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2}
|| || || | "bcdDevice" = 0x9054
|| || || | "bMaxPacketSize0" = 0x9
|| || || | "iProduct" = 0x2
|| || || | "iSerialNumber" = 0x0
|| || || | "bNumConfigurations" = 0x1
|| || || | "kUSBContainerID" = "a2b89e32-1ea1-0c4c-a91f-f0ebf908fb0f"
|| || || | "USB Product Name" = "USB3.0 Hub"
|| || || | "locationID" = 0x230000
|| || || | "bDeviceSubClass" = 0x0
|| || || | "bcdUSB" = 0x310
|| || || | "USB Address" = 0x4
|| || || | "kUSBHubPortSequenceDelay" = 0x64
|| || || | "IOCFPluginTypes" = {"9dc7b780-9ec0-11d4-a54f-000a27052861"="IOUSBHostFamily.kext/Contents/
Plugins/IOUSBLib.bundle"}
|| || || | "kUSBCurrentConfiguration" = 0x1
|| || || | "bDeviceProtocol" = 0x3
|| || || | "USBPortType" = 0x1
|| || || | "IOServiceDEXTitlements" = ("com.apple.developer.driverkit.transport.usb")
|| || || | "USB Vendor Name" = "VIA Labs, Inc."
|| || || | "Device Speed" = 0x3
|| || || | "idVendor" = 0x2109
|| || || | "kUSBProductString" = "USB3.0 Hub"
|| || || | "IOGeneralInterest" = "IOCommand is not serializable"
|| || || | "kUSBAddress" = 0x4
|| || || | "kUSBVendorString" = "VIA Labs, Inc."
|| || || | "UsbStreamsSupported" = No
|| || || | }
|| || || | }
|| || || | +-o AppleUSB30Hub@00230000 <class AppleUSB30Hub, id 0x10000078f, registered, matched, active,
busy 0 (979 ms), retain 23>
|| || || | {
|| || || | "IOClass" = "AppleUSB30Hub"
|| || || | "CFBundleIdentifier" = "com.apple.driver.usb.AppleUSBHub"
|| || || | "IOProviderClass" = "IOUSBHostDevice"
|| || || | "USBSpeed" = 0x4
|| || || | "IOProbeScore" = 0xc3b4
|| || || | "IOMatchedAtBoot" = Yes
|| || || | "locationID" = 0x230000
|| || || | "IOMatchCategory" = "IODefaultMatchCategory"
|| || || | "UsbBusCurrentPoolID" = 0x10000078f
|| || || | "bDeviceSubClass" = 0x0
|| || || | "IOPersonalityPublisher" = "com.apple.driver.usb.AppleUSBHub"
|| || || | "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleUSBHub"
|| || || | "bDeviceClass" = 0x9
|| || || | }
|| || || | }
|| || || | +-o AppleUSB30HubPort@00231000 <class AppleUSB30HubPort, id 0x100000792, registered, matched,
active, busy 0 (0 ms), retain 12>
|| || || | {
|| || || | "port" = <01000000>
|| || || | "port-status" = 0x0
|| || || | "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerSta
teTime"={"kPowerStateOff"=0ms (0%),"kPowerStateSleep"=2690293ms (100%),"kPowerStateOn"=0ms
(0%),"kPowerStateSuspended"=0ms
(0%)},kPortStatConnectCount"=0x0,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetC
ount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"
=0x0,"kPortStatOverCurrentCount"=$
|| || || | "kUSBWakePortCurrentLimit" = 0x384
|| || || | "kUSBSleepPortCurrentLimit" = 0x384
|| || || | "kUSBBusCurrentSleepAllocation" = 0x0
|| || || | "IOGeneralInterest" = "IOCommand is not serializable"
|| || || | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x10004,"MaxPowerState"=0x3,"DriverPowerState"
=0x0}
|| || || | "kUSBBusCurrentAllocation" = 0x96
|| || || | "locationID" = 0x231000
|| || || | }
|| || || | }
|| || || | +-o AppleUSB30HubPort@00232000 <class AppleUSB30HubPort, id 0x100000793, registered, matched,
active, busy 0 (417 ms), retain 17>
|| || || | {
|| || || | "port" = <02000000>
|| || || | "port-status" = 0x1400
|| || || | "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerSta
teTime"={"kPowerStateOff"=0ms (0%),"kPowerStateSleep"=0ms (0%),"kPowerStateOn"=2690521ms
(100%)},kPowerStateSuspended"=0ms
(0%)},kPortStatConnectCount"=0x1,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetCo
unt"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"=
0x0,"kPortStatOverCurrentCount"=$
|| || || | "kUSBWakePortCurrentLimit" = 0x384
|| || || | "kUSBSleepPortCurrentLimit" = 0x384
|| || || | "kUSBBusCurrentSleepAllocation" = 0x0
|| || || | "IOGeneralInterest" = "IOCommand is not serializable"
|| || || | "IOPowerManagement" =
{"ChildrenPowerState"=0x3,"DevicePowerState"=0x1,"CurrentPowerState"=0x3,"CapabilityFlags"=0x8000,"MaxPowerStat
e"=0x3,"DriverPowerState"=0x0}
|| || || | "kUSBBusCurrentAllocation" = 0x380
|| || || | "locationID" = 0x232000
|| || || | }
|| || || | }
|| || || | +-o USB3.0 Card Reader@00232000 <class IOUSBHostDevice, id 0x1000007f6, registered, matched,
active, busy 0 (417 ms), retain 28>
|| || || | {
|| || || | "sessionID" = 0xa9547d3
|| || || | "USBSpeed" = 0x4
|| || || | "idProduct" = 0x749
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|| || || || || | "iManufacturer" = 0x3
|| || || || || | "bDeviceClass" = 0x0
|| || || || || | "IOPowerManagement" =
{"PowerOverrideOn"=Yes,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"DevicePowerState"=0x2,"DriverPowerState"=
0x0,"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2}
|| || || || || | "bcdDevice" = 0x1539
|| || || || || | "bMaxPacketSize0" = 0x9
|| || || || || | "iProduct" = 0x4
|| || || || || | "iSerialNumber" = 0x2
|| || || || || | "bNumConfigurations" = 0x1
|| || || || || | "USB Product Name" = "USB3.0 Card Reader"
|| || || || || | "USB Address" = 0x9
|| || || || || | "locationID" = 0x232000
|| || || || || | "bDeviceSubClass" = 0x0
|| || || || || | "bcdUSB" = 0x320
|| || || || || | "kUSBSerialNumberString" = "00000001539"
|| || || || || | "kUSBCurrentConfiguration" = 0x1
|| || || || || | "IOCFPluginTypes" = {"9dc7b780-9ec0-11d4-a54f-000a27052861"="IOUSBHostFamily.kext/Contents/
Plugins/IOUSBLib.bundle"}
|| || || || || | "bDeviceProtocol" = 0x0
|| || || || || | "USBPortType" = 0x0
|| || || || || | "IOServiceDEXTentitlements" = (("com.apple.developer.driverkit.transport.usb"))
|| || || || || | "USB Vendor Name" = "Generic"
|| || || || || | "Device Speed" = 0x3
|| || || || || | "idVendor" = 0x5e3
|| || || || || | "kUSBProductString" = "USB3.0 Card Reader"
|| || || || || | "USB Serial Number" = "00000001539"
|| || || || || | "IOGeneralInterest" = "IOCommand is not serializable"
|| || || || || | "kUSBAddress" = 0x9
|| || || || || | "kUSBVendorString" = "Generic"
|| || || || || | "UsbStreamsSupported" = No
|| || || || || | }
|| || || || || | }
|| || || || || | +-o AppleUSBHostCompositeDevice <class AppleUSBHostCompositeDevice, id 0x1000007fa, !
registered, !matched, active, busy 0, retain 4>
|| || || || || | {
|| || || || || | "IOClass" = "AppleUSBHostCompositeDevice"
|| || || || || | "CFBundleIdentifier" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
|| || || || || | "IOProviderClass" = "IOUSBHostDevice"
|| || || || || | "kUSBPreferredConfiguration" = 0x1
|| || || || || | "IOProbeScore" = 0xc350
|| || || || || | "IOMatchedAtBoot" = Yes
|| || || || || | "IOMatchCategory" = "IODefaultMatchCategory"
|| || || || || | "bDeviceSubClass" = 0x0
|| || || || || | "IOPersonalityPublisher" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
|| || || || || | "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleUSBHostCompositeDevice"
|| || || || || | "IOPrimaryDriverTerminateOptions" = Yes
|| || || || || | "bDeviceClass" = 0x0
|| || || || || | }
|| || || || || | }
|| || || || || | +-o IOUSBHostInterface@0 <class IOUSBHostInterface, id 0x1000007fb, registered, matched, active,
busy 0 (413 ms), retain 11>
|| || || || || | {
|| || || || || | "USBPortType" = 0x0
|| || || || || | "IOCFPluginTypes" = {"2d9786c6-9ef3-11d4-ad51-000a27052861"="IOUSBHostFamily.kext/
Contents/Plugins/IOUSBLib.bundle"}
|| || || || || | "USB Vendor Name" = "Generic"
|| || || || || | "USB Serial Number" = "00000001539"
|| || || || || | "bcdDevice" = 0x1539
|| || || || || | "USBSpeed" = 0x4
|| || || || || | "idProduct" = 0x749
|| || || || || | "IOServiceDEXTentitlements" = (("com.apple.developer.driverkit.transport.usb"))
|| || || || || | "bInterfaceSubClass" = 0x6
|| || || || || | "bConfigurationValue" = 0x1
|| || || || || | "locationID" = 0x232000
|| || || || || | "USB Product Name" = "USB3.0 Card Reader"
|| || || || || | "bInterfaceProtocol" = 0x50
|| || || || || | "iInterface" = 0x0
|| || || || || | "bAlternateSetting" = 0x0
|| || || || || | "idVendor" = 0x5e3
|| || || || || | "bInterfaceNumber" = 0x0
|| || || || || | "bInterfaceClass" = 0x8
|| || || || || | "bNumEndpoints" = 0x2
|| || || || || | }
|| || || || || | }
|| || || || || | +-o IOUSBMassStorageInterfaceNub <class IOUSBMassStorageInterfaceNub, id 0x1000007fc,
registered, matched, active, busy 0 (410 ms), retain 10>
|| || || || || | {
|| || || || || | "IOClass" = "IOUSBMassStorageInterfaceNub"
|| || || || || | "IOPersonalityPublisher" = "com.apple.iokit.IOUSBMassStorageDriver"
|| || || || || | "IOMatchedAtBoot" = Yes
|| || || || || | "idProduct" = 0x749
|| || || || || | "bcdDevice" = 0x1539
|| || || || || | "IOProviderClass" = "IOUSBHostInterface"
|| || || || || | "Physical Interconnect Location" = "External"
|| || || || || | "bInterfaceProtocol" = 0x50
|| || || || || | "bNumConfigurations" = 0x1
|| || || || || | "USB Product Name" = "USB3.0 Card Reader"
|| || || || || | "IOProbeScore" = 0xc350
|| || || || || | "USB Device Info" =
{"bcdDevice"=0x1539,"idProduct"=0x749,"bInterfaceSubClass"=0x6,"locationID"=0x232000,"bConfigurationValue"=0x1,"k
USBVendorString"="Generic","kUSBSerialNumberString"="00000001539","USB Product Name"="USB3.0 Card
Reader","kUSBProductString"="USB3.0 Card
Reader","idVendor"=0x5e3,"bInterfaceProtocol"=0x50,"bInterfaceNumber"=0x0,"bInterfaceClass"=0x8,"bNumConfiguratio
ns"=0x1}
|| || || || || | "locationID" = 0x232000
|| || || || || | "kUSBSerialNumberString" = "00000001539"
|| || || || || | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"DriverPowerState"=
0x1}
|| || || || || | "bInterfaceClass" = 0x8
|| || || || || | "bInterfaceSubClass" = 0x6
|| || || || || | "Physical Interconnect" = "USB"
|| || || || || | "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBMassStorageDriver"
|| || || || || | "bConfigurationValue" = 0x1
|| || || || || | "IOMatchCategory" = "IODefaultMatchCategory"
|| || || || || | "CFBundleIdentifier" = "com.apple.iokit.IOUSBMassStorageDriver"
|| || || || || | "bInterfaceNumber" = 0x0

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|| || || || | "idVendor" = 0x5e3
|| || || || | "USB Mass Storage Trace ID" = 0x5e3074900232000
|| || || || | "kUSBProductString" = "USB3.0 Card Reader"
|| || || || | "kUSBVendorString" = "Generic"
|| || || || | }
|| || || || | }
|| || || || | +--o IOUSBMassStorageDriverNub <class IOUSBMassStorageDriverNub, id 0x1000007fe, registered,
matched, active, busy 0 (410 ms), retain 13>
|| || || || | {
|| || || || | | "IOClass" = "IOUSBMassStorageDriverNub"
|| || || || | | "Number Of InterfaceNubs" = 0x1
|| || || || | | "IOPersonalityPublisher" = "com.apple.iokit.IOUSBMassStorageDriver"
|| || || || | | "IOMatchedAtBoot" = Yes
|| || || || | | "idProduct" = 0x749
|| || || || | | "bInterfaceProtocol" = 0x50
|| || || || | | "IOProviderClass" = "IOUSBMassStorageInterfaceNub"
|| || || || | | "USB Device Info" =
{"bcdDevice"=0x1539,"idProduct"=0x749,"bInterfaceSubClass"=0x6,"locationID"=0x232000,"bConfigurationValue"=0x1,"k
USBVendorString"="Generic","kUSBSerialNumberString"="000000001539","USB Product Name"="USB3.0 Card
Reader","kUSBProductString"="USB3.0 Card
Reader","idVendor"=0x5e3,"bInterfaceProtocol"=0x50,"bInterfaceNumber"=0x0,"bInterfaceClass"=0x8,"bNumConfiguratio
ns"=0x1}
|| || || || | | "USB Product Name" = "USB3.0 Card Reader"
|| || || || | | "Physical Interconnect Location" = "External"
|| || || || | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState
"=0x1,"DriverPowerState"=0x1}
|| || || || | | "IOProbeScore" = 0x0
|| || || || | | "bInterfaceClass" = 0x8
|| || || || | | "bInterfaceSubClass" = 0x6
|| || || || | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBMassStorageDriver"
|| || || || | | "Physical Interconnect" = "USB"
|| || || || | | "bConfigurationValue" = 0x1
|| || || || | | "IOMatchCategory" = "IODefaultMatchCategory"
|| || || || | | "CFBundleIdentifier" = "com.apple.iokit.IOUSBMassStorageDriver"
|| || || || | | "USB Mass Storage Trace ID" = 0x5e3074900232000
|| || || || | | "idVendor" = 0x5e3
|| || || || | | "bInterfaceNumber" = 0x0
|| || || || | | "Requested Speed" = Yes
|| || || || | | "kUSBVendorString" = "Generic"
|| || || || | | }
|| || || || | | }
|| || || || | +--o IOUSBMassStorageDriver <class IOUSBMassStorageDriver, id 0x100000800, !registered, !
matched, active, busy 0 (409 ms), retain 12>
|| || || || | {
|| || || || | | "IOClass" = "IOUSBMassStorageDriver"
|| || || || | | "CFBundleIdentifier" = "com.apple.iokit.IOUSBMassStorageDriver"
|| || || || | | "IOProviderClass" = "IOUSBMassStorageDriverNub"
|| || || || | | "Write Time Out Duration" = 0x7530
|| || || || | | "USB Mass Storage Trace ID" = 0x5e3074900232000
|| || || || | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState
"=0x1,"DriverPowerState"=0x1}
|| || || || | | "Read Time Out Duration" = 0x7530
|| || || || | | "IOProbeScore" = 0x0
|| || || || | | "IOMatchedAtBoot" = Yes
|| || || || | | "IOMatchCategory" = "IODefaultMatchCategory"
|| || || || | | "Retry Count" = 0x14
|| || || || | | "IOUnit" = 0x9
|| || || || | | "Protocol Characteristics" = {"Physical Interconnect"="USB","Read Time Out
Duration"=0x7530,"Physical Interconnect Location"="External","Write Time Out Duration"=0x7530,"Retry Count"=0x14}
|| || || || | | "IOPersonalityPublisher" = "com.apple.iokit.IOUSBMassStorageDriver"
|| || || || | | "bInterfaceProtocol" = 0x50
|| || || || | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBMassStorageDriver"
|| || || || | | "Physical Interconnect Location" = "External"
|| || || || | | "No INQUIRY VPD Pages" = Yes
|| || || || | | }
|| || || || | | }
|| || || || | +--o IOSCSILogicalUnitNub@0 <class IOSCSILogicalUnitNub, id 0x100000802, registered, matched,
active, busy 0 (204 ms), retain 8>
|| || || || | {
|| || || || | | "TPGS Information" = 0x0
|| || || || | | "Peripheral Device Type" = 0x0
|| || || || | | "Vendor Identification" = "Generic"
|| || || || | | "SCSI Logical Unit Number" = 0x0
|| || || || | | "IOMatchCategory" = "SCSITaskUserClientInitier"
|| || || || | | "Product Identification" = "MassStorageClass"
|| || || || | | "Protocol Characteristics" = {"Physical Interconnect"="USB","Read Time Out
Duration"=0x7530,"SCSI Logical Unit Number"=0x0,"Physical Interconnect Location"="External","Write Time Out
Duration"=0x7530,"Retry Count"=0x14}
|| || || || | | "IOUnitLUN" = 0x0
|| || || || | | "Product Revision Level" = "1539"
|| || || || | | }
|| || || || | | }
|| || || || | +--o IOSCSIPeripheralDeviceType00 <class IOSCSIPeripheralDeviceType00, id 0x100000804, !
registered, !matched, active, busy 0 (0 ms), retain 8>
|| || || || | {
|| || || || | | "IOClass" = "IOSCSIPeripheralDeviceType00"
|| || || || | | "CFBundleIdentifier" = "com.apple.iokit.IOSCSIBlockCommandsDevice"
|| || || || | | "IOProviderClass" = "IOSCSIPeripheralDeviceNub"
|| || || || | | "IOMaximumBlockCountRead" = 0xffff
|| || || || | | "IOPowerManagement" =
{"CapabilityFlags"=0x0,"MaxPowerState"=0x4,"ActivityTickles"=0x0,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x30d40,
"DriverPowerState"=0x1,"CurrentPowerState"=0x1}
|| || || || | | "IOMaximumBlockCountWrite" = 0xffff
|| || || || | | "IOProbeScore" = 0x1388
|| || || || | | "Peripheral Device Type" = 0x0
|| || || || | | "IOMatchedAtBoot" = Yes
|| || || || | | "IOMatchCategory" = "IODefaultMatchCategory"
|| || || || | | "IOMaximumByteCountWrite" = 0x100000
|| || || || | | "IOPersonalityPublisher" = "com.apple.iokit.IOSCSIBlockCommandsDevice"
|| || || || | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOSCSIBlockCommandsDevice"
|| || || || | | "WriteCacheState" = No
|| || || || | | "IOMaximumByteCountRead" = 0x100000
|| || || || | | "IOPrimaryDriverTerminateOptions" = Yes
|| || || || | | }
|| || || || | | }
|| || || || | +--o IOBlockStorageServices <class IOBlockStorageServices, id 0x100000809, registered,

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matched, active, busy 0 (0 ms), retain 6>
  || || || || || | | | {
  || || || || || | | | "IOMinimumSegmentAlignmentByteCount" = 0x4
  || || || || || | | | "device-type" = "Generic"
  || || || || || | | | "Protocol Characteristics" = {"Physical Interconnect"="USB","Read Time Out
Duration"=0x7530,"SCSI Logical Unit Number"=0x0,"Physical Interconnect Location"="External","Write Time Out
Duration"=0x7530,"Retry Count"=0x14}
  || || || || || | | | "Device Characteristics" = {"Vendor Name"="Generic","Product
Name"="MassStorageClass","Product Revision Level"="1539"}
  || || || || || | | | }
  || || || || || | | | +-o IOBlockStorageDriver <class IOBlockStorageDriver, id 0x10000080a, registered, matched,
active, busy 0 (0 ms), retain 6>
  || || || || || | | | {
  || || || || || | | | "IOPropertyMatch" = {"device-type"="Generic"}
  || || || || || | | | "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
  || || || || || | | | "IOProviderClass" = "IOBlockStorageDevice"
  || || || || || | | | "IOClass" = "IOBlockStorageDriver"
  || || || || || | | | "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
  || || || || || | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
  || || || || || | | | "IOProbeScore" = 0x0
  || || || || || | | | "IOMatchedAtBoot" = Yes
  || || || || || | | | "Statistics" = {"Operations (Write)"=0x0,"Latency Time (Write)"=0x0,"Bytes
(Read)"=0x0,"Errors (Write)"=0x0,"Total Time (Read)"=0x0,"Latency Time (Read)"=0x0,"Retries (Read)"=0x0,"Errors
(Read)"=0x0,"Total Time (Write)"=0x0,"Bytes (Write)"=0x0,"Operations (Read)"=0x0,"Retries (Write)"=0x0}
  || || || || || | | | "IOMatchCategory" = "IODefaultMatchCategory"
  || || || || || | | | }
  || || || || || | | | +-o IOSCSILogicalUnitNub@1 <class IOSCSILogicalUnitNub, id 0x100000803, registered, matched,
active, busy 0 (2 ms), retain 8>
  || || || || || | | | {
  || || || || || | | | "TPGS Information" = 0x0
  || || || || || | | | "Peripheral Device Type" = 0x0
  || || || || || | | | "Vendor Identification" = "Generic"
  || || || || || | | | "SCSI Logical Unit Number" = 0x1
  || || || || || | | | "IOMatchCategory" = "SCSITaskUserClientIniter"
  || || || || || | | | "Product Identification" = "MassStorageClass"
  || || || || || | | | "Protocol Characteristics" = {"Physical Interconnect"="USB","Read Time Out
Duration"=0x7530,"SCSI Logical Unit Number"=0x1,"Physical Interconnect Location"="External","Write Time Out
Duration"=0x7530,"Retry Count"=0x14}
  || || || || || | | | "IOUnitLUN" = 0x1
  || || || || || | | | "Product Revision Level" = "1539"
  || || || || || | | | }
  || || || || || | | | +-o IOSCSIPeripheralDeviceType00 <class IOSCSIPeripheralDeviceType00, id 0x100000811, !
registered, !matched, active, busy 0 (0 ms), retain 8>
  || || || || || | | | {
  || || || || || | | | "IOClass" = "IOSCSIPeripheralDeviceType00"
  || || || || || | | | "CFBundleIdentifier" = "com.apple.iokit.IOSCSIBlockCommandsDevice"
  || || || || || | | | "IOProviderClass" = "IOSCSIPeripheralDeviceNub"
  || || || || || | | | "IOMaximumBlockCountRead" = 0xffff
  || || || || || | | | "IOPowerManagement" =
{"CapabilityFlags"=0x0,"MaxPowerState"=0x4,"ActivityTicks"=0x0,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x30d40,
"DriverPowerState"=0x1,"CurrentPowerState"=0x1}
  || || || || || | | | "IOMaximumBlockCountWrite" = 0xffff
  || || || || || | | | "IOProbeScore" = 0x1388
  || || || || || | | | "Peripheral Device Type" = 0x0
  || || || || || | | | "IOMatchedAtBoot" = Yes
  || || || || || | | | "IOMatchCategory" = "IODefaultMatchCategory"
  || || || || || | | | "IOMaximumByteCountWrite" = 0x100000
  || || || || || | | | "IOPersonalityPublisher" = "com.apple.iokit.IOSCSIBlockCommandsDevice"
  || || || || || | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOSCSIBlockCommandsDevice"
  || || || || || | | | "WriteCacheState" = No
  || || || || || | | | "IOMaximumByteCountRead" = 0x100000
  || || || || || | | | "IOPrimaryDriverTerminateOptions" = Yes
  || || || || || | | | }
  || || || || || | | | +-o IOBlockStorageServices <class IOBlockStorageServices, id 0x100000814, registered,
matched, active, busy 0 (0 ms), retain 6>
  || || || || || | | | {
  || || || || || | | | "IOMinimumSegmentAlignmentByteCount" = 0x4
  || || || || || | | | "device-type" = "Generic"
  || || || || || | | | "Protocol Characteristics" = {"Physical Interconnect"="USB","Read Time Out
Duration"=0x7530,"SCSI Logical Unit Number"=0x1,"Physical Interconnect Location"="External","Write Time Out
Duration"=0x7530,"Retry Count"=0x14}
  || || || || || | | | "Device Characteristics" = {"Vendor Name"="Generic","Product
Name"="MassStorageClass","Product Revision Level"="1539"}
  || || || || || | | | }
  || || || || || | | | +-o IOBlockStorageDriver <class IOBlockStorageDriver, id 0x100000815, registered, matched,
active, busy 0 (0 ms), retain 6>
  || || || || || | | | {
  || || || || || | | | "IOPropertyMatch" = {"device-type"="Generic"}
  || || || || || | | | "CFBundleIdentifier" = "com.apple.iokit.IOStorageFamily"
  || || || || || | | | "IOProviderClass" = "IOBlockStorageDevice"
  || || || || || | | | "IOClass" = "IOBlockStorageDriver"
  || || || || || | | | "IOPersonalityPublisher" = "com.apple.iokit.IOStorageFamily"
  || || || || || | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOStorageFamily"
  || || || || || | | | "IOProbeScore" = 0x0
  || || || || || | | | "IOMatchedAtBoot" = Yes
  || || || || || | | | "Statistics" = {"Operations (Write)"=0x0,"Latency Time (Write)"=0x0,"Bytes
(Read)"=0x0,"Errors (Write)"=0x0,"Total Time (Read)"=0x0,"Latency Time (Read)"=0x0,"Retries (Read)"=0x0,"Errors
(Read)"=0x0,"Total Time (Write)"=0x0,"Bytes (Write)"=0x0,"Operations (Read)"=0x0,"Retries (Write)"=0x0}
  || || || || || | | | "IOMatchCategory" = "IODefaultMatchCategory"
  || || || || || | | | }
  || || || || || | | | +-o Google Chrome <class AppleUSBHostDeviceUserClient, id 0x100000e82, !registered, !matched,
active, busy 0, retain 7>
  || || || || || | | | {
  || || || || || | | | "IOUserClientCreator" = "pid 626, Google Chrome"
  || || || || || | | | "IOUserClientDefaultLocking" = Yes
  || || || || || | | | }
  || || || || || | | | +-o AppleUSB30HubPort@00233000 <class AppleUSB30HubPort, id 0x100000794, registered, matched,
active, busy 0 (562 ms), retain 16>
  || || || || || | | | {
  || || || || || | | | "port" = <03000000>
  || || || || || | | | "port-status" = 0x1400

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```
    || || || || "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerStateTime"=("kPowerStateOff"=0ms (0%),"kPowerStateSleep"=51ms (0%),"kPowerStateOn"=2689896ms (99%)"kPowerStateSuspended"=0ms (0%)"kPortStatConnectCount"=0x1,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetCount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"=0x0,"kPortStatOverCurrentCount"=$
    || || || || "kUSBWakePortCurrentLimit" = 0x384
    || || || || "kUSBSleepPortCurrentLimit" = 0x384
    || || || || "kUSBBusCurrentSleepAllocation" = 0x0
    || || || || "IOGeneralInterest" = "IOCommand is not serializable"
    || || || || "IOPowerManagement" =
{"ChildrenPowerState"=0x3,"DevicePowerState"=0x1,"CurrentPowerState"=0x3,"CapabilityFlags"=0x8000,"MaxPowerState"=0x3,"DriverPowerState"=0x0}
    || || || || "kUSBBusCurrentAllocation" = 0x120
    || || || || "locationID" = 0x233000
    || || || || }
    || || || || }
    || || || || +-o USB 10/100/1000 LAN@00233000 <class IOUSBHostDevice, id 0x100000816, registered, matched, active, busy 0 (562 ms), retain 161>
    || || || || {
    || || || || "kUSBSerialNumberString" = "00100032A"
    || || || || "bDeviceClass" = 0x0
    || || || || "bDeviceSubClass" = 0x0
    || || || || "iSerialNumber" = 0x6
    || || || || "IOServiceDEXTentitlements" = (("com.apple.developer.driverkit.transport.usb"))
    || || || || "iProduct" = 0x2
    || || || || "USB Serial Number" = "00100032A"
    || || || || "USB Vendor Name" = "Realtek"
    || || || || "USBSpeed" = 0x4
    || || || || "IOPowerManagement" =
{"PowerOverrideOn"=Yes,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"DevicePowerState"=0x2,"DriverPowerState"=0x0,"ChildrenPowerState"=0x2,"CurrentPowerState"=0x2}
    || || || || "bNumConfigurations" = 0x2
    || || || || "kUSBProductString" = "USB 10/100/1000 LAN"
    || || || || "kUSBVendorString" = "Realtek"
    || || || || "USB Product Name" = "USB 10_100_1000 LAN"
    || || || || "kUSBHostDeviceEnableLPM" = No
    || || || || "iManufacturer" = 0x1
    || || || || "idVendor" = 0xbda
    || || || || "UsbStreamsSupported" = No
    || || || || "Device Speed" = 0x3
    || || || || "idProduct" = 0x8153
    || || || || "bcdDevice" = 0x3100
    || || || || "sessionID" = 0xb78cafc
    || || || || "USB Address" = 0xb
    || || || || "kUSBPreferredConfiguration" = 0x2
    || || || || "kUSBCurrentConfiguration" = 0x2
    || || || || "IOCFPlugInTypes" = {"9dc7b780-9ec0-11d4-a54f-000a27052861"="IOUSBHostFamily.kext/Contents/PlugIns/IOUSBLib.bundle"}
    || || || || "USBPortType" = 0x0
    || || || || "bDeviceProtocol" = 0x0
    || || || || "locationID" = 0x233000
    || || || || "kUSBAddress" = 0xb
    || || || || "bcdUSB" = 0x300
    || || || || "IOGeneralInterest" = "IOCommand is not serializable"
    || || || || "bMaxPacketSize0" = 0x9
    || || || || }
    || || || || }
    || || || || +-o AppleUSBCDCCompositeDevice <class AppleUSBCDCCompositeDevice, id 0x10000081a, ! registered, !matched, active, busy 0, retain 4>
    || || || || {
    || || || || "IOClass" = "AppleUSBCDCCompositeDevice"
    || || || || "CFBundleIdentifier" = "com.apple.driver.usb.cdc"
    || || || || "IOProviderClass" = "IOUSBHostDevice"
    || || || || "kUSBPreferredConfiguration" = 0x2
    || || || || "IOProbeScore" = 0xea60
    || || || || "IOMatchedAtBoot" = Yes
    || || || || "IOMatchCategory" = "IODefaultMatchCategory"
    || || || || "bDeviceSubClass" = 0x0
    || || || || "IOPersonalityPublisher" = "com.apple.driver.usb.cdc"
    || || || || "bDeviceProtocol" = 0x0
    || || || || "CFBundleIdentifierKernel" = "com.apple.driver.usb.cdc"
    || || || || "bDeviceClass" = 0x0
    || || || || }
    || || || || }
    || || || || +-o CDC Communications Control@0 <class IOUSBHostInterface, id 0x10000081d, registered, matched, active, busy 0 (551 ms), retain 11>
    || || || || {
    || || || || "USBSpeed" = 0x4
    || || || || "iInterface" = 0x5
    || || || || "bInterfaceProtocol" = 0x0
    || || || || "bAlternateSetting" = 0x0
    || || || || "idProduct" = 0x8153
    || || || || "bcdDevice" = 0x3100
    || || || || "USB Product Name" = "USB 10/100/1000 LAN"
    || || || || "locationID" = 0x233000
    || || || || "bInterfaceClass" = 0x2
    || || || || "bInterfaceSubClass" = 0x6
    || || || || "IOCFPlugInTypes" = {"2d9786c6-9ef3-11d4-ad51-000a27052861"="IOUSBHostFamily.kext/Contents/PlugIns/IOUSBLib.bundle"}
    || || || || "USBPortType" = 0x0
    || || || || "kUSBString" = "CDC Communications Control"
    || || || || "bInterfaceNumber" = 0x0
    || || || || "bConfigurationValue" = 0x2
    || || || || "USB Vendor Name" = "Realtek"
    || || || || "idVendor" = 0xbda
    || || || || "IOServiceDEXTentitlements" = (("com.apple.developer.driverkit.transport.usb"))
    || || || || "bNumEndpoints" = 0x1
    || || || || "IOEXTMatchCount" = 0x1
    || || || || "USB Serial Number" = "00100032A"
    || || || || }
    || || || || }
    || || || || +-o AppleUserECM <class IOUserNetworkEthernet, id 0x100000b64, registered, matched, active, busy 0 (102 ms), retain 21>
    || || || || {
    || || || || "IOClass" = "IOUserNetworkEthernet"
    || || || || "IOUserClass" = "AppleUserECM"
    || || || || }
```



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    || || || || | "IOResourceMatch" = "IOBSD"
    || || || || | "IOMatchedAtBoot" = Yes
    || || || || | "IOMatchCategory" = "IODefaultMatchCategory"
    || || || || | "IOReportLegend" = ({"IOReportGroupName"="User RX Completion
Queue";"IOReportChannels"=((0x534b724300000000,0x180000001,"Enabled"),
(0x534b724300000001,0x180000001,"Ring Size"),(0x534b724300000002,0x180000001,"Capacity"),
(0x534b724300000003,0x180000001,"Buffer Size"),(0x534b724300000004,0x180000001,"Queue State"),
(0x534b724300000005,0x180000001,"Ring State"),(0x534b724300000006,0x180000001,"Packet Count"),
(0x534b724300000007,0x180000001,"Queue Full Count"),(0x534b724300000008,0x180000001,"Enqueue Count"),$
    || || || || | "IOReportLegendPublic" = Yes
    || || || || | "IOPersonalityPublisher" = "com.apple.iokit.IOSkywalkFamily"
    || || || || | "CFBundleIdentifierKernel" = "com.apple.iokit.IOSkywalkFamily"
    || || || || | }
    || || || || |
    || || || || | +-o IOUSBHostInterface@1 <class IOUSBHostInterface, id 0x10000081e, registered, matched, active,
busy 0 (264 ms), retain 12>
    || || || || | {
    || || || || | "USBSpeed" = 0x4
    || || || || | "iInterface" = 0x4
    || || || || | "bInterfaceProtocol" = 0x0
    || || || || | "bAlternateSetting" = 0x1
    || || || || | "idProduct" = 0x8153
    || || || || | "bcdDevice" = 0x3100
    || || || || | "USB Product Name" = "USB 10/100/1000 LAN"
    || || || || | "locationID" = 0x233000
    || || || || | "bInterfaceClass" = 0xa
    || || || || | "bInterfaceSubClass" = 0x0
    || || || || | "IOCFPluginTypes" = {"2d9786c6-9ef3-11d4-ad51-000a27052861"="IOUSBHostFamily.kext/
Contents/Plugins/IOUSBLib.bundle"}
    || || || || | "USBPortType" = 0x0
    || || || || | "bConfigurationValue" = 0x2
    || || || || | "bInterfaceNumber" = 0x1
    || || || || | "USB Vendor Name" = "Realtek"
    || || || || | "IOServiceDEXTentitlements" = ({"com.apple.developer.driverkit.transport.usb"})
    || || || || | "idVendor" = 0xbda
    || || || || | "IODEXTMatchCount" = 0x1
    || || || || | "bNumEndpoints" = 0x2
    || || || || | "USB Serial Number" = "00100032A"
    || || || || | }
    || || || || |
    || || || || | +-o AppleUserECMData <class IOUserService, id 0x100000b61, !registered, !matched, active, busy 0,
retain 8>
    || || || || | {
    || || || || | "IOClass" = "IOUserService"
    || || || || | "CFBundleIdentifier" = "com.apple.DriverKit.AppleUserECM"
    || || || || | "IOProviderClass" = "IOUSBHostInterface"
    || || || || | "IOUserServerCDHash" = "6f15273dedf7ac34c42fff1200b0195fda28a5c4"
    || || || || | "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
    || || || || | "IOMatchedPersonality" =
{"IOClass"="IOUserService","CFBundleIdentifier"="com.apple.DriverKit.AppleUserECM","IOProviderClass"="IOUSBHostInt
erface","IOUserServerCDHash"="6f15273dedf7ac34c42fff1200b0195fda28a5c4","IOProbeScore"=0x186a0,"bInterfaceSu
bClass"=0x0,"IOUserServerName"="com.apple.DriverKit.AppleUserECM.data","IOMatchDefer"=Yes,"IOPersonalityPublishe
r"="com.apple.DriverKit.AppleUserECM","bInterfaceProtocol"=0x0,"CFBundleIdentifierKernel"="com.apple.DriverKit.Apple
UserECM","bInterfaceClass"=0xa,"IOUs$
    || || || || | "IOProbeScore" = 0x10d88
    || || || || | "bInterfaceSubClass" = 0x0
    || || || || | "IOMatchedAtBoot" = Yes
    || || || || | "IOUserServerName" = "com.apple.DriverKit.AppleUserECM.data"
    || || || || | "IOMatchDefer" = Yes
    || || || || | "IOMatchCategory" = "IODefaultMatchCategory"
    || || || || | "IOPersonalityPublisher" = "com.apple.DriverKit.AppleUserECM"
    || || || || | "bInterfaceProtocol" = 0x0
    || || || || | "CFBundleIdentifierKernel" = "com.apple.DriverKit.AppleUserECM"
    || || || || | "bInterfaceClass" = 0xa
    || || || || | "IOUserClass" = "AppleUserECMData"
    || || || || | }
    || || || || |
    || || || || | +-o Google Chrome <class AppleUSBHostDeviceUserClient, id 0x100000e84, !registered, !matched,
active, busy 0, retain 7>
    || || || || | {
    || || || || | "IOUserClientCreator" = "pid 626, Google Chrome"
    || || || || | "IOUserClientDefaultLocking" = Yes
    || || || || | }
    || || || || |
    || || || || | +-o AppleUSB30HubPort@00234000 <class AppleUSB30HubPort, id 0x100000795, registered, matched,
active, busy 0 (0 ms), retain 12>
    || || || || | {
    || || || || | "port" = <04000000>
    || || || || | "port-status" = 0x0
    || || || || | "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerSta
teTime"={"kPowerStateOff"="0ms (0%)","kPowerStateSleep"="2690095ms (100%)","kPowerStateOn"="0ms
(0%)","kPowerStateSuspended"="0ms
(0%)"},"kPortStatConnectCount"=0x0,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetC
ount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"
=0x0,"kPortStatOverCurrentCount"=$
    || || || || | "kUSBWakePortCurrentLimit" = 0x384
    || || || || | "kUSBSleepPortCurrentLimit" = 0x384
    || || || || | "kUSBBusCurrentSleepAllocation" = 0x0
    || || || || | "IOGeneralInterest" = "IOCommand is not serializable"
    || || || || | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x10004,"MaxPowerState"=0x3,"DriverPowerState"
=0x0}
    || || || || | "kUSBBusCurrentAllocation" = 0x96
    || || || || | "locationID" = 0x234000
    || || || || | }
    || || || || |
    || || || || | +-o IOUSBHostInterface@0 <class IOUSBHostInterface, id 0x100000791, !registered, !matched, active,
busy 0 (0 ms), retain 8>
    || || || || | {
    || || || || | "USBPortType" = 0x1
    || || || || | "IOCFPluginTypes" = {"2d9786c6-9ef3-11d4-ad51-000a27052861"="IOUSBHostFamily.kext/Contents/
Plugins/IOUSBLib.bundle"}
    || || || || | "USB Vendor Name" = "VIA Labs, Inc."
    || || || || | "bcdDevice" = 0x9054
    || || || || | "USBSpeed" = 0x4
    || || || || | "idProduct" = 0x817
    || || || || | "IOServiceDEXTentitlements" = ({"com.apple.developer.driverkit.transport.usb"})

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    | | | | | "bInterfaceSubClass" = 0x0
    | | | | | "bConfigurationValue" = 0x1
    | | | | | "locationID" = 0x230000
    | | | | | "USB Product Name" = "USB3.0 Hub"
    | | | | | "bInterfaceProtocol" = 0x0
    | | | | | "iInterface" = 0x0
    | | | | | "bAlternateSetting" = 0x0
    | | | | | "idVendor" = 0x2109
    | | | | | "bInterfaceNumber" = 0x0
    | | | | | "bInterfaceClass" = 0x9
    | | | | | "bNumEndpoints" = 0x1
    | | | | | }
    | | | | | }
    | | | | | +-o Google Chrome <class AppleUSBHostDeviceUserClient, id 0x100000e7d, !registered, !matched, active,
busy 0, retain 6>
    | | | | | {
    | | | | |   "IOUserClientCreator" = "pid 626, Google Chrome"
    | | | | |   "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +-o AppleUSB30HubPort@00240000 <class AppleUSB30HubPort, id 0x100000711, registered, matched,
active, busy 0 (19616 ms), retain 16>
    | | | | | {
    | | | | |   "port" = <04000000>
    | | | | |   "port-status" = 0x1401
    | | | | |   "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerStateTime"={"kPowerStateOff"=0ms (0%),"kPowerStateSleep"=0ms (0%),"kPowerStateOn"=2691310ms (100%)}, "kPowerStateSuspended"=0ms (0%), "kPortStatConnectCount"=0x1, "kPortStatRemoteWakeCount"=0x0, "kPortStatEOF2ViolationRecoveryDuringResetCount"=0x0, "kPortStatAddressFailureCount"=0x0, "kPortStatEOF2ViolationCount"=0x0, "kPortStatEnumerationFailureCount"=0x0, "kPortStatOverCurrentCount"=0x0, "k$
    | | | | |   "kUSBWakePortCurrentLimit" = 0x384
    | | | | |   "kUSBSleepPortCurrentLimit" = 0x384
    | | | | |   "kUSBBusCurrentSleepAllocation" = 0x0
    | | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |   "IOPowerManagement" =
{"ChildrenPowerState"=0x3,"DevicePowerState"=0x1,"CurrentPowerState"=0x3,"CapabilityFlags"=0x8000,"MaxPowerState"=0x3,"DriverPowerState"=0x0}
    | | | | |   "kUSBBusCurrentAllocation" = 0xf8
    | | | | |   "locationID" = 0x240000
    | | | | | }
    | | | | | }
    | | | | | +-o USB Station@00240000 <class IOUSBHostDevice, id 0x10000078a, registered, matched, active, busy 0
(19616 ms), retain 31>
    | | | | | {
    | | | | |   "sessionID" = 0x9736ace
    | | | | |   "USBSpeed" = 0x4
    | | | | |   "idProduct" = 0x5601
    | | | | |   "iManufacturer" = 0x1
    | | | | |   "bDeviceClass" = 0xff
    | | | | |   "IOPowerManagement" =
{"PowerOverrideOn"=Yes,"DevicePowerState"=0x2,"CurrentPowerState"=0x2,"CapabilityFlags"=0x8000,"MaxPowerState"=0x2,"DriverPowerState"=0x0}
    | | | | |   "bcdDevice" = 0x1010
    | | | | |   "bMaxPacketSize0" = 0x9
    | | | | |   "iProduct" = 0x2
    | | | | |   "iSerialNumber" = 0x0
    | | | | |   "bNumConfigurations" = 0x1
    | | | | |   "kUSBContainerID" = "2d207069-441e-de4c-8f73-78ec5964eca7"
    | | | | |   "USB Product Name" = "USB Station"
    | | | | |   "locationID" = 0x240000
    | | | | |   "bDeviceSubClass" = 0x0
    | | | | |   "bcdUSB" = 0x310
    | | | | |   "USB Address" = 0x3
    | | | | |   "kUSBCurrentConfiguration" = 0x1
    | | | | |   "IOCFPlugInTypes" = {"9dc7b780-9ec0-11d4-a54f-000a27052861"="IOUSBHostFamily.kext/Contents/
Plugins/IOUSBLib.bundle"}
    | | | | |   "bDeviceProtocol" = 0x0
    | | | | |   "USBPortType" = 0x1
    | | | | |   "IOServiceDEXTentitlements" = ("com.apple.developer.driverkit.transport.usb")
    | | | | |   "IOEXTMatchCount" = 0x1
    | | | | |   "USB Vendor Name" = "MCT Corp."
    | | | | |   "Device Speed" = 0x3
    | | | | |   "idVendor" = 0x711
    | | | | |   "kUSBProductString" = "USB Station"
    | | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |   "kUSBAddress" = 0x3
    | | | | |   "kUSBVendorString" = "MCT Corp."
    | | | | |   "UsbStreamsSupported" = No
    | | | | | }
    | | | | | }
    | | | | | +-o MCTTrigger6 <class IOUserService, id 0x100000b60, registered, matched, active, busy 0 (0 ms), retain
16>
    | | | | | {
    | | | | |   "IOClass" = "IOUserService"
    | | | | |   "SupportsAudio" = Yes
    | | | | |   "IOUserClass" = "MCTTrigger6"
    | | | | |   "IOUserServerName" = "tw.com.mct.mcttriggerdriver.driver.MCTTrigger6"
    | | | | |   "idProductMask" = 0xffe0
    | | | | |   "IOPersonalityPublisher" = "tw.com.mct.mcttriggerdriver.Trigger6Dext"
    | | | | |   "idProduct" = 0x5600
    | | | | |   "AudioUserClient" = {"IOClass"="IOUserUserClient","IOUserClass"="MCTTrigger6AudioClient"}
    | | | | |   "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x2,"CurrentPowerState"=0x2}
    | | | | |   "IOProviderClass" = "IOUSBHostDevice"
    | | | | |   "AudioProductString" = "USB Audio Device"
    | | | | |   "VideoUserClient" = {"IOClass"="IOUserUserClient","IOUserClass"="MCTTrigger6VideoClient"}
    | | | | |   "IOProbeScore" = 0x15d9c
    | | | | |   "IOUserServerCDHash" = "7ce742f057a863d8428201dc6ecf99bf18ca37eb"
    | | | | |   "DextVersion" = 0x2
    | | | | |   "IOMatchedPersonality" =
{"IOClass"="IOUserService","CFBundleIdentifier"="tw.com.mct.mcttriggerdriver.Trigger6Dext","IOProviderClass"="IOUSBH
ostDevice","IOUserServerCDHash"="7ce742f057a863d8428201dc6ecf99bf18ca37eb","AudioUserClient"={"IOClass"="IOU
serUserClient","IOUserClass"="MCTTrigger6AudioClient"},"idProductMask"=0xffe0,"idProduct"=0x5600,"IOUserServerNa
me"="tw.com.mct.mcttriggerdriver.driver.MCTTrigger6"},"VideoUserClient"={"IOClass"="IOUserUserClient","IOUserClass"=
"MCTTrigger6VideoClient"},"idVendor"=0x711,$
    | | | | |   "Device Version" = {"Image Code"=0x20050401,"HW Platform"=0x1,"PRJCode"="D9058HV","Command
set version"=0x8,"Boot Code"=0x160628b9}
  }
```

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    | | | | | "CFBundleIdentifierKernel" = "com.apple.kpi.iokit"
    | | | | | "Audio Interface Setting Supported" = No
    | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | "CFBundleIdentifier" = "tw.com.mct.mcttriggerdriver.Trigger6Dext"
    | | | | | "idVendor" = 0x711
    | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | "buildtime" = "Feb 9 2022 23:06:41"
    | | | | | }
    | | | | | }
    | | | | | +-o MCTTrigger6VideoClient <class IOUserUserClient, id 0x100000dd6, !registered, !matched, active,
busy 0, retain 8>
    | | | | | {
    | | | | |   "IOClass" = "IOUserUserClient"
    | | | | |   "IOUserClientDefaultLocking" = Yes
    | | | | |   "IOUserClientCreator" = "pid 352, MCTTriggerDriver"
    | | | | |   "IOUserClass" = "MCTTrigger6VideoClient"
    | | | | | }
    | | | | | }
    | | | | | +-o MCTTrigger6AudioClient <class IOUserUserClient, id 0x100000dd7, !registered, !matched, active,
busy 0, retain 7>
    | | | | | {
    | | | | |   "IOClass" = "IOUserUserClient"
    | | | | |   "IOUserClientDefaultLocking" = Yes
    | | | | |   "IOUserClientCreator" = "pid 857, com.apple.audio."
    | | | | |   "IOUserClass" = "MCTTrigger6AudioClient"
    | | | | | }
    | | | | | }
    | | | | | +-o IOUSBHostInterface@0 <class IOUSBHostInterface, id 0x100000dd2, !registered, !matched, active,
busy 0, retain 11>
    | | | | | {
    | | | | |   "USBPortType" = 0x1
    | | | | |   "IOCFPlugInTypes" = {"2d9786c6-9ef3-11d4-ad51-000a27052861"="IOUSBHostFamily.kext/Contents/
Plugins/IOUSBLib.bundle"}
    | | | | |   "USB Vendor Name" = "MCT Corp."
    | | | | |   "bcdDevice" = 0x1010
    | | | | |   "USBSpeed" = 0x4
    | | | | |   "idProduct" = 0x5601
    | | | | |   "IOServiceDEXTentitlements" = (("com.apple.developer.driverkit.transport.usb"))
    | | | | |   "bInterfaceSubClass" = 0x0
    | | | | |   "bConfigurationValue" = 0x1
    | | | | |   "locationID" = 0x240000
    | | | | |   "USB Product Name" = "USB Station"
    | | | | |   "bInterfaceProtocol" = 0x0
    | | | | |   "iInterface" = 0x0
    | | | | |   "bAlternateSetting" = 0x0
    | | | | |   "idVendor" = 0x711
    | | | | |   "bInterfaceNumber" = 0x0
    | | | | |   "bInterfaceClass" = 0xff
    | | | | |   "bNumEndpoints" = 0x3
    | | | | | }
    | | | | | }
    | | | | | +-o Google Chrome <class AppleUSBHostDeviceUserClient, id 0x100000e7c, !registered, !matched, active,
busy 0, retain 7>
    | | | | | {
    | | | | |   "IOUserClientCreator" = "pid 626, Google Chrome"
    | | | | |   "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | }
    | | | | | +-o AppleUSB30HubPort@00210000 <class AppleUSB30HubPort, id 0x100000712, registered, matched,
active, busy 0 (0 ms), retain 12>
    | | | | | {
    | | | | |   "port" = <01000000>
    | | | | |   "port-status" = 0x0
    | | | | |   "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerSta
teTime"={"kPowerStateOff"=0ms (0%),"kPowerStateSleep"=2690642ms (100%),"kPowerStateOn"=0ms
(0%)},,"kPowerStateSuspended"=0ms
(0%)},,"kPortStatConnectCount"=0x0,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetC
ount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"
=0x0,"kPortStatOverCurrentCount"=0x0,"k$
    | | | | |   "kUSBWakePortCurrentLimit" = 0x384
    | | | | |   "kUSBSleepPortCurrentLimit" = 0x384
    | | | | |   "kUSBBusCurrentSleepAllocation" = 0x0
    | | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x10004,"MaxPowerState"=0x3,"DriverPowerState"
=0x0}
    | | | | |   "kUSBBusCurrentAllocation" = 0x96
    | | | | |   "locationID" = 0x210000
    | | | | | }
    | | | | | }
    | | | | | +-o AppleUSB30HubPort@00220000 <class AppleUSB30HubPort, id 0x100000713, registered, matched,
active, busy 0 (0 ms), retain 12>
    | | | | | {
    | | | | |   "port" = <02000000>
    | | | | |   "port-status" = 0x0
    | | | | |   "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerSta
teTime"={"kPowerStateOff"=0ms (0%),"kPowerStateSleep"=2690788ms (100%),"kPowerStateOn"=0ms
(0%)},,"kPowerStateSuspended"=0ms
(0%)},,"kPortStatConnectCount"=0x0,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetC
ount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"
=0x0,"kPortStatOverCurrentCount"=0x0,"k$
    | | | | |   "kUSBWakePortCurrentLimit" = 0x384
    | | | | |   "kUSBSleepPortCurrentLimit" = 0x384
    | | | | |   "kUSBBusCurrentSleepAllocation" = 0x0
    | | | | |   "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x10004,"MaxPowerState"=0x3,"DriverPowerState"
=0x0}
    | | | | |   "kUSBBusCurrentAllocation" = 0x96
    | | | | |   "locationID" = 0x220000
    | | | | | }
    | | | | | }
    | | | | | +-o IOUSBHostInterface@0 <class IOUSBHostInterface, id 0x10000070f, !registered, !matched, active, busy 0
(0 ms), retain 8>
    | | | | | {
    | | | | |   "USBPortType" = 0x0

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    | | | | "IOCFPlugInTypes" = {"2d9786c6-9ef3-11d4-ad51-000a27052861"="IOUSBHostFamily.kext/Contents/  
Plugins/IOUSBLib.bundle"}  
    | | | | "USB Vendor Name" = "VIA Labs, Inc."  
    | | | | "USB Serial Number" = "DEF0123456789ABC"  
    | | | | "bcdDevice" = 0x3c3  
    | | | | "USBSpeed" = 0x4  
    | | | | "idProduct" = 0x817  
    | | | | "IOServiceDEXTitlements" = (("com.apple.developer.driverkit.transport.usb"))  
    | | | | "bInterfaceSubClass" = 0x0  
    | | | | "bConfigurationValue" = 0x1  
    | | | | "locationID" = 0x200000  
    | | | | "USB Product Name" = "USB3.0 Hub"  
    | | | | "bInterfaceProtocol" = 0x0  
    | | | | "iInterface" = 0x0  
    | | | | "bAlternateSetting" = 0x0  
    | | | | "idVendor" = 0x2109  
    | | | | "bInterfaceNumber" = 0x0  
    | | | | "bInterfaceClass" = 0x9  
    | | | | "bNumEndpoints" = 0x1  
    | | | | }  
    | | | | }  
    | | | | +-o Google Chrome <class AppleUSBHostDeviceUserClient, id 0x100000e7a, !registered, !matched, active,  
busy 0, retain 6>  
    | | | | {  
    | | | |     "IOUserClientCreator" = "pid 626, Google Chrome"  
    | | | |     "IOUserClientDefaultLocking" = Yes  
    | | | | }  
    | | | | }  
    | | | | +-o AppleT8103USBXDCI@0 <class AppleT8103USBXDCI, id 0x1000002c8, registered, matched, active, busy 0 (8  
ms), retain 21>  
    | | | | {  
    | | | |     "IOClass" = "AppleT8103USBXDCI"  
    | | | |     "IOPlatformPanicAction" = 0x3e8  
    | | | |     "IOPersonalityPublisher" = "com.apple.driver.AppleUSBXDCIARM"  
    | | | |     "IOMatchedAtBoot" = Yes  
    | | | |     "ConfigurationType" = "ncmAuxBringup"  
    | | | |     "IOProviderClass" = "AppleARMIODevice"  
    | | | |     "DeviceDescription" = {"productString"="MacBook Pro", "deviceClass"=0x0, "manufacturerString"="Apple  
Inc.", "deviceID"=0x1701, "productID"=0x1902, "vendorID"=0x5ac, "deviceSubClass"=0x0, "Attributes"=0xc0, "deviceProtocol"  
=0x0, "MaxPower"=0xffffffffffff, "ConfigurationDescriptors"={"Attributes"=0xe0, "Interfaces"={"AppleUSBNCMControl",  
AppleUSBNCMData", "AppleUSBNCMControlAux", "AppleUSBNCMDataAux"}, "MaxPower"=0x0}}  
    | | | |     "IOProbeScore" = 0x0  
    | | | |     "CreatedTimestamp" = 0x864bafc  
    | | | |     "CurrentState" =  
{ "DeviceAddress"=0x0, "DeviceState"=0x0, "DefaultPreferredConfiguration"=0x1, "ConnectionSpeed"=0x0, "PreferredConfig  
uration"=0x1, "LinkState"=0x0, "RemoteWakeEnabled"=No, "SelectedConfiguration"=0x0}  
    | | | |     "IONameMatch" = "usb-drd,t8103"  
    | | | |     "FinalizedDurationMS" = 0x6  
    | | | |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBXDCIARM"  
    | | | |     "ScatterGatherSupport" = Yes  
    | | | |     "IOMatchCategory" = "usb-device"  
    | | | |     "CFBundleIdentifier" = "com.apple.driver.AppleUSBXDCIARM"  
    | | | |     "IONameMatched" = "usb-drd,t8103"  
    | | | |     "DefaultDeviceDescription" = {"productString"="MacBook  
Pro", "deviceClass"=0x0, "manufacturerString"="Apple  
Inc.", "deviceID"=0x1701, "productID"=0x1902, "vendorID"=0x5ac, "deviceSubClass"=0x0, "Attributes"=0xc0, "deviceProtocol"  
=0x0, "MaxPower"=0xffffffffffff}  
    | | | |     "MapperPageSize" = 0x4000  
    | | | |     "FinalizedTimestamp" = 0x86747fa  
    | | | | }  
    | | | | }  
    | | | | +-o IOUSBDeviceConfigurator <class IOUSBDeviceConfigurator, id 0x1000005d4, !registered, !matched, active,  
busy 0, retain 4>  
    | | | | {  
    | | | |     "IOPropertyMatch" = {"ConfigurationType"="ncmAuxBringup"}  
    | | | |     "CFBundleIdentifier" = "com.apple.iokit.IOUSBDeviceFamily"  
    | | | |     "IOProviderClass" = "IOUSBDeviceController"  
    | | | |     "IOClass" = "IOUSBDeviceConfigurator"  
    | | | |     "IOPersonalityPublisher" = "com.apple.iokit.IOUSBDeviceFamily"  
    | | | |     "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBDeviceFamily"  
    | | | |     "IOProbeScore" = 0x0  
    | | | |     "DeviceDescription" =  
{ "ConfigurationDescriptors"={"Attributes"=0xe0, "Interfaces"={"AppleUSBNCMControl", "AppleUSBNCMData", "AppleUSBN  
CMControlAux", "AppleUSBNCMDataAux"}, "MaxPower"=0x0}}  
    | | | |     "IOMatchedAtBoot" = Yes  
    | | | |     "IOMatchCategory" = "IODefaultMatchCategory"  
    | | | | }  
    | | | | }  
    | | | | +-o AppleUSBNCMControl@0 <class IOUSBDeviceInterface, id 0x1000005d6, registered, matched, active, busy 0  
(6 ms), retain 9>  
    | | | | {  
    | | | |     "IOCFPlugInTypes" = {"9E72217E-8A60-11DB-BF57-000D936D06D2"="IOUSBDeviceFamily.kext/Plugins/  
IOUSBDeviceLib.plugin"}  
    | | | |     "IsActive" = No  
    | | | |     "StartedTimestamp" = 0x864bba7  
    | | | |     "IOUserClientClass" = "IOUSBDeviceInterfaceUserClient"  
    | | | |     "USBDeviceFunction" = "AppleUSBNCMControl"  
    | | | |     "FinalizedTimestamp" = 0x86673b7  
    | | | |     "FinalizedDurationMS" = 0x4  
    | | | | }  
    | | | | }  
    | | | | +-o AppleUSBDeviceNCMControl@0 <class AppleUSBDeviceNCMControl, id 0x1000005ef, registered, matched,  
active, busy 0 (1 ms), retain 7>  
    | | | | {  
    | | | |     "IOPropertyMatch" = {"USBDeviceFunction"="AppleUSBNCMControl"}  
    | | | |     "CFBundleIdentifier" = "com.apple.driver.AppleUSBDeviceNCM"  
    | | | |     "IOProviderClass" = "IOUSBDeviceInterface"  
    | | | |     "IOClass" = "AppleUSBDeviceNCMControl"  
    | | | |     "IOPersonalityPublisher" = "com.apple.driver.AppleUSBDeviceNCM"  
    | | | |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBDeviceNCM"  
    | | | |     "IOProbeScore" = 0x0  
    | | | |     "IOMatchedAtBoot" = Yes  
    | | | |     "IOMatchCategory" = "IODefaultMatchCategory"  
    | | | | }  
    | | | | }  
    | | | | +-o AppleUSBNCMData@1 <class IOUSBDeviceInterface, id 0x1000005d7, registered, matched, active, busy 0 (7  
ms), retain 9>  
    | | | | {
```



```
    || +-o atc-phy1@2A90000 <class AppleARMIODevice, id 0x100001b8, registered, matched, active, busy 0 (340 ms),
retain 9>
    || ||{
    || || "tunable_CIO_LN1_AUSPMA_RX_SHM" =
<1c000020ff0ffc07210cc0012400002000c0000000c00000280000200006000000600002c000020700000005000000
0380000200000801f000000133c0000200000007000000075c0000200004000000040000840000201f7c0000156800
008c00002000001c0000010001c000020ff0ffc07210cc0012400002000c000000c00000280000200006000000600
002c0000207000000050000000380000200000801f000000133c0000200000007000000075c000020000400000004
000084000020e0830f0a0020d0008c0000200001c0000001000>
    || || "function-dock_parent" = <1e01000050636361>
    || || "tunable_ATC0AXI2AF" =
<00000020030000000000000030000020ffffff000034000020ffffff000000040020ff030140010001400006002
0ffffff01ff00138070020ff01ff014000400098070020ff01ff01200060000080020001000000100000090020030000
00000000020090020030000000000000>
    || || "tunable_CIO_LN0_AUSPMA_TX_TOP" =
<0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202
0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202>
    || || "tunable_CIO_LN1_AUSPMA_TX_TOP" =
<0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202
0800002000fc0000006c000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202>
    || || "tunable-host" = <000000008000000070000000700000>
    || || "tunable_CIO3PLL_TOP" =
<10000020ffffff040a0a0a88000020ff0100002701000094000020ff01000015010000>
    || || "tunable_CIO_ACIOPHY_TOP" = <>
    || || "tunable_CIO_LN0_AUSPMA_RX_TOP" =
<000000200000007e0000001e1400002000800000000000002c0000203ffff64f3ffa04a300000200c0ff110400001140
00020000003000000000680000203800000018000000740000203f0000003e0000084000020eff1f000a4000008
8000020ff3f000024120000ac0000200801f0000000400ec000020cffff0000080004010020ffff000020200008010
020300000000000010010020f0ffff0f2022220218010020020000000000000000200000007e000001e140000
200080000000000002c0000203ffff64f3ffa04a300000200c0ff1104000011400000200000300000000068000020
3800000018$
    || || "tunable_CIO_LN1_AUSPMA_RX_TOP" =
<000000200000007e0000001e1400002000800000000000002c0000203ffff64f3ffa04a300000200c0ff110400001140
00020000003000000000680000203800000018000000740000203f0000003e0000084000020eff1f000a4000008
8000020ff3f000024120000ac0000200801f0000000400ec000020cffff0000080004010020ffff000020200008010
020300000000000010010020f0ffff0f2022220218010020020000000000000000200000007e000001e140000
200080000000000002c0000203ffff64f3ffa04a300000200c0ff1104000011400000200000300000000068000020
3800000018$
    || || "tunable_CIO_CIO3PLL_TOP" = <>
    || || "tunable_USB_LN0_AUSPMA_RX_EQ" = <>
    || || "tunable_USB_LN0_AUSPMA_RX_SHM" =
<1c000020ff0ffc07210cc0012400002000c0000000c00000280000200006000000600002c000020700000005000000
0380000200800801f080000133c00002000000070000000780000020ffffff50858000840000201f7c0031c7000028
80000203ff0033f200002208c000020c00f0000000800001c000020ff0ffc07210cc0012400002000c000000c0000028
00002000060000000600002c0000207000000050000000380000200800801f080000133c00002000000070000007
80000020ffffff5085800084000020e083ff0380030e02880000203ff0033f200002208c000020c00f000000080000>
    || || "tunable_USB_LN1_AUSPMA_RX_SHM" =
<1c000020ff0ffc07210cc0012400002000c0000000c00000280000200006000000600002c000020700000005000000
0380000200800801f080000133c00002000000070000000780000020ffffff50858000840000201f7c0031c7000028
80000203ff0033f200002208c000020c00f0000000800001c000020ff0ffc07210cc0012400002000c000000c0000028
00002000060000000600002c0000207000000050000000380000200800801f080000133c00002000000070000007
80000020ffffff5085800084000020e083ff0380030e02880000203ff0033f200002208c000020c00f000000080000>
    || || "tunable_ATC_FABRIC" =
<040000203f003f0020002000c000020f1000000a100000100000201f8000004000000180000203f003f002000200
02000020f1000000a1000000240000201f80000040000002c0000207f007f005200520034000020f10000007100000
03800002001000000010000003c0000200100000001000000400000001000000201f8000004000000480000201f000000100000
00500000201f80000004000000580000207f007f004500450060000020f100000051000000640000201f800000040000
0006c0000203f0000002000000740000201f80000040000007c00002001000000100000800000201f8000000400
000880000201f001f00100010008c000$
    || || "tunable_USB_ACIOPHY_TOP" =
<18010020ffffffe6ab46841c010020ffffff8708081824010020ffffff0a6400018010020ffffffe6ab46841c010020ffffff
f8708081824010020ffffff0a64000>
    || || "tunable_USB_LN0_AUSPMA_TX_TOP" =
<0800002000fc0000006c000018000020c0ffff1f808101031c000020ff070000a005000030000020c03f0000002a00008
0000200000f80000018008c000020f0ffff0f202222020800002000fc0000006c000018000020c0ffff1f808101031c000
020ff070000a005000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202>
    || || "tunable_USB_LN1_AUSPMA_TX_TOP" =
<0800002000fc0000006c000018000020c0ffff1f808101031c000020ff070000a005000030000020c03f0000002a00008
0000200000f80000018008c000020f0ffff0f202222020800002000fc0000006c000018000020c0ffff1f808101031c000
020ff070000a005000030000020c03f0000002a0000800000200000f800000018008c000020f0ffff0f20222202>
    || || "tunable_USB_LN1_AUSPMA_RX_EQ" = <>
    || || "clock-gates" = <5e010000e2000000>
    || || "tunable_USB_LN0_AUSPMA_RX_TOP" =
<000000200000007e0000003e140000200080000000000002c0000200f0ff0200f0fa020300000200031ff000000ff00
40000020000030000000000440000200000030000000300680000203800000018000000740000203f0000003e000
000840000200eff1f000a40000088000020ff3f000024120000ac0000200801f0000000400dc000020ffffff8ac428cce
c000020cffff04260000f4000020ffffff50062803fc0000201f7c0000041000004010020ffff00000202000008010020
030000000000000010010020f0ffff0f20222202000000200000007e0000003e140000200080000000000002c000020
0f0ff0200f$
    || || "tunable_AUS_CMN_SHM" = <0000002000fc030000c00300>
    || || "tunable_CIO3PLL_CORE" =
<0000002022000000220000001c000020007000000020000020000020070002000300020028000020100000001000
0009c000020000002000000000>
    || || "tunable_CIO_LN0_AUSPMA_RX_EQ" =
<480000200f000000200000050000020ff0f0000ff0f000054000020f000000020000005c000020ff0f0000ff0f00007
c000020ff0f0000ff070000980000203f0000003f000000bc0000200000c07f00000003480000200f00000020000005
000020ff0f0000ff0f000054000020f000000020000005c000020ff0f0000ff0f00007c000020ff0f0000ff07000098000
0203f0000003f000000bc0000200000c07f00000003>
    || || "tunable_USB_LN1_AUSPMA_RX_TOP" =
<000000200000007e0000003e140000200080000000000002c0000200f0ff0200f0fa020300000200031ff000000ff00
40000020000030000000000440000200000030000000300680000203800000018000000740000203f0000003e000
000840000200eff1f000a40000088000020ff3f000024120000ac0000200801f0000000400dc000020ffffff8ac428cce
c000020cffff04260000f4000020ffffff50062803fc0000201f7c0000041000004010020ffff00000202000008010020
030000000000000010010020f0ffff0f20222202000000200000007e0000003e140000200080000000000002c000020
0f0ff0200f$
    || || "IODeviceMemory" = ({("address"=0x502a90000,"length"=0x4000)},
{"address"=0x502800000,"length"=0x4000}),{"address"=0x503020000,"length"=0x4000}),
{"address"=0x503000000,"length"=0x4000}),{"address"=0x503002000,"length"=0x4000}),
{"address"=0x503002200,"length"=0x4000}),{"address"=0x503002800,"length"=0x4000}),
{"address"=0x503002a00,"length"=0x4000}),{"address"=0x503007000,"length"=0x4000}),
{"address"=0x503000a00,"length"=0x4000}),{"address"=0x503000800,"length"=0x4000}),
{"address"=0x50300d000,"length"=0x4000}),{"address$
    || || "tunable_CIO_LN1_AUSPMA_RX_EQ" =
<480000200f000000200000050000020ff0f0000ff0f000054000020f000000020000005c000020ff0f0000ff0f00007
c000020ff0f0000ff070000980000203f0000003f000000bc0000200000c07f00000003480000200f00000020000005
000020ff0f0000ff0f000054000020f000000020000005c000020ff0f0000ff0f00007c000020ff0f0000ff07000098000
0203f0000003f000000bc0000200000c07f00000003>
    || || "AAPL,phandle" = <b90000000>
```

```
    || || "name" = <6174632d7068793100>
    || || "tunable_DP_LN1_AUSPMA_TX_TOP" =
<0800002000fc000006c00003000020c03f0000002a0000800000200000f800000018008c000020f0fff0f20222202
>
    || || "tunable-device" = <00000000800000000700000000000000>
    || || "tunable_AUS_CMN_TOP" = <08000020f00fff0f200222202>
    || || "instance" = <01000000>
    || || "tunable_AUSPLL_CORE" =
<2c00002000090000000900007800002000000080000000a40000200100000001000000>
    || || "device_type" = <6174632d70687900>
    || || "compatible" = <6174632d7068792c743831303300>
    || || "port-type" = <02000000>
    || || "tunable_DP_LNO_AUSPMA_TX_TOP" =
<0800002000fc000006c00003000020c03f0000002a0000800000200000f800000018008c000020f0fff0f20222202
>
    || || "reg" =
<0000a9020500000004000000000000000800205000000040000000000000000203050000000040000000
000000000000305000000004000000000000000200003050000000040000000000000022000305000000004000
000000000002800030500000000400000000000002a0003050000000040000000000000070000305000000004
0000000000000000a00030500000004000000000000000000000000000000000000000000000000000000000000
000400000000000000400103050000000400000000000000c00003050000000400000000000000000300103050
00000004000000000000000b0000305000000040000000000000020010305000$
    || || "port-number" = <02000000>
    || || "tunable_AUSPLL_TOP" =
<8800002000000f0000000600940000200000f000000600a00000200000f000000500ac0000200000f0000000
500b800002000000f0000000500>
    || || "tunable_CIO_LNO_AUSPMA_RX_SHM" =
<1c000020ff0fc07210cc001240000200c000000c00000280000200006000000600002c000020700000005000000
0380000200000801f000000133c00002000000007000000075c0000200004000000040000840000201f7c0000156800
008c00002000001c00000010001c000020ff0fc07210cc001240000200c0000000c000002800002000060000000600
002c0000207000000050000000380000200000801f000000133c0000200000007000000075c000020000400000004
000084000020e0830f00a0020d008c00002000001c0000001000>
    || || }
    || || }
    || | +-o AppleT8103TypeCPhy@1 <class AppleT8103TypeCPhy, id 0x100002b9, registered, matched, active, busy 0
(0 ms), retain 21>
    || | {
    || |   "IOProbeScore" = 0x2710
    || |   "CFBundleIdentifier" = "com.apple.driver.AppleT8103TypeCPhy"
    || |   "IOProviderClass" = "AppleARMIODevice"
    || |   "IOClass" = "AppleT8103TypeCPhy"
    || |   "IOPersonalityPublisher" = "com.apple.driver.AppleT8103TypeCPhy"
    || |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8103TypeCPhy"
    || |   "IOMatchedAtBoot" = Yes
    || |   "IONameMatch" = "atc-phy,t8103"
    || |   "IOMatchCategory" = "IODefaultMatchCategory"
    || |   "IONameMatched" = "atc-phy,t8103"
    || |   "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    || | }
    || | }
    || | +-o dart-usb1@2F0000 <class AppleARMIODevice, id 0x100001b9, registered, matched, active, busy 0 (222 ms),
retain 9>
    || | {
    || |   "IOInterruptSpecifiers" = (<5d030000>)
    || |   "clock-gates" = <4301000043010000>
    || |   "AAPL,phandle" = <ba000000>
    || |   "protection-granularity" = <10000000>
    || |   "instance" = <54524144444152544c4c540054524144444152544424c4b00>
    || |   "IODeviceMemory" = ({("address"=0x502f0000,"length"=0x4000)),
({("address"=0x502f8000,"length"=0x4000))}
    || |   "dart-tunables-instance-1" =
<60000000040000000061008000000000061008000000000006100800000000040000000f0f0f0000000000f0f0f00000000
006c000000004000000fffff00000000000808080000000000>
    || |   "remap" = <00010000>
    || |   "dart-options" = <07000000>
    || |   "tlb-invalid-refetch" = <>
    || |   "IOReportLegendPublic" = Yes
    || |   "IOInterruptControllers" = ("IOInterruptController00000070")
    || |   "name" = <646172742d7573623100>
    || |   "interrupt-parent" = <70000000>
    || |   "compatible" = <646172742c743830323000>
    || |   "page-size" = <00400000>
    || |   "interrupts" = <5d030000>
    || |   "diag-config" = <00210080>
    || |   "vm-base" = <00000000>
    || |   "dart-tunables-instance-0" =
<600000000400000000610080000000000610080000000000610080000000040000000f0f0f0000000000f0f0f00000000
006c000000004000000fffff00000000000808080000000000>
    || |   "error-reflector" = <00c0ff3c02000000>
    || |   "device_type" = <6461727400>
    || |   "IOReportLegend" = ({("IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=({(0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)"})),"IORepo$
    || |   "reg" = <0000f002050000000400000000000000f802050000000400000000000000>
    || |   "sids" = <0b000000>
    || | }
    || | }
    || | }
    || | +-o AppleT8020DART <class AppleT8020DART, id 0x10000324, registered, matched, active, busy 0 (36 ms),
retain 21>
    || | {
    || |   "IOClass" = "AppleT8020DART"
    || |   "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
    || |   "IOProviderClass" = "AppleARMIODevice"
    || |   "IOFunctionParent000000BA" = <>
    || |   "IOPlatformActiveAction" = 0x13880
    || |   "IOUserClientClass" = "IODARTClient"
    || |   "IOPlatformSleepAction" = 0x13880
    || |   "IOProbeScore" = 0x0
    || |   "IONameMatch" = "dart,t8020"
    || |   "IOMatchedAtBoot" = Yes
    || |   "IOMatchCategory" = "IODefaultMatchCategory"
    || |   "IONameMatched" = "dart,t8020"
    || |   "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
    || |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
```

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| | | "iommu-dart-identity" = <ba000000>
| | | }
| | | }
| | | }
| | | +-o mapper-usb1@1 <class IODARTMapperNub, id 0x1000001ba, registered, matched, active, busy 0 (36 ms),
retain 8>
| | | |{
| | | | "reg" = <01000000>
| | | | "compatible" = <696f6d6d752d6d617070657200>
| | | | "allow-subpage-mapping" = <>
| | | | "dead-mappings" = <00000000000000000400000000000000>
| | | | "device_type" = <646172742d6d617070657200>
| | | | "AAPL,phandle" = <bb000000>
| | | | "name" = <6d61707065722d7573623100>
| | | | }
| | | | }
| | | +-o IODARTMapper <class IODARTMapper, id 0x1000003b8, registered, matched, active, busy 0 (2 ms), retain
172>
| | | | {
| | | | "IOClass" = "IODARTMapper"
| | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
| | | | "IOProviderClass" = "IODARTMapperNub"
| | | | "iommu-dart-translation" = Yes
| | | | "IOUserClientClass" = "IODARTMapperClient"
| | | | "IOProbeScore" = 0x0
| | | | "IONameMatch" = "iommu-mapper"
| | | | "IOMatchedAtBoot" = Yes
| | | | "IOMatchCategory" = "IODefaultMatchCategory"
| | | | "IONameMatched" = "iommu-mapper"
| | | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
| | | | "IOMapperID" = <bb000000>
| | | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
| | | | }
| | | }
| | +-o usb-drd1@2280000 <class AppleARMIODevice, id 0x1000001bb, registered, matched, active, busy 0 (375 ms),
retain 15>
| | | |{
| | | | "host-mac-address" = <a07817745b43>
| | | | "usb-stream-policy" = <02000000>
| | | | "usb-tier-limit" = <06000000>
| | | | "function-dock_parent" = <1e01000050636361>
| | | | "atc-phy-parent" = <b9000000>
| | | | "tunable_setting" = <640100000000000020000000000000000000000000000000>
| | | | "interrupt-parent" = <70000000>
| | | | "ncm-self-name-unit" = <01000000>
| | | | "interrupts" = <590300005a0300005b0300005c03000030030000>
| | | | "ncm-interrupt-ep-disabled" = <01000000>
| | | | "iommu-parent" = <bb000000>
| | | | "usb-port-current-sleep-limit" = <b80b0000>
| | | | "bus-number" = <01000000>
| | | | "clock-gates" = <050100005a010000>
| | | | "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControll
r00000070","IOInterruptController00000070")
| | | | "ncm-control-ecid-mac" = <02000000>
| | | | "acio-parent" = <61000000>
| | | | "built-in" = <>
| | | | "tunable" =
<000000004c100000ef0100002f0000000000002cc10000ff070a00c8000a00000000064c1000020000000000000
00000000000c200000000002000000020100000018000000ff0000001b000000030000002000000000f00000070
0000700000001c0000003f003f0020002000070000000200000001f800000040000000700000028000000010000000100
0000700000002c000000010000000100000007000000300000001f8000000400000008000000200000000000f07f00
00904e080000002400000000801f0000800b00>
| | | | "tunable_AUSBC_BULK_FABRIC" =
<1c000000000000003f003f000000000020002000000000000001f8000000000000400000000000>
00028000000000000001000000000000010000000000002c000000000000100000000000010000000000000100000000
000003000000000000001f800000000000040000000000000>
| | | | "IODeviceMemory" = ({"address"=0x50228000,"length"=0x11800}),
({"address"=0x50220000,"length"=0x4000}),({"address"=0x50228c00,"length"=0x1800}),
({"address"=0x502a8400,"length"=0x4000}),({"address"=0x50280000,"length"=0x4000}),
({"address"=0x502a8000,"length"=0x4000}),({"address"=0x50200000,"length"=0x4000}),
({"address"=0x50208000,"length"=0x4000}),({"address"=0x50228d00,"length"=0x4000})
| | | | "AAPL,phandle" = <bc000000>
| | | | "name" = <7573622d6472643100>
| | | | "configuration-string" = <6e636d4175784272696e67757000>
| | | | "device-mac-address" = <000000000000>
| | | | "device_type" = <7573622d64726400>
| | | | "compatible" = <7573622d6472642c743831303300>
| | | | "port-type" = <02000000>
| | | | "tunable_AUSBC_CTLREG" = <f000000000000001f0000000000000000000000000000>
| | | | "IOReportLegendPublic" = Yes
| | | | "reg" =
<000028020500000000180100000000000020020500000004000000000000c028020500000001800000000
00000040a802050000000400000000000000000000800205000000040000000000000a8020500000004000000
0000000000002050000000400000000000000080020500000004000000000000d0280205000000040
000000000000>
| | | | "port-number" = <02000000>
| | | | "usb-restore-disable" = <>
| | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)" ),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)" ),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
| | | | "tunable_ATC_LINK_REGS" =
<2000000000000000f07f0000000000904e0000000240000000000000801f0000000000800b00000000
000>
| | | | "usb-port-current-wake-limit" = <b80b0000>
| | | | "IOInterruptSpecifiers" = (<59030000>,<5a030000>,<5b030000>,<5c030000>,<30030000>)
| | | | }
| | | | }
| | +-o AppleT8103USBXHCI@01000000 <class AppleT8103USBXHCI, id 0x100000322, registered, matched, active,
busy 0 (5 ms), retain 39>
| | | |{
| | | | "IOClass" = "AppleT8103USBXHCI"
| | | | "kUSBSleepPortCurrentLimit" = 0xbb8
| | | | "IOPersonalityPublisher" = "com.apple.driver.usb.AppleSynopsysUSB40XHCI"
| | | | "IOMatchedAtBoot" = Yes
| | | | "IOPowerManagement" =

```

```
{"ChildrenPowerState"=0x0,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=
0x3,"DriverPowerState"=0x0}
  || ||| "IOProviderClass" = "AppleARMIODevice"
  || ||| "IOProbeScore" = 0x2711
  || ||| "locationID" = 0x1000000
  || ||| "kUSBWakePortCurrentLimit" = 0xbb8
  || ||| "IONameMatch" = "usb-drd,t8103"
  || ||| "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleSynopsysUSB40XHCI"
  || ||| "UsbHostControllerDeferRegisterService" = Yes
  || ||| "IOMatchCategory" = "usb-host"
  || ||| "CFBundleIdentifier" = "com.apple.driver.usb.AppleSynopsysUSB40XHCI"
  || ||| "Revision" = <0103>
  || ||| "IONameMatched" = "usb-drd,t8103"
  || ||| "UsbHostControllerStreamPolicy" = 0x2
  || ||| "UsbHostControllerTierLimit" = 0x6
  || ||| "controller-statistics" =
{"kControllerStatIOCount"=0x0,"kControllerStatPowerStateTime"={"kPowerStateOff"="2691903ms
(99%)","kPowerStateSleep"="0ms (0%)","kPowerStateOn"="2ms (0%)","kPowerStateSuspended"="0ms
(0%)"},"kControllerStatSpuriousInterruptCount"=0x0}
  || ||| "kUSBSleepSupported" = Yes
  || ||| }
  || ||| }
  || ||| }
  || ||| +-o usb-drd1-port-hs@01100000 <class AppleUSB20XHCITYPECPort, id 0x1000001bc, registered, matched,
active, busy 0 (3 ms), retain 11>
  || ||| {
  || ||| "usb-c-port-number" = <02000000>
  || ||| "kUSBSleepPortCurrentLimit" = 0xbb8
  || ||| "AAPL,phandle" = <bd000000>
  || ||| "kUSBWakePortCurrentLimit" = 0xbb8
  || ||| "IOPowerManagement" =
{"PowerOverrideOn"=Yes,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x100,"MaxPowerState"=
0x3,"DriverPowerState"=0x0}
  || ||| "IOGeneralInterest" = "IOCommand is not serializable"
  || ||| "locationID" = 0x1100000
  || ||| "device_type" = <7573622d647264312d706f72742d687300>
  || ||| "kUSBBusCurrentSleepAllocation" = 0x0
  || ||| "port-type" = <04000000>
  || ||| "port-status" = 0x0
  || ||| "kUSBBusCurrentAllocation" = 0x0
  || ||| "UsbCPortNumber" = 0x2
  || ||| "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerSta
teTime"={"kPowerStateOff"="1112097ms (100%)","kPowerStateSleep"="0ms (0%)","kPowerStateOn"="0ms
(0%)","kPowerStateSuspended"="0ms
(0%)"},"kPortStatConnectCount"=0x0,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetC
ount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"
=0x0,"kPortStatOverCurrentCount"=0x0,"kPortSt$
  || ||| "name" = <7573622d647264312d706f72742d687300>
  || ||| "port" = <01000000>
  || ||| }
  || ||| }
  || ||| }
  || ||| +-o usb-drd1-port-ss@01200000 <class AppleT8103USB40XHCITYPECPort, id 0x1000001bd, registered,
matched, active, busy 0 (2 ms), retain 14>
  || ||| {
  || ||| "usb-c-port-number" = <02000000>
  || ||| "link-error-count" = 0x0
  || ||| "kUSBSleepPortCurrentLimit" = 0xbb8
  || ||| "AAPL,phandle" = <be000000>
  || ||| "kUSBWakePortCurrentLimit" = 0xbb8
  || ||| "IOPowerManagement" =
{"PowerOverrideOn"=Yes,"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x100,"MaxPowerState"=
0x3,"DriverPowerState"=0x0}
  || ||| "IOGeneralInterest" = "IOCommand is not serializable"
  || ||| "locationID" = 0x1200000
  || ||| "device_type" = <7573622d647264312d706f72742d737300>
  || ||| "kUSBBusCurrentSleepAllocation" = 0x0
  || ||| "port-type" = <04000000>
  || ||| "port-status" = 0x0
  || ||| "kUSBBusCurrentAllocation" = 0x96
  || ||| "UsbCPortNumber" = 0x2
  || ||| "port-statistics" =
{"kPortStatEOF2ViolationCurrentConnectCount"=0x0,"kPortStatEOF2ViolationDuringResetCount"=0x0,"kPortStatPowerSta
teTime"={"kPowerStateOff"="1112097ms (100%)","kPowerStateSleep"="0ms (0%)","kPowerStateOn"="0ms
(0%)","kPowerStateSuspended"="0ms
(0%)"},"kPortStatConnectCount"=0x0,"kPortStatRemoteWakeCount"=0x0,"kPortStatEOF2ViolationRecoveryDuringResetC
ount"=0x0,"kPortStatAddressFailureCount"=0x0,"kPortStatEOF2ViolationCount"=0x0,"kPortStatEnumerationFailureCount"
=0x0,"kPortStatOverCurrentCount"=0x0,"kPortSt$
  || ||| "name" = <7573622d647264312d706f72742d737300>
  || ||| "port" = <02000000>
  || ||| }
  || ||| }
  || ||| }
  || ||| +-o AppleT8103USBXDCI@0 <class AppleT8103USBXDCI, id 0x100000323, registered, matched, active, busy 0
(15 ms), retain 21>
  || ||| {
  || ||| "IOClass" = "AppleT8103USBXDCI"
  || ||| "IOPlatformPanicAction" = 0x3e8
  || ||| "IOPersonalityPublisher" = "com.apple.driver.AppleUSBXDCIARM"
  || ||| "IOMatchedAtBoot" = Yes
  || ||| "ConfigurationType" = "ncmAuxBringup"
  || ||| "IOProviderClass" = "AppleARMIODevice"
  || ||| "DeviceDescription" = {"productString"="MacBook Pro","deviceClass"=0x0,"manufacturerString"="Apple
Inc.,"deviceID"=0x1701,"productID"=0x1902,"vendorID"=0x5ac,"deviceSubClass"=0x0,"Attributes"=0xc0,"deviceProtocol"
=0x0,"MaxPower"=0xffffffff,"ConfigurationDescriptors"={"Attributes"=0xe0,"Interfaces"={"AppleUSBNCMControl",
AppleUSBNCMData","AppleUSBNCMControlAux","AppleUSBNCMDataAux"},"MaxPower"=0x0}})
  || ||| "IOProbeScore" = 0x0
  || ||| "CreatedTimestamp" = 0x871103f
  || ||| "CurrentState" =
{"DeviceAddress"=0x0,"DeviceState"=0x0,"DefaultPreferredConfiguration"=0x1,"ConnectionSpeed"=0x0,"PreferredConfig
uration"=0x1,"LinkState"=0x0,"RemoteWakeEnabled"=No,"SelectedConfiguration"=0x0}
  || ||| "IONameMatch" = "usb-drd,t8103"
  || ||| "FinalizedDurationMS" = 0xc
  || ||| "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBXDCIARM"
  || ||| "ScatterGatherSupport" = Yes
  || ||| "IOMatchCategory" = "usb-device"
  || ||| "CFBundleIdentifier" = "com.apple.driver.AppleUSBXDCIARM"
  || ||| "IONameMatched" = "usb-drd,t8103"
  || ||| "DefaultDeviceDescription" = {"productString"="MacBook
Pro","deviceClass"=0x0,"manufacturerString"="Apple
```

```
Inc.,"deviceID"=0x1701,"productID"=0x1902,"vendorID"=0x5ac,"deviceSubClass"=0x0,"Attributes"=0xc0,"deviceProtocol"
=0x0,"MaxPower"=0xffffffffffff)
  || | | "MapperPageSize" = 0x4000
  || | | "FinalizedTimestamp" = 0x8757799
  || | | }
  || | | }
  || | | }
  || | | +-o IOUSBDeviceConfigurator <class IOUSBDeviceConfigurator, id 0x10000068e, !registered, !matched, active,
busy 0, retain 4>
  || | | {
  || | | | "IOPropertyMatch" = {"ConfigurationType"="ncmAuxBringup"}
  || | | | "CFBundleIdentifier" = "com.apple.iokit.IOUSBDeviceFamily"
  || | | | "IOProviderClass" = "IOUSBDeviceController"
  || | | | "IOClass" = "IOUSBDeviceConfigurator"
  || | | | "IOPersonalityPublisher" = "com.apple.iokit.IOUSBDeviceFamily"
  || | | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBDeviceFamily"
  || | | | "IOProbeScore" = 0x0
  || | | | "DeviceDescription" =
{"ConfigurationDescriptors"={{Attributes"=0xe0,"Interfaces"={"AppleUSBNCMControl","AppleUSBNCMData","AppleUSBN
CMControlAux","AppleUSBNCMDataAux"},"MaxPower"=0x0}}}
  || | | | "IOMatchedAtBoot" = Yes
  || | | | "IOMatchCategory" = "IODefaultMatchCategory"
  || | | | }
  || | | | }
  || | | +-o AppleUSBNCMControl@0 <class IOUSBDeviceInterface, id 0x100000690, registered, matched, active, busy 0
(0 ms), retain 9>
  || | | | {
  || | | | | "IOCFPlugInTypes" = {"9E72217E-8A60-11DB-BF57-000D936D06D2"}="IOUSBDeviceFamily.kext/PlugIns/
IOUSBDeviceLib.plugin"
  || | | | | "IsActive" = No
  || | | | | "StartedTimestamp" = 0x871115f
  || | | | | "IOUserClientClass" = "IOUSBDeviceInterfaceUserClient"
  || | | | | "USBDeviceFunction" = "AppleUSBNCMControl"
  || | | | | "FinalizedTimestamp" = 0x871258b
  || | | | | "FinalizedDurationMS" = 0x0
  || | | | | }
  || | | | }
  || | | +-o AppleUSBDeviceNCMControl@0 <class AppleUSBDeviceNCMControl, id 0x100000694, registered,
matched, active, busy 0 (0 ms), retain 7>
  || | | | {
  || | | | | "IOPropertyMatch" = {"USBDeviceFunction"="AppleUSBNCMControl"}
  || | | | | "CFBundleIdentifier" = "com.apple.driver.AppleUSBDeviceNCM"
  || | | | | "IOProviderClass" = "IOUSBDeviceInterface"
  || | | | | "IOClass" = "AppleUSBDeviceNCMControl"
  || | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleUSBDeviceNCM"
  || | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBDeviceNCM"
  || | | | | "IOProbeScore" = 0x0
  || | | | | "IOMatchedAtBoot" = Yes
  || | | | | "IOMatchCategory" = "IODefaultMatchCategory"
  || | | | | }
  || | | | }
  || | | +-o AppleUSBNCMData@1 <class IOUSBDeviceInterface, id 0x100000691, registered, matched, active, busy 0 (7
ms), retain 9>
  || | | | {
  || | | | | "IOCFPlugInTypes" = {"9E72217E-8A60-11DB-BF57-000D936D06D2"}="IOUSBDeviceFamily.kext/PlugIns/
IOUSBDeviceLib.plugin"
  || | | | | "IsActive" = No
  || | | | | "StartedTimestamp" = 0x87112db
  || | | | | "IOUserClientClass" = "IOUSBDeviceInterfaceUserClient"
  || | | | | "USBDeviceFunction" = "AppleUSBNCMData"
  || | | | | "FinalizedTimestamp" = 0x8716ac9
  || | | | | "FinalizedDurationMS" = 0x0
  || | | | | }
  || | | | }
  || | | +-o AppleUSBDeviceNCMData <class AppleUSBDeviceNCMData, id 0x100000696, registered, matched, active,
busy 0 (6 ms), retain 8>
  || | | | {
  || | | | | "IOClass" = "AppleUSBDeviceNCMData"
  || | | | | "IOActiveMedium" = "00000022"
  || | | | | "waitControlStart" = 0x170d
  || | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleUSBDeviceNCM"
  || | | | | "IOMatchedAtBoot" = Yes
  || | | | | "IOMinPacketSize" = 0x40
  || | | | | "IOProviderClass" = "IOUSBDeviceInterface"
  || | | | | "IOLinkStatus" = 0x1
  || | | | | "waitControlFinish" = 0x170d
  || | | | | "IOPacketFilters" = {"IONetworkFilterGroup"=0x133,"IOEthernetWakeOnLANFilterGroup"=0x0}
  || | | | | "IOProbeScore" = 0x0
  || | | | | "IOPropertyMatch" = {"USBDeviceFunction"="AppleUSBNCMData"}
  || | | | | "AVBControllerState" = 0x1
  || | | | | "IOMediumDictionary" =
{"00100026"={"Index"=0x1,"Type"=0x100026,"Flags"=0x0,"Speed"=0x64},"00000022"={"Index"=0x0,"Type"=0x22,"Flags
"=0x0,"Speed"=0x0}}
  || | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleUSBDeviceNCM"
  || | | | | "IOAddress" = <6eda8a74ff41>
  || | | | | "IOMatchCategory" = "IODefaultMatchCategory"
  || | | | | "CFBundleIdentifier" = "com.apple.driver.AppleUSBDeviceNCM"
  || | | | | "IOMaxPacketSize" = 0x5ea
  || | | | | "IOSelectedMedium" = "00000022"
  || | | | | "IOLinkSpeed" = 0x0
  || | | | | "HiddenConfiguration" = Yes
  || | | | | "IOFeatures" = 0x0
  || | | | | }
  || | | | }
  || | | +-o en5 <class IOEthernetInterface, id 0x10000069a, registered, matched, active, busy 0 (6 ms), retain 12>
  || | | | {
  || | | | | "IOLocation" = ""
  || | | | | "IORequiredPacketFilters" = {"IONetworkFilterGroup"=0x13,"IOEthernetWakeOnLANFilterGroup"=0x0}
  || | | | | "BSD Name" = "en5"
  || | | | | "IOMulticastAddressList" = <0180c2000003>
  || | | | | "IOMaxTransferUnit" = 0x5dc
  || | | | | "IOInterfaceType" = 0x6
  || | | | | "IOInterfaceFlags" = 0x8863
  || | | | | "IOMediaAddressLength" = 0x6
  || | | | | "IOInterfaceState" = 0x3
  || | | | | "IOMediaHeaderLength" = 0xe
  || | | | | "IOActivePacketFilters" = {"IONetworkFilterGroup"=0x13,"IOEthernetWakeOnLANFilterGroup"=0x0}
  || | | | | "IOInterfaceExtraFlags" = 0x41000080
  || | | | | "IOPrimaryInterface" = No
  || | | | | }
```



```

    | | | "IOMatchedAtBoot" = Yes
    | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | "IONameMatched" = "spm1_gen1"
    | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPMI"
    | | | "InterruptControllerName" = "IOInterruptController000000BF"
    | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPMI"
    | | | }
    | | | }
    | | | }
    | | | +-o spmi-pmu@F <class AppleARMSPMIDevice, id 0x1000001bf, registered, matched, active, busy 0 (158 ms),
retain 8>
    | | | {
    | | | | "info-fault_shadow" = <7ba4000010000000>
    | | | | "info-has_slpsmc" = <01000000>
    | | | | "info-clock_offset" = <00d1000006000000>
    | | | | "function-external_standby" = <a40000005779656b4553424d>
    | | | | "IOInterruptControllers" = ("IOInterruptController000000BF")
    | | | | "info-rtc_alarm_mask" = <01000000>
    | | | | "info-rtc_alarm_offset" = <08d00000>
    | | | | "info-id" = <00000000a0000000>
    | | | | "info-fault_name-22" = <7373746174652c627574746f6e5f6466755f7265636f76657200>
    | | | | "info-fault_name-15" = <75762c7664645f626f6f73745f75766c6f00>
    | | | | "info-scrpad_socd" = <00ab000000040000>
    | | | | "info-rtc" = <02d00000>
    | | | | "info-fault_name-23" = <63726173682c7363726173685f696e00>
    | | | | "info-fault_name-16" = <73706d692c73706d695f6661756c7400>
    | | | | "has-fw" = <01000000>
    | | | | "reg" = <0f0000000300000000000000000000004000000000000000000000000000000000>
    | | | | "info-rtc_alarm_ctrl_en_mask" = <40000000>
    | | | | "info-fault_log" = <00d2000004000000>
    | | | | "info-fault_name-0" = <706f7200>
    | | | | "info-pm_setting" = <01d00000>
    | | | | "info-has_phrs" = <01000000>
    | | | | "IOUserClientClass" = "AppleARMSPMIUserClient"
    | | | | "is-primary" = <01000000>
    | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)", "IOReportChannels"=({(0x496e747200000000,0x100020001,"      First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001,"      Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001,"      First Level Interrupt Handler Time (MATUs)'),
(0x496e747200000003,0x100020001,"      Second Level Interrupt Handler CPU Time (MATUs)'),
(0x496e747200000004,0x100020001,"      Second Level Interrupt Handler System Time (MATUs)'),"), "IO$
    | | | | "info-fault_name-24" = <6f7405f63726300>
    | | | | "info-fault_name-1" = <72737400>
    | | | | "function-suspend_helper" = <8700000054523253>
    | | | | "info-fault_name-17" = <6e74635f7368646e00>
    | | | | "upo-shutdown-delay" = <00000000>
    | | | | "info-fault_name-10" = <62746e5f7273742c62746e5f7365715f726573657400>
    | | | | "info-fault_name-2" = <706f722c706f725f76646472746300>
    | | | | "hw-name" = <7365726100>
    | | | | "info-fault_name-18" = <74696d656f75742c64626c636c69636b5f74696d656f757400>
    | | | | "info-fault_name-25" = <736770696f00>
    | | | | "info-fault_name-3" = <7273742c7273745f76646472746300>
    | | | | "name" = <73706d692d706d7500>
    | | | | "IOInterruptSpecifiers" = (<02000000>)
    | | | | "info-fault_name-11" = <77646f72c72657365745f696e5f3100>
    | | | | "AAPL,phandle" = <c0000000>
    | | | | "info-fault_name-4" = <6f742c6f76657274656d7000>
    | | | | "info-rtc_scrpad" = <00d10000>
    | | | | "compatible" = <706d752c73706d6900706d752c7365726100>
    | | | | "info-rtc_alarm_event" = <0cd00000>
    | | | | "IOReportLegendPublic" = Yes
    | | | | "info-fault_name-19" = <7373746174652c77616c6c65745f63726173685f73657100>
    | | | | "info-fault_name-26" = <6f742c74656d705f6162735f6275636b3000>
    | | | | "info-fault_name-5" = <75762c706f725f7761726e00>
    | | | | "info-scrpad" = <00a0000000100000>
    | | | | "info-fault_name-12" = <6462675f7273742c72657365745f696e5f3200>
    | | | | "info-fault_name-6" = <75762c7664646d61696e5f75766c6f00>
    | | | | "info-leg_scrpad" = <009f0000>
    | | | | "info-fault_name-27" = <6f742c74656d705f6162735f6275636b3100>
    | | | | "info-fault_name-7" = <6f762c7664646d61696e5f6f766c6f00>
    | | | | "interrupts" = <02000000>
    | | | | "info-rtc_alarm_ctrl" = <00d00000>
    | | | | "info-fault_name-13" = <736f63686f742c72657365745f696e5f3300>
    | | | | "info-fault_name-20" = <75762c7664646d61696e5f75766c6f5f686f6c6400>
    | | | | "info-fault_name-8" = <62746e5f7273742c74776f5f66696e6765725f72737400>
    | | | | "interrupt-parent" = <bf000000>
    | | | | "device_type" = <73706d692d706d7500>
    | | | | "info-fault_name-28" = <75762c6273746c715f75766c6f00>
    | | | | "info-rtc_alarm_monitor_mask" = <01000000>
    | | | | "info-fault_name-9" = <63726173682c63726173685f696e00>
    | | | | "info-rtc_irq_mask_offset" = <0ed00000>
    | | | | "info-fault_name-14" = <62746e5f7368646e00>
    | | | | "info-fault_name-21" = <74696d656f75742c7761746368646f675f74696d656f757400>
    | | | | }
    | | | | }
    | | | | }
    | | | | +-o AppleDialogSPMIPMU <class AppleDialogSPMIPMU, id 0x1000003a4, registered, matched, active, busy 0 (6
ms), retain 8>
    | | | | {
    | | | | | "IOPMUBootUPOState" = 0x0
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "IOPMUBootErrorAppName" = 0x0
    | | | | | "IOPMUBootErrorStage" = 0x0
    | | | | | "IOPMUSPMITimeoutCount" = 0x0
    | | | | | "IOPMUBootErrorFaults" = ()
    | | | | | "IONameMatched" = "pmu_spm1"
    | | | | | "IOPMUBootFaultInfo" = ("wdog.reset_in_1")
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPMIPMU"
    | | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
    | | | | | "IOPlatformActiveAction" = 0xbb8
    | | | | | "IOPMUPrimary" = 0x1
    | | | | | "IOPlatformSleepAction" = 0x190
    | | | | | "IOPMUBootDebug" = 0x0
    | | | | | "IOPlatformQuiesceAction" = 0x17ed0
    | | | | | "IOFunctionParent000000C0" = <>
    | | | | | "IOPMUBootAppName" = 0x0
    | | | | | "IOPMUBootErrorFailCount" = 0x0
    | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleSPMIPMU"
    | | | | | "IOPMUBootErrorClear" = 0x0
    | | | | | "IOPMUBootErrorPanicCount" = 0x0
    | | | | }
  
```



```
|| | | "IOProviderClass" = "AppleARMSPMIDevice"
|| | | "IOPMUBootSOCDClear" = 0x0
|| | | "IONameMatch" = "pmu,spmi"
|| | | "IOClass" = "AppleDialogSPMIPMU"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPMIPMU"
|| | | "IOPlatformWakeAction" = 0x190
|| | | "IOPMUBootLPMState" = 0x0
|| | | "IOPMUSPMIParityErrCount" = 0x0
|| | | "IOMatchCategory" = "AppleSPMIPMU"
|| | | "IOPMUBootStage" = 0xff
|| | | "IOProbeScore" = 0x0
|| | | "IOPMUBootUPOCounter" = 0x0
|| | | "IOPMUSPMINakCount" = 0x0
|| | | }
|| | | }
|| | | }
|| | | +-o AppleDialogSPMIPMURTC <class AppleDialogSPMIPMURTC, id 0x1000003c2, registered, matched, active,
busy 0 (0 ms), retain 6>
|| | | {
|| | |   "IOProbeScore" = 0x0
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleSPMIPMU"
|| | |   "IOMatchCategory" = "AppleSPMIPMURTC"
|| | |   "IOClass" = "AppleDialogSPMIPMURTC"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleSPMIPMU"
|| | |   "IOProviderClass" = "AppleDialogSPMIPMU"
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPMIPMU"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOPlatformSleepAction" = 0x0
|| | | }
|| | | }
|| | | +-o btm@F <class AppleARMSPMIDevice, id 0x1000001c0, registered, matched, active, busy 0 (24 ms), retain 8>
|| | | {
|| | |   "btm-pmu-type" = <04000000>
|| | |   "compatible" = <62746d00>
|| | |   "interrupt-parent" = <bf000000>
|| | |   "interrupts" = <3e000000>
|| | |   "AAPL,phandle" = <c1000000>
|| | |   "reg" = <0f000000030000000000000000400000000000000000000000000000>
|| | |   "IOInterruptSpecifiers" = (<3e000000>)
|| | |   "IOInterruptControllers" = ("IOInterruptController000000BF")
|| | |   "device_type" = <62746d00>
|| | |   "function-suspend_helper" = <8700000054523253>
|| | |   "IOUserClientClass" = "AppleARMSPMIUserClient"
|| | |   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)", "IOReportChannels"=(0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IO$
|| | |   "IOReportLegendPublic" = Yes
|| | |   "#num-spmi-interrupts" = <01000000>
|| | |   "name" = <62746d00>
|| | | }
|| | | }
|| | | +-o AppleBTM <class AppleBTM, id 0x10000068c, registered, matched, active, busy 0 (12 ms), retain 10>
|| | | {
|| | |   "IOClass" = "AppleBTM"
|| | |   "IOFunctionParent000000C1" = <>
|| | |   "InputReportElements" =
({{"ReportID"=0x1,"ElementCookie"=0xd,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,
"ReportSize"=0x8,"Usage"=0x0},
{"ReportID"=0x2,"ElementCookie"=0xe,"Size"=0x3ea0,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0
x0,"ReportSize"=0x3ea0,"Usage"=0x0})
|| | |   "Transport" = "SPMI"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleBTM"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "MaxInputReportSize" = 0x7d4
|| | |   "IOProviderClass" = "AppleARMSPMIDevice"
|| | |   "Manufacturer" = "APPL"
|| | |   "Product" = "BTM"
|| | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x48})
|| | |   "IOProbeScore" = 0x0
|| | |   "ReportDescriptor" =
<0600ff0a4800a1010629ff8501257f950175080901b1020902b1020925a10385022476983e09038122090476b803b102c
0c0>
|| | |   "MaxOutputReportSize" = 0x1
|| | |   "IOUserClientClass" = "IOHIDLibUserClient"
|| | |   "IONameMatch" = "btm"
|| | |   "IOCFPluginTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin", "40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin", "7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleBTM"
|| | |   "IOMatchCategory" = "AppleBTM"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleBTM"
|| | |   "IONameMatched" = "btm"
|| | |   "PrimaryUsage" = 0x48
|| | |   "Elements" =
({{"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({{"ReportID"=
0x0,"ElementCookie"=0x2,"CollectionType"=0x3,"Type"=0x201,"VariableSize"=0x0,"Elements"=({{"VariableSize"=0x0,"Unit
Exponent"=0x0,"IsRelative"=No,"UsagePage"=0xff29,"Max"=0x0,"IsArray"=No,"Type"=0x1,"Size"=0x3e98,"Min"=0x0,"Flag
s"=0x22,"ReportID"=0x2,"Usage"=0x3,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x3e98,"HasPrefe
redState"=No,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,$
|| | |   "ReportInterval" = 0x1f40
|| | |   "PrimaryUsagePage" = 0xff00
|| | |   "IOKitDebug" = 0xffff
|| | |   "MaxFeatureReportSize" = 0x78
|| | | }
|| | | }
|| | | }
|| | | +-o IOHIDInterface <class IOHIDInterface, id 0x1000006a1, registered, matched, active, busy 0 (6 ms), retain
6>
|| | | {
|| | |   "MaxOutputReportSize" = 0x1
|| | |   "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
|| | |   "IOServiceDXTEntitlements" = ("com.apple.developer.driverkit.transport.hid")
|| | |   "Product" = "BTM"
|| | |   "PrimaryUsage" = 0x48
|| | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x48})
|| | |   "Transport" = "SPMI"
```



```
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IO$
|| | | "info-id" = <00000000a000000>
|| | | "IOInterruptSpecifiers" = (<02000000>)
|| | | "info-fault_name-4" = <6f762c7664646d61696e5f6f766c6f00>
|| | | }
|| | | }
|| | | +-o AppleDialogSPMIPMU <class AppleDialogSPMIPMU, id 0x10000034c, registered, matched, active, busy 0
(26 ms), retain 6>
|| | | {
|| | | "IOPMUBootUPOState" = 0x0
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOPMUBootErrorAppName" = 0x0
|| | | "IOPMUBootErrorStage" = 0x0
|| | | "IOPMUSPMITimeoutCount" = 0x0
|| | | "IOFunctionParent000000C3" = <>
|| | | "IOPMUBootErrorFaults" = ()
|| | | "IONameMatched" = "pmu,spmi"
|| | | "IOPMUBootFaultInfo" = ("rst_in,reset_in_rise","rst_in,reset_in_fall")
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPMIPMU"
|| | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | "IOPlatformActiveAction" = 0xbb8
|| | | "IOPlatformSleepAction" = 0x190
|| | | "IOPMUBootDebug" = 0x0
|| | | "IOPlatformQuiesceAction" = 0x17ed0
|| | | "IOPMUBootAppName" = 0x0
|| | | "IOPMUBootErrorFailCount" = 0x0
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleSPMIPMU"
|| | | "IOPMUBootErrorClear" = 0x0
|| | | "IOPMUBootErrorPanicCount" = 0x0
|| | | "IOProviderClass" = "AppleARMSPMIDevice"
|| | | "IOPMUBootSOCDClear" = 0x0
|| | | "IONameMatch" = "pmu,spmi"
|| | | "IOClass" = "AppleDialogSPMIPMU"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPMIPMU"
|| | | "IOPlatformWakeAction" = 0x190
|| | | "IOPMUBootLPMState" = 0x0
|| | | "IOPMUSPMIParityErrCount" = 0x0
|| | | "IOMatchCategory" = "AppleSPMIPMU"
|| | | "IOPMUBootStage" = 0x30
|| | | "IOProbeScore" = 0x0
|| | | "IOPMUBootUPOCounter" = 0x0
|| | | "IOPMUSPMINakCount" = 0x0
|| | | }
|| | | }
|| | | +-o aop-spmi1@4A829300 <class AppleARMIODevice, id 0x1000001c3, registered, matched, active, busy 0 (371
ms), retain 9>
|| | | {
|| | | "reg-vers" = <01000000>
|| | | "queue-depth" = <0001000000010000>
|| | | "IOInterruptSpecifiers" =
(<00000000,<3f010000>,<c4000000>,<c5000000>,<c6000000>,<c7000000>,<c8000000>,<c9000000>,<ca000000>
,<cb000000>,<cc000000>,<cd000000>,<dd000000>,<de000000>,<df000000>,<e0000000>,<e1000000>,<e2000000>,<e3000000>,<e4000000>,<e5000000>,<e6000000>,<e7000000>,<e8000000>,<e9000000>,<ea000000>,<eb000000>,<ec000000>,<ed000000>,<ee000000>,<ef000000>,<f0000000>,<f1000000>,<f2000000>,<f3000000>,<f4000000>,<f5000000>,<f6000000>,<f7000000>,<f8000000>,<f9000000>,<fa000000>,<fb000000>,<fc000000>,<fd000000>,<fe000000>,<ff000000>)
|| | | "#address-cells" = <00000000>
|| | | "AAPL,phandle" = <c4000000>
|| | | "IODeviceMemory" = ({("address"=0x24a829300,"length"=0x100)},{("address"=0x24a828e00,"length"=0x100)},{("address"=0x24a828400,"length"=0x78)})
|| | | "IOReportLegendPublic" = Yes
|| | | "InterruptControllerName" = "IOInterruptController000000C4"
|| | | "IOInterruptControllers" =
("IOInterruptController000000C4","IOInterruptController00000070","IOInterruptController000000C4","IOInterruptControll
er000000C4","IOInterruptController000000C4","IOInterruptController000000C4","IOInterruptController000000C4","IOInt
erruptController000000C4","IOInterruptController000000C4","IOInterruptController000000C4","IOInterruptController000
000C4","IOInterruptController000000C4","IOInterruptController000000C4","IOInterruptController000000C4","IOInterrupt
Controller000000C4","IOInterruptController000$
|| | | "name" = <616f702d73706d693100>
|| | | "interrupt-parent" = <c400000070000000c4000000>
|| | | "interrupt-controller" = <>
|| | | "compatible" = <73706d692c67656e3100>
|| | | "#num-fault-irqs" = <19000000>
|| | | "#interrupt-cells" = <01000000>
|| | | "interrupts" =
<c00000003f010000c4000000c5000000c6000000c7000000c8000000c9000000ca000000cb000000cc000000cd000
000d0000000dd000000de000000df000000>
|| | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(("0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
|| | | "device_type" = <696e746572727570742d636f6e74726f6c6c657200>
|| | | "reg" =
<0093824a00000000000100000000000008e824a00000000001000000000000084824a00000000780000000000
0000>
|| | | "fault-counters-enabled" = <01000000>
|| | | }
|| | | }
|| | | +-o AppleGen1SPMIController <class AppleGen1SPMIController, id 0x10000032c, registered, matched, active, busy
0 (186 ms), retain 7>
|| | | {
|| | | "IOClass" = "AppleGen1SPMIController"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleSPMI"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformWakeAction" = 0x1f4
|| | | "IOPlatformSleepAction" = 0x1f4
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "spmi,gen1"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "spmi,gen1"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleSPMI"
|| | | "InterruptControllerName" = "IOInterruptController000000C4"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSPMI"
|| | | }
```

```
    | | |
    | | | +-o stockholm-spmi@C <class AppleARMSPMIDevice, id 0x1000001c4, registered, matched, active, busy 0 (181
ms), retain 9>
    | | | |{
    | | | | "compatible" = <6e66632c7072696d6172792c73706d6900>
    | | | | "interrupt-parent" = <c4000000>
    | | | | "AAPL,phandle" = <c5000000>
    | | | | "interrupts" = <a0000000a1000000a2000000a3000000a4000000a5000000a6000000>
    | | | | "reg" = <0c00000003000000000000040000000000000000000000000000>
    | | | | "IOInterruptSpecifiers" =
    | | | | (<a0000000>,<a1000000>,<a2000000>,<a3000000>,<a4000000>,<a5000000>,<a6000000>)
    | | | | "IOInterruptControllers" =
    | | | | ("IOInterruptController000000C4","IOInterruptController000000C4","IOInterruptController000000C4","IOInterruptControll
er000000C4","IOInterruptController000000C4","IOInterruptController000000C4","IOInterruptController000000C4")
    | | | | "device_type" = <73746f636b686f6c6d2d73706d6900>
    | | | | "IOUserClientClass" = "AppleARMSPMIUserClient"
    | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200050000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200050001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200050002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200050003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200050004,0x100020001," Second Level Interrupt Handler System Time (MATUs)")),IO$
    | | | | "IOReportLegendPublic" = Yes
    | | | | "required-functions" =
    | | | | <737570706f72745f686f73745f77616b655f73706d6900737570706f72745f646174615f6f7665725f73706d6900>
    | | | | "#num-spmi-interrupts" = <07000000>
    | | | | "name" = <73746f636b686f6c6d2d73706d6900>
    | | | | }
    | | | | }
    | | | +-o AppleStockholmSPMI <class AppleStockholmSPMI, id 0x1000003a0, registered, matched, active, busy 0 (76
ms), retain 16>
    | | | |{
    | | | | "IOClass" = "AppleStockholmSPMI"
    | | | | "CFBundleIdentifier" = "com.apple.driver.AppleStockholmControl"
    | | | | "IOProviderClass" = "AppleARMSPMIDevice"
    | | | | "IOPowerManagement" = {"CapabilityFlags"=0x0,"CurrentPowerState"=0x0}
    | | | | "IOPlatformWakeAction" = 0x1f4
    | | | | "nfc.log" = Yes
    | | | | "IOProbeScore" = 0x0
    | | | | "IONameMatch" = "nfc,primary,spmi"
    | | | | "IOMatchedAtBoot" = Yes
    | | | | "IOMatchCategory" = "AppleStockholmControl"
    | | | | "stockholm-spmi-data-socket" = Yes
    | | | | "IOPlatformSleepAction" = 0x1f4
    | | | | "IONameMatched" = "nfc,primary,spmi"
    | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleStockholmControl"
    | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleStockholmControl"
    | | | | }
    | | | | }
    | | | +-o stockholm <class AppleStockholmControlConfig, id 0x1000001c5, registered, matched, active, busy 0 (70
ms), retain 8>
    | | | |{
    | | | | "device_type" = <73746f636b686f6c6d00>
    | | | | "required-gpios" =
    | | | | <737570706f72745f76656e61626c6500737570706f72745f766972745f616c5f6770696f00>
    | | | | "function-enable" = <a400000034574b706630506700008000>
    | | | | "name" = <73746f636b686f6c6d00>
    | | | | "compatible" = <6e66632c7072696d6172792c6770696f00>
    | | | | "AAPL,phandle" = <c6000000>
    | | | | }
    | | | | }
    | | | +-o AppleStockholmControl <class AppleStockholmControl, id 0x100000539, registered, matched, active,
busy 0 (2 ms), retain 18>
    | | | |{
    | | | | "IOClass" = "AppleStockholmControl"
    | | | | "CFBundleIdentifier" = "com.apple.driver.AppleStockholmControl"
    | | | | "IOProviderClass" = "IOService"
    | | | | "IOPowerManagement" =
    | | | | {"DesiredPowerState"=0x1,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x
1}
    | | | | "IOUserClientClass" = "AppleStockholmControlUserClient"
    | | | | "nfc.log" = Yes
    | | | | "IOProbeScore" = 0x0
    | | | | "IONameMatch" = "nfc,primary,gpio"
    | | | | "IOMatchedAtBoot" = Yes
    | | | | "IOMatchCategory" = "AppleStockholmControl"
    | | | | "IONameMatched" = "nfc,primary,gpio"
    | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleStockholmControl"
    | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleStockholmControl"
    | | | | }
    | | | | }
    | | | +-o lcd0-sac <class AppleARMIODevice, id 0x1000001c6, registered, matched, active, busy 0 (158 ms), retain 7>
    | | | |{
    | | | | "AAPL,phandle" = <c7000000>
    | | | | "function-saca_cdi0" = <210100004143415330696463>
    | | | | "function-saca_edp0" = <210100004143415330706465>
    | | | | "name" = <6c6364302d73616300>
    | | | | "device_type" = <6c7064702d73616300>
    | | | | }
    | | | | }
    | | | +-o disp0@30000000 <class AppleARMIODevice, id 0x1000001c7, registered, matched, active, busy 0 (1423 ms),
retain 9>
    | | | |{
    | | | | "IOInterruptSpecifiers" =
    | | | | (<b4010000>,<c7010000>,<b7010000>,<b6010000>,<b5010000>,<bc010000>,<b2010000>,<c0010000>,<bb010000>)
    | | | | "aot-power" = <01000000>
    | | | | "clock-gates" = <21010000210100002201000023010000>
    | | | | "dot-pitch" = <e3000000>
    | | | | "AAPL,phandle" = <c8000000>
    | | | | "IODeviceMemory" = ({("address"=0x23000000,"length"=0x3e8000)},
    | | | | {"address"=0x23132000,"length"=0x4000}),{"address"=0x231344000,"length"=0x4000}),
    | | | | {"address"=0x23180000,"length"=0x800000}),{"address"=0x23b3d0000,"length"=0x4000}),
    | | | | {"address"=0x23b738000,"length"=0x1000}),{"address"=0x23bc3c000,"length"=0x1000}))
    | | | | "display-default-color" = <00000000>
    | | | | "function-bw_req_interrupt0" = <8700000051524942540000002200000001000000>
    | | | | "temperature-compensation" = <00000000>
    | | | | "display-timing-info" = <0004000032000000330000003200000058020000da000000600000032000000>
    | | | | "function-pmu_ram_access" = <a4000000556d61724c41434401004000>
```



```
    | | | "clockRatio" = 0x4117f
    | | | "DisplayWidth" = 0xa00
    | | | "DisableDisplayOptimize" = 0x0
    | | | "IOMFB_KTRACE_APL_VERSION" = "3.0"
    | | | "ADP is generic pipe" = Yes
    | | | "CMDegammaMethod" = 0x0
    | | | "IOMFBLaunchFDR" = Yes
    | | | "IdleCachingMethod" = 0x2
    | | | "IOMatchedAtBoot" = Yes
    | | | "DebugUInt32" = 0x0
    | | | "PDCDataVersion" = 0x0
    | | | "APTDevice" = No
    | | | "BLMAHStatsLogEnable" = No
    | | | "IOMFBContrastEnhancerStrength" = 0xd9
    | | | "TimingElements" =
({ "StandardType"=0x0,"ElementType"=0x0,"IsSplit"=No,"IsPromoted"=No,"IsInterlaced"=No,"HorizontalAttributes"={"Total
 "=0xa52,"Active"=0xa00,"PixelRepetition"=0x0,"PreciseSyncRate"=0x64eb75,"BackPorch"=0x2a,"SyncWidth"=0x20,"Front
 Porch"=0x8,"SyncPolarity"=0x1,"SyncRate"=0x650000},"VerticalAttributes"={"Total"=0x692,"Active"=0x640,"PixelRepetiti
 on"=0x0,"PreciseSyncRate"=0x3bfff7,"BackPorch"=0x2a,"SyncWidth"=0x8,"FrontPorch"=0x20,"SyncPolarity"=0x1,"SyncR
 ate"=0x3c0000},"UnsafeColorElementIDs"=(), "Score"=0x3fda,$
    | | | "BLMAHOutputFreq" = 0x0
    | | | "PDCGlobalTemp" = 0x0
    | | | "IOPersonalityPublisher" = "com.apple.driver.AppleMobileDispH13G-DCP"
    | | | "APTDefaultGrayValue" = 0xff
    | | | "ChargeValuesPublish" = No
    | | | "BLNitsCap" = 0x1a50720
    | | | "VideoClock" = 0x7d05396
    | | | "APTPDCEnable" = Yes
    | | | "NormalModeActive" = Yes
    | | | "APTPanicOnChargeParity" = No
    | | | "ADCLoadAll" = No
    | | | "FFR_table_index" = 0x0
    | | | "ALSSSumsPrecision" = 0x24
    | | | "BLMPLimitCfg" = 0x1
    | | | "APTEnableDefaultGray" = Yes
    | | | "BacklightMatching" = {"IOPropertyMatch"={"backlight-control"=Yes}}
    | | | "BLMAHUPCount" = 0x0
    | | | "IOMFBDisplayRefresh" =
({ "displayRefreshStepMachTime"=0x0,"displayRefreshStep"=0x0,"displayMaxRefreshInterval"=0x8887229,"displayMinRefr
 eshInterval"=0x4443914,"displayMinRefreshIntervalMachTime"=0x61a81,"displayMaxRefreshIntervalMachTime"=0xc3502}
    | | | "PDCSaveRepeatUnstablePCC" = No
    | | | "PCCTrinityEnable" = Yes
    | | | "enableDither" = Yes
    | | | "IONameMatch" = ("disp0,t8103","dispext0,t8103")
    | | | "CECorrectionFactor" = 0x10000
    | | | "IOMFBSupportsXFlip" = Yes
    | | | "W40a_Blending_OK" = 0x1
    | | | "RuntimeProperty::frameInfoTraceEnable" = No
    | | | "SystemConsoleMode" = No
    | | | "PCCCabalEnable" = Yes
    | | | "IOMFBBrightnessLevelMA" = 0xffffffffffff
    | | | "InitialPanelTemperature" = 0x0
    | | | "APTEnableCA" = No
    | | | "overrideCompCutoff" = 0x13ec0000
    | | | "bics_mode" = 0x0
    | | | "ean-mode-caching" = 0x0
    | | | "enableDarkEnhancer" = Yes
    | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
    | | | "APTEventsMask" = 0x0
    | | | "PCC2DEnable" = Yes
    | | | "DisplayPipePlaneBaseAlignment" =
({ "DefaultStride"=0x0,"LinearX_Alignment"=0x40,"LinearY_Alignment"=0x1,"PlaneBaseAlignmentLinear"=0x40}
    | | | "Panel_ID" =
"DCN052601V8NTJFAY+000000006R22D6+PROD+B0000000000000+00000000000000000000000000000000+L02001166L031
 01031+6760AK6T39002043TYYYYW1AD2202550+S6886882RYS6886882RYS6886882RYS6886882"
    | | | "enable2D TemperatureCorrection" = No
    | | | "uniformity2D" = Yes
    | | | "APTEnableCDFD" = No
    | | | "IONameMatched" = "disp0,t8103"
    | | | }
    | | | }
    | | | +-o IOMobileFramebufferUserClient <class IOMobileFramebufferUserClient, id 0x100000a58, !registered, !
matched, active, busy 0, retain 6>
    | | | {
    | | |   "IOUserClientCreator" = "pid 420, WindowServer"
    | | | }
    | | | +-o IOMobileFramebufferUserClient <class IOMobileFramebufferUserClient, id 0x100000a5c, !registered, !
matched, active, busy 0, retain 5>
    | | | {
    | | |   "IOUserClientCreator" = "pid 420, WindowServer"
    | | | }
    | | | +-o IOMobileFramebufferUserClient <class IOMobileFramebufferUserClient, id 0x100000a62, !registered, !
matched, active, busy 0, retain 5>
    | | | {
    | | |   "IOUserClientCreator" = "pid 344, UserEventAgent"
    | | | }
    | | | +-o IOMobileFramebufferUserClient <class IOMobileFramebufferUserClient, id 0x100000ba1, !registered, !
matched, active, busy 0, retain 5>
    | | | {
    | | |   "IOUserClientCreator" = "pid 403, PerfPowerService"
    | | | }
    | | | +-o dart-disp0@31304000 <class AppleARMIODevice, id 0x1000001c8, registered, matched, active, busy 0 (209
ms), retain 10>
    | | | {
    | | |   "page-size" = <00400000>
    | | |   "i2-tt-4" = <0080f0ff0b000000002000000000000000>
    | | |   "error-reflector" = <00c0ff3c02000000>
    | | |   "interrupt-parent" = <70000000>
    | | |   "interrupts" = <bd010000>
    | | |   "smmu-tunables-instance-0" = <200000000400000000000080000000000000000000000000000000000000000000>
    | | |   "real-time" = <>
    | | |   "sids" = <11800000>
    | | |   "IOInterruptControllers" = ("IOInterruptController00000070")
    | | |   "smmu-clock-gating" = <>
    | | | }
```



```

|| | "iommu-dart-translation" = Yes
|| | "IOUserClientClass" = "IODARTMapperClient"
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = "iommu-mapper"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "iommu-mapper"
|| | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | "IOMapperID" = <cb000000>
|| | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | "iommu-initial-translations" = <00c032010000000000c03e0100000000>
|| | }
|| |
|| | +-o dcp0-expert <class AppleARMIODevice, id 0x1000001cb, registered, matched, active, busy 0 (285 ms), retain
8>
|| | {
|| | | "device_type" = <6463702d65787065727400>
|| | | "AAPL,phandle" = <cc000000>
|| | | "join-power-plane" = <01000000>
|| | | "name" = <646370302d65787065727400>
|| | | "compatible" = <6463702d6578706572742d763100>
|| | | "role" = <44435000>
|| | | }
|| | |
|| | | +-o AppleDCPExpert <class AppleDCPExpert, id 0x10000032b, registered, matched, active, busy 0 (3 ms), retain
36>
|| | | {
|| | | | "IOClass" = "AppleDCPExpert"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x2,"MaxPowerState"=0
x1}
|| | | | "DCPExpertPowerState" = 0x1
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" = "dcp-expert-v1"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "DCPPowerState" = 0x3
|| | | | "DCPPowerAssertionCount" = 0x1
|| | | | "IOFunctionParent000000CC" = <>
|| | | | "BootComplete" = Yes
|| | | | "IONameMatched" = "dcp-expert-v1"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | | | "role" = "DCP"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | | | }
|| | | |
|| | | | +-o dcp@31C00000 <class AppleARMIODevice, id 0x1000001cc, registered, matched, active, busy 0 (736 ms),
retain 9>
|| | | | {
|| | | | | "IOInterruptSpecifiers" = (<ac010000>,<ab010000>,<ae010000>,<ad010000>)
|| | | | | "hdcg-channels" = <04000000>
|| | | | | "iop-version" = <01000000>
|| | | | | "clock-gates" = <90010000>
|| | | | | "AAPL,phandle" = <cd000000>
|| | | | | "IODeviceMemory" = ({"address"=0x231c0000,"length"=0x6c000},
{"address"=0x23185000,"length"=0x4000})
|| | | | | "IOReportLegendPublic" = Yes
|| | | | | "iommu-parent" = <d0000000>
|| | | | | "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControle
r00000070")
|| | | | | "name" = <64637000>
|| | | | | "interrupt-parent" = <70000000>
|| | | | | "compatible" = <696f702c61736377261702d763400>
|| | | | | "interrupts" = <ac010000ab010000ae010000ad010000>
|| | | | | "clock-ids" = <>
|| | | | | "hdcg-parent" = <91000000>
|| | | | | "audio" = <d2000000>
|| | | | | "role" = <44435000>
|| | | | | "truncate-dvas" = <>
|| | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001," First Level Interrupt Handler Time (MATUs)'),
(0x496e747200020003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)'),
(0x496e747200020004,0x100020001," Second Level Interrupt Handler System Time (MATUs)'),"IORepo$
|| | | | | "device_type" = <64637000>
|| | | | | "power-gates" = <90010000>
|| | | | | "reg" = <0000c0310000000000c006000000000000008531000000000400000000000000>
|| | | | | }
|| | | | |
|| | | | | +-o AppleASCWrapV4 <class AppleASCWrapV4, id 0x10000032a, !registered, !matched, active, busy 0 (516 ms),
retain 5>
|| | | | | {
|| | | | | | "IOProbeScore" = 0x0
|| | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP"
|| | | | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | | | "IOClass" = "AppleASCWrapV4"
|| | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP"
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP"
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "IONameMatch" = "iop.ascwrap-v4"
|| | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | "IONameMatched" = "iop.ascwrap-v4"
|| | | | | | "role" = "DCP"
|| | | | | | }
|| | | | | |
|| | | | | | +-o iop-dcp-nub <class AppleA7IOPNub, id 0x1000001cd, registered, matched, active, busy 0 (516 ms), retain 7>
|| | | | | | {
|| | | | | | | "segment-names" =
<5f5f544558543b5f5f44154413b756e6b6e6f776e3b756e6b6e6f776e3b756e6b6e6f776e3b756e6b6e6f776e00>
|| | | | | | | "pre-loaded" = <01000000>
|| | | | | | | "quiesced" = <>
|| | | | | | | "compatible" = <696f702d6e75622c727462756464792d763200>
|| | | | | | | "coredump-enable" = <40000000>
|| | | | | | | "AAPL,phandle" = <ce000000>

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|| | | "asc-dram-mask" = <00000000f000000>
|| | | "KDebugCoreID" = 0xe
|| | | "running" = <01000000>
|| | | "no-firmware-service" = <>
|| | | "cold-boot-after-hibernate" = <>
|| | | "watchdog-enable" = <>
|| | | "segment-ranges" =
<00002100080000000000000000000000000210008000000010600003000000008064d90b00000001060000000
000000000000f000000000030000000000008064d80b0000000ffffff000030000f0000000000000102000000
004064d80b0000000ffffff0008032010f00000000400000200000004058d80b0000000ffffff00c032010f0
000000000c000200000008082d50b0000000ffffff00c03e010f00000000c0d50202000000>
|| | | "coredump-rel-privacy-approved" = <>
|| | | "name" = <696f702d6463702d6e756200>
|| | | "user-power-managed" = <01000000>
|| | | }
|| | | }
|| | | +--o RTBuddyV2 <class RTBuddyV2, id 0x10000041c, registered, matched, active, busy 0 (493 ms), retain 47>
|| | | | {
|| | | | | "IOClass" = "RTBuddyV2"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| | | | | "IOProviderClass" = "AppleA7IOPNub"
|| | | | | "IOPlatformPanicAction" = 0x15ba8
|| | | | | "IOUserClientClass" = "RTBuddyUserClient"
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IONameMatch" = "iop-nub,rtbuddy-v2"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "IOReportLegend" =
(|"IOReportGroupName"="DCP","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),IOReportChannell
nfo="{IOReportChannelUnit"=0x100007980000018},IOReportSubGroupName="IO State"})
|| | | | | "IOReportLegendPublic" = Yes
|| | | | | "IOHibernateState" = <00000000>
|| | | | | "IONameMatched" = "iop-nub,rtbuddy-v2"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| | | | | "role" = "DCP"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| | | | | }
|| | | | }
|| | | | +--o RTBuddyIOReportingEndpoint <class RTBuddyIOReportingEndpoint, id 0x100000425, registered, matched,
active, busy 0 (10 ms), retain 7>
|| | | | | {
|| | | | | | "IOReportLegend" =
(|"IOReportGroupName"="DCP","IOReportChannels"=((0x5254494f75636e00,0x180000001,"update count"),
(0x5254494f6c757000,0x180000001,"last
update")),IOReportChannelInfo="{IOReportChannelUnit"=0x0},IOReportSubGroupName="IO Reporting statistics",
{"IOReportGroupName"="DCP","IOReportChannels"=((0x525444757479436c,0x100020001,"Duty
cycle")),IOReportChannelInfo="{IOReportChannelUnit"=0x0},IOReportSubGroupName="Power"},
{"IOReportGroupName"="DCP","IOReportChannels"=((0x5254536c70436e74,0x100020001,"Sleep $
|| | | | | | "IOReportLegendPublic" = Yes
|| | | | | | }
|| | | | | | }
|| | | | | }
|| | | | | +--o DCPEndpoint1 <class RTBuddyEndpointService, id 0x100000426, registered, matched, active, busy 0 (54
ms), retain 7>
|| | | | | | {
|| | | | | | | {
|| | | | | | | | {
|| | | | | | | | | "IOClass" = "DCPEndpoint"
|| | | | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| | | | | | | | | "IOProviderClass" = "RTBuddyEndpointService"
|| | | | | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| | | | | | | | | "SupportsRemoteAllocation" = Yes
|| | | | | | | | | "IOProbeScore" = 0x0
|| | | | | | | | | "IONameMatch" =
(|"DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21"
DCPEndpoint22","DCPEndpoint23","DCPEXTEndpoint1","DCPEXTEndpoint2","DCPEXTEndpoint3","DCPEXTEndpoint4","DC
PEXTEndpoint5","DCPEXTEndpoint6","DCPEXTEndpoint7","DCPEXTEndpoint8","DC$
|| | | | | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | | | | "SupportsLocalAllocation" = Yes
|| | | | | | | | | "IONameMatched" = "DCPEndpoint1"
|| | | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | | | | | | | | "role" = "DCP"
|| | | | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | | | | | | | | "BaseDebugState" = {"endpoint-state"="on","assertion-count"=0x0,"ep-power-state"=0x0}
|| | | | | | | | | "DebugState" = {"queue-rx-full-cnt"=0x0,"queue-rx-size"=0x4000,"queue-tx-size"=0x4000,"queue-
state"=0x1,"queue-tx-full-cnt"=0x0}
|| | | | | | | | | }
|| | | | | | | | | }
|| | | | | | }
|| | | | | }
|| | | | | +--o system <class AFKMailboxEndpointInterface, id 0x10000053d, registered, matched, active, busy 0 (0
ms), retain 7>
|| | | | | | {
|| | | | | | | "reg-chunk" = No
|| | | | | | | "rx-command-count" = 0x8
|| | | | | | | "interface-id" = 0x2
|| | | | | | | "IOPowerManagement" =
{"IdleTimerPeriod"=0x3e8,"ActivityTickles"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"D
riverPowerState"=0x0}
|| | | | | | | | "role" = "DCP"
|| | | | | | | | "DebugState" = {"handled-reports"=0x1,"async-requests"=0x0,"assertion-
count"=0x0,"event"=0x3,"time"=0x85ad7e0,"session-count"=0x0,"log"={}, "handled-commands"=0x0,"enqueued-
reports"=0x0,"enqueued-commands"=0x0,"isOpen"=0x0,"enqueued-responses"=0x0,"handled-responses"=0x0,"log-
index"=0x1}
|| | | | | | | | }
|| | | | | | | | }
|| | | | | | }
|| | | | | }
|| | | | | +--o powerlog-service <class AFKMailboxEndpointInterface, id 0x100000542, registered, matched, active,
busy 0 (1 ms), retain 9>
|| | | | | | {
|| | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | | "rx-command-count" = 0x8
|| | | | | | | "interface-id" = 0x3
|| | | | | | | "IOPowerManagement" =
```



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|| | | }
|| | |
|| | | +-o DCPEndpoint7 <class RTBuddyEndpointService, id 0x100000430, registered, matched, active, busy 0 (74
ms), retain 7>
|| | | ||{
|| | | ||}
|| | | ||
|| | | |+-o DCPEndpoint <class DCPEndpoint, id 0x10000043e, !registered, !matched, active, busy 0 (22 ms), retain
8>
|| | | |{|
|| | | | | "IOClass" = "DCPEndpoint"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| | | | | "IOProviderClass" = "RTBuddyEndpointService"
|| | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| | | | | "SupportsRemoteAllocation" = Yes
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCPEXTEndpoint1","DCPEXTEndpoint2","DCPEXTEndpoint3","DCPEXTEndpoint4","DC
PEXTEndpoint5","DCPEXTEndpoint6","DCPEXTEndpoint7","DCPEXTEndpoint8","DC$
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "SupportsLocalAllocation" = Yes
|| | | | | "IONameMatched" = "DCPEndpoint7"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | | | | "role" = "DCP"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | | | | "BaseDebugState" = {"endpoint-state"="on","assertion-count"=0x0,"ep-power-state"=0x0}
|| | | | | "DebugState" = {"queue-rx-full-cnt"=0x0,"queue-rx-size"=0x4000,"queue-tx-size"=0x4000,"queue-
state"=0x1,"queue-tx-full-cnt"=0x0}
|| | | | |}
|| | | |}
|| | | |+-o dcpav-sac-controller <class AFKMailboxEndpointInterface, id 0x1000005b4, registered, matched,
active, busy 0 (22 ms), retain 8>
|| | | | |{|
|| | | | | | "interface-id" = 0x0
|| | | | | | "EPICProviderClass" = "AppleDCPPDPDisplaySACController"
|| | | | | | "EPICLocation" = "Embedded"
|| | | | | | "role" = "DCP"
|| | | | | | "EPICUnit" = 0x0
|| | | | | | "IOPowerManagement" =
{"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"ActivityTicks"=0x3,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"Ti
meSinceLastTickle"=0x291358,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| | | | | | "rx-command-count" = 0x8
|| | | | | | "DebugState" = {"handled-reports"=0x1,"async-requests"=0x0,"assertion-
count"=0x0,"event"=0x5,"time"=0x86a40d9,"session-count"=0x0,"log"={0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0},"handled-
commands"=0x2,"enqueued-reports"=0x1,"enqueued-commands"=0x3,"isOpen"=0x1,"enqueued-
responses"=0x2,"handled-responses"=0x3,"log-index"=0xf}
|| | | | | | "EPICName" = "dcpav-sac-epic"
|| | | | | |}
|| | | | |}
|| | | |+-o DCPAVRemoteSACControllerProxy <class DCPAVRemoteSACControllerProxy, id 0x1000005be,
registered, matched, active, busy 0 (1 ms), retain 5>
|| | | | | {
|| | | | | | "IOClass" = "DCPAVRemoteSACControllerProxy"
|| | | | | | "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
|| | | | | | "IOProviderClass" = "AFKEndpointInterface"
|| | | | | | "IOPropertyMatch" = {"EPICName"="dcpav-sac-epic"}
|| | | | | | "IOProbeScore" = 0x0
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "Location" = "Unknown"
|| | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | "Unit" = 0x0
|| | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | | "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.DCPAVFamilyProxy"
|| | | | | |}
|| | | |+-o DCPEndpoint8 <class RTBuddyEndpointService, id 0x100000431, registered, matched, active, busy 0 (64
ms), retain 7>
|| | | | ||{
|| | | | ||}
|| | | | ||
|| | | | |+-o DCPEndpoint <class DCPEndpoint, id 0x10000043f, !registered, !matched, active, busy 0 (7 ms), retain
11>
|| | | | |{|
|| | | | | | "IOClass" = "DCPEndpoint"
|| | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| | | | | | "IOProviderClass" = "RTBuddyEndpointService"
|| | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| | | | | | "SupportsRemoteAllocation" = Yes
|| | | | | | "IOProbeScore" = 0x0
|| | | | | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCPEXTEndpoint1","DCPEXTEndpoint2","DCPEXTEndpoint3","DCPEXTEndpoint4","DC
PEXTEndpoint5","DCPEXTEndpoint6","DCPEXTEndpoint7","DCPEXTEndpoint8","DC$
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | "SupportsLocalAllocation" = Yes
|| | | | | | "IONameMatched" = "DCPEndpoint8"
|| | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | | | | | "role" = "DCP"
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | | | | | "BaseDebugState" = {"endpoint-state"="on","assertion-count"=0x0,"ep-power-state"=0x0}
|| | | | | | "DebugState" = {"queue-rx-full-cnt"=0x0,"queue-rx-size"=0x4000,"queue-tx-size"=0x4000,"queue-
state"=0x1,"queue-tx-full-cnt"=0x0}
|| | | | | |}
|| | | |}
|| | | |+-o DCPDPDevice <class AFKMailboxEndpointInterface, id 0x100000638, registered, matched, active, busy
0 (6 ms), retain 8>

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```
|| | | | | {
|| | | | | "interface-id" = 0x0
|| | | | | "EPICProviderClass" = "DCPDPDevice"
|| | | | | "EPICLocation" = "Embedded"
|| | | | | "role" = "DCP"
|| | | | | "EPICUnit" = 0x0
|| | | | | "IOPowerManagement" =
{"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"ActivityTicks"=0x2,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"Ti
meSinceLastTickle"=0x291358,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
|| | | | | "rx-command-count" = 0x8
|| | | | | "DebugState" = {"handled-reports"=0x1,"async-requests"=0x0,"assertion-
count"=0x0,"event"=0x5,"time"=0x86a665d,"session-count"=0x0,"log"={},{},{},{},{},{},{},{},{},{},{},{},{},{},{}},"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x2,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x2,"log-index"=0xb}
|| | | | | "EPICName" = "dcpav-device-epic"
|| | | | | }
|| | | | | }
|| | | | | +-o DCPAVDeviceProxy <class DCPAVDeviceProxy, id 0x10000063b, registered, matched, active, busy 0 (0
ms), retain 5>
|| | | | | {
|| | | | | "IOClass" = "DCPAVDeviceProxy"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
|| | | | | "IOProviderClass" = "AFKEndpointInterface"
|| | | | | "IOPropertyMatch" = {"EPICName"="dcpav-device-epic"}
|| | | | | "IOUserClientClass" = "DCPAVDeviceProxyUserClient"
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "Location" = "Embedded"
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "Unit" = 0x0
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.DCPAVFamilyProxy"
|| | | | | "IOAVDeviceUserInterfaceSupported" = Yes
|| | | | | }
|| | | | | +-o DCPDPDevice <class AFKMailboxEndpointInterface, id 0x100000648, registered, matched, active, busy
0 (5 ms), retain 9>
|| | | | | {
|| | | | | "interface-id" = 0x1
|| | | | | "EPICProviderClass" = "DCPDPDevice"
|| | | | | "EPICLocation" = "Embedded"
|| | | | | "role" = "DCP"
|| | | | | "EPICUnit" = 0x0
|| | | | | "IOPowerManagement" =
{"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"ActivityTicks"=0x2,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"Ti
meSinceLastTickle"=0x291357,"DriverPowerState"=0x0,"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0}
|| | | | | "rx-command-count" = 0x8
|| | | | | "DebugState" = {"handled-reports"=0x1,"async-requests"=0x0,"assertion-
count"=0x0,"event"=0x2,"time"=0x86b1098,"session-count"=0x0,"log"={},{},{},{},{},{},{},{},{},{},{},{},{},{},{}},"handled-
commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x3,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x3,"log-index"=0xd}
|| | | | | "EPICName" = "dcpdp-device-epic"
|| | | | | }
|| | | | | +-o DCPDPDeviceProxy <class DCPDPDeviceProxy, id 0x100000651, registered, matched, active, busy 0 (0
ms), retain 6>
|| | | | | {
|| | | | | "IOClass" = "DCPDPDeviceProxy"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.DCPDPFamilyProxy"
|| | | | | "IOProviderClass" = "AFKEndpointInterface"
|| | | | | "IOPropertyMatch" = {"EPICName"="dcpdp-device-epic"}
|| | | | | "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x100,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
|| | | | | "IOUserClientClass" = "DCPDPDeviceProxyUserClient"
|| | | | | "BranchIEEEUI" = 0x0
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "Location" = "Embedded"
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "Unit" = 0x0
|| | | | | "IODPDeviceUserInterfaceSupported" = Yes
|| | | | | "BranchDeviceID" = ""
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.DCPDPFamilyProxy"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.DCPDPFamilyProxy"
|| | | | | }
|| | | | | +-o DCPEndpoint9 <class RTBuddyEndpointService, id 0x100000432, registered, matched, active, busy 0 (66
ms), retain 7>
|| | | | | {
|| | | | | }
|| | | | | }
|| | | | | +-o DCPEndpoint <class DCPEndpoint, id 0x100000440, !registered, !matched, active, busy 0 (14 ms), retain
11>
|| | | | | {
|| | | | | "IOClass" = "DCPEndpoint"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| | | | | "IOProviderClass" = "RTBuddyEndpointService"
|| | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
|| | | | | "SupportsRemoteAllocation" = Yes
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IONameMatch" =
{"DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCPEXTEndpoint1","DCPEXTEndpoint2","DCPEXTEndpoint3","DCPEXTEndpoint4","DC
PEXTEndpoint5","DCPEXTEndpoint6","DCPEXTEndpoint7","DCPEXTEndpoint8","DC$
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "SupportsLocalAllocation" = Yes
|| | | | | "IONameMatched" = "DCPEndpoint9"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | | | | "role" = "DCP"
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | | | | "BaseDebugState" = {"endpoint-state"="on","assertion-count"=0x0,"ep-power-state"=0x0}
|| | | | | "DebugState" = {"queue-rx-full-cnt"=0x0,"queue-rx-size"=0x4000,"queue-tx-size"=0x4000,"queue-
state"=0x1,"queue-tx-full-cnt"=0x0}
```



```

PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCPEXTEndpoint1","DCPEXTEndpoint2","DCPEXTEndpoint3","DCPEXTEndpoint4","DC
PEXTEndpoint5","DCPEXTEndpoint6","DCPEXTEndpoint7","DCPEXTEndpoint8","DC$
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "SupportsLocalAllocation" = Yes
|| | | | "IONameMatched" = "DCPEndpoint14"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | | | "role" = "DCP"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | | | "BaseDebugState" = {"endpoint-state"="on","assertion-count"=0x0,"ep-power-state"=0x0}
|| | | | "DebugState" = {"queue-rx-full-cnt"=0x0,"queue-rx-size"=0x4000,"queue-tx-size"=0x4000,"queue-
state"=0x1,"queue-tx-full-cnt"=0x0}
|| | | | }
|| | | | }
|| | | | +-o afk-remote-allocator <class AFKMailboxEndpointInterface, id 0x10000052b, registered, matched, active,
busy 0 (3 ms), retain 9>
|| | | | {
|| | | | | "IOPowerManagement" =
{"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"ActivityTicks"=0x0,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"Ti
meSinceLastTickle"=0x291387,"DriverPowerState"=0x0,"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0}
|| | | | | "rx-command-count" = 0x8
|| | | | | "interface-id" = 0x0
|| | | | | "name" = "afk-remote-allocator"
|| | | | | "role" = "DCP"
|| | | | | "DebugState" = {"handled-reports"=0x1,"async-requests"=0x0,"assertion-
count"=0x0,"event"=0x5,"time"=0x85a432b,"session-count"=0x0,"log"={},{},{},{"handled-commands"=0x0,"enqueued-
reports"=0x1,"enqueued-commands"=0x0,"isOpen"=0x1,"enqueued-responses"=0x0,"handled-responses"=0x0,"log-
index"=0x3}
|| | | | | }
|| | | | | }
|| | | | | +-o AFKRemoteMemoryDescriptorAllocator <class AFKRemoteMemoryDescriptorAllocator, id
0x100000532, !registered, !matched, active, busy 0, retain 5>
|| | | | | {
|| | | | | | "IOClass" = "AFKRemoteMemoryDescriptorAllocator"
|| | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleFirmwareKit"
|| | | | | | "IOProviderClass" = "AFKEndpointInterface"
|| | | | | | "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
|| | | | | | "IOProbeScore" = 0x0
|| | | | | | "IONameMatch" = "afk-remote-allocator"
|| | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | "IONameMatched" = "afk-remote-allocator"
|| | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleFirmwareKit"
|| | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleFirmwareKit"
|| | | | | | "DebugState" = ()
|| | | | | | }
|| | | | | | }
|| | | | | +-o DCPEndpoint24 <class RTBuddyEndpointService, id 0x10000043a, registered, matched, active, busy 0 (11
ms), retain 7>
|| | | | | {
|| | | | | | }
|| | | | | | }
|| | | | | | }
|| | | | | | +-o AppleDCPLinkServiceSoC <class AppleDCPLinkServiceSoC, id 0x100000446, registered, matched, active,
busy 0 (9 ms), retain 6>
|| | | | | | {
|| | | | | | | "IOProbeScore" = 0x0
|| | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleMobileDispH13G-DCP"
|| | | | | | | "IOProviderClass" = "RTBuddyEndpointService"
|| | | | | | | "IOClass" = "AppleDCPLinkServiceSoC"
|| | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleMobileDispH13G-DCP"
|| | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMobileDispH13G-DCP"
|| | | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | | "IONameMatch" = ("DCPEndpoint24","DCPEXTEndpoint24")
|| | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | | "IONameMatched" = "DCPEndpoint24"
|| | | | | | | "IOUserClientClass" = "AppleDCPLinkService"
|| | | | | | | }
|| | | | | | | }
|| | | | | | +-o RTBuddyService <class RTBuddyService, id 0x100000449, registered, matched, active, busy 0 (32 ms),
retain 22>
|| | | | | | {
|| | | | | | | "IOProbeScore" = 0x0
|| | | | | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| | | | | | | "IOMatchCategory" = "RTBuddyService"
|| | | | | | | "IOClass" = "RTBuddyService"
|| | | | | | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| | | | | | | "IOProviderClass" = "RTBuddy"
|| | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| | | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | | "role" = "DCP"
|| | | | | | | }
|| | | | | | | }
|| | | | | | +-o AFKFirmwareService <class AFKFirmwareService, id 0x100000482, registered, matched, active, busy 0 (7
ms), retain 5>
|| | | | | | {
|| | | | | | | "IOPropertyMatch" = {"role"="DCP"}
|| | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleFirmwareKit"
|| | | | | | | "IOProviderClass" = "RTBuddyService"
|| | | | | | | "IOClass" = "AFKFirmwareService"
|| | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleFirmwareKit"
|| | | | | | | "IOProbeScore" = 0x0
|| | | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | | "Role" = "DCP"
|| | | | | | | }
|| | | | | | | }
|| | | | | | +-o dart-dcp@3130C000 <class AppleARMIODevice, id 0x1000001ce, registered, matched, active, busy 0 (224 ms),
retain 9>
|| | | | | | {
|| | | | | | | "reg" = <00c03031000000000040000000000000>
|| | | | | | | "IOInterruptSpecifiers" = (<bd010000>)
|| | | | | | | "AAPL,phandle" = <cf000000>
|| | | | | | | "bypass" = <00800000>
|| | | | | | | "instance" = <54524144441525441534300>
|| | | | | | | "IODeviceMemory" = ({"address"=0x23130c000,"length"=0x4000})

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|| || "IOReportLegendPublic" = Yes
|| || "remap" = <05000000>
|| || "dart-options" = <45000000>
|| || "tlb-invalid-refetch" = <>
|| || "IOInterruptControllers" = ("IOInterruptController00000070")
|| || "name" = <646172742d64637000>
|| || "interrupt-parent" = <70000000>
|| || "compatible" = <646172742c743830323000>
|| || "page-size" = <00400000>
|| || "interrupts" = <bd010000>
|| || "diag-config" = <00210080>
|| || "I2-tt-0" = <0000f1ff0b0000000200000000000000>
|| || "bypass-address" = <00000000000000000000000000000002>
|| || "vm-base" = <00000000>
|| || "dart-tunables-instance-0" =
<6000000004000000000610080000000000061008000000000068000000040000000f0f0f0000000000f0f0f000000000
006c00000004000000ffff00000000000808080000000000>
|| || "smmu-clock-gating" = <>
|| || "pt-region-0" = <0000f1ff0b000000080f3ff0b0000000>
|| || "error-reflector" = <00c0ff3c02000000>
|| || "device_type" = <6461727400>
|| || "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)", "IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)" ),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)" ),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
|| || "sids" = <01800000>
|| || "vm-size" = <000000fc>
|| || }
|| || }
|| || +-o AppleT8020DART <class AppleT8020DART, id 0x10000328, registered, matched, active, busy 0 (44 ms),
retain 47>
|| || {
|| || | "IOClass" = "AppleT8020DART"
|| || | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| || | "IOProviderClass" = "AppleARMIODevice"
|| || | "IOFunctionParent000000CF" = <>
|| || | "IOPlatformActiveAction" = 0x13880
|| || | "IOUserClientClass" = "IODARTClient"
|| || | "IOPlatformSleepAction" = 0x13880
|| || | "IOProbeScore" = 0x0
|| || | "IONameMatch" = "dart,t8020"
|| || | "IOMatchedAtBoot" = Yes
|| || | "IOMatchCategory" = "IODefaultMatchCategory"
|| || | "IONameMatched" = "dart,t8020"
|| || | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| || | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| || | "iommu-dart-identity" = <cf000000>
|| || | }
|| || | }
|| || +-o mapper-dcp@0 <class IODARTMapperNub, id 0x100001cf, registered, matched, active, busy 0 (41 ms),
retain 8>
|| || {
|| || | "reg" = <00000000>
|| || | "compatible" = <696f6d6d752d6d617070657200>
|| || | "iomd-cache-ttl" = <d0070000>
|| || | "iomd-cache-size" = <40000000>
|| || | "device_type" = <646172742d6d617070657200>
|| || | "AAPL,phandle" = <d0000000>
|| || | "name" = <6d61707065722d64637000>
|| || | }
|| || | }
|| || +-o IODARTMapper <class IODARTMapper, id 0x1000034f, registered, matched, active, busy 0 (30 ms), retain
86>
|| || {
|| || | "IOClass" = "IODARTMapper"
|| || | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| || | "IOProviderClass" = "IODARTMapperNub"
|| || | "iommu-dart-translation" = Yes
|| || | "IOUserClientClass" = "IODARTMapperClient"
|| || | "IOProbeScore" = 0x0
|| || | "IONameMatch" = "iommu-mapper"
|| || | "IOMatchedAtBoot" = Yes
|| || | "IOMatchCategory" = "IODefaultMatchCategory"
|| || | "IONameMatched" = "iommu-mapper"
|| || | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| || | "IOMapperID" = <d0000000>
|| || | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| || | "iommu-initial-translations" =
<0000000000000000000000030010000000000803201000000000080140400000000>
|| || | }
|| || | }
|| || +-o dcp-sac-controller <class AppleARMIODevice, id 0x100001d0, registered, matched, active, busy 0 (156 ms),
retain 8>
|| || {
|| || | "AAPL,phandle" = <d1000000>
|| || | "sac-index-count" = <02000000>
|| || | "function-saca_lcd0" = <21010000414341533064636c>
|| || | "function-saca_lcd1" = <21010000414341533164636c>
|| || | "name" = <6463702d7361632d636f6e74726f6c6c657200>
|| || | "device_type" = <6463702d7361632d636f6e74726f6c6c657200>
|| || | }
|| || | }
|| || +-o DCPAVSACController <class DCPAVSACController, id 0x10000327, registered, matched, active, busy 0 (0
ms), retain 5>
|| || {
|| || | "IOProbeScore" = 0x0
|| || | "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
|| || | "IOProviderClass" = "IOService"
|| || | "IOClass" = "DCPAVSACController"
|| || | "IOPersonalityPublisher" = "com.apple.driver.DCPAVFamilyProxy"
|| || | "CFBundleIdentifierKernel" = "com.apple.driver.DCPAVFamilyProxy"
|| || | "IOMatchedAtBoot" = Yes
|| || | "IONameMatch" = "dcp-sac-controller"
|| || | "IOMatchCategory" = "IODefaultMatchCategory"
|| || | "IONameMatched" = "dcp-sac-controller"
|| || | "role" = "DCP"
```



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    | | | "name" = <6463706578742d65787065727400>
    | | | "compatible" = <6463702d6578706572742d763100>
    | | | "role" = <44435045585400>
    | | | }
    | | | }
    | | | }
    | | | +-o AppleDCPEXpert <class AppleDCPEXpert, id 0x100000317, registered, matched, active, busy 0 (11 ms), retain
36>
    | | | {
    | | | | "IOClass" = "AppleDCPEXpert"
    | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
    | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x2,"MaxPowerState"=0
x1}
    | | | | "DCPEXpertPowerState" = 0x1
    | | | | "IOProbeScore" = 0x0
    | | | | "IONameMatch" = "dcp-expert-v1"
    | | | | "IOMatchedAtBoot" = Yes
    | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | "DCPPowerState" = 0x3
    | | | | "DCPPowerAssertionCount" = 0x2
    | | | | "BootComplete" = Yes
    | | | | "IONameMatched" = "dcp-expert-v1"
    | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
    | | | | "role" = "DCPEXT"
    | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
    | | | | "IOFunctionParent000000D7" = <>
    | | | | }
    | | | | }
    | | | +-o dcpext@71C00000 <class AppleARMIODevice, id 0x1000001d7, registered, matched, active, busy 0 (782 ms),
retain 9>
    | | | | {
    | | | | | "IOInterruptSpecifiers" = (<d3010000>,<d2010000>,<d5010000>,<d4010000>)
    | | | | | "hdcpc-channels" = <0500000006000000>
    | | | | | "iop-version" = <01000000>
    | | | | | "clock-gates" = <910100009201000093010000>
    | | | | | "AAPL,phandle" = <d8000000>
    | | | | | "IODeviceMemory" = ({("address"=0x271c0000,"length"=0x6c000)},
{"address"=0x27185000,"length"=0x4000})
    | | | | | "IOReportLegendPublic" = Yes
    | | | | | "dp-switch-parent" = <66000000>
    | | | | | "iommu-parent" = <db000000>
    | | | | | "IOInterruptControllers" =
{"IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControlle
r00000070")
    | | | | | "name" = <64637065787400>
    | | | | | "interrupt-parent" = <70000000>
    | | | | | "compatible" = <696f702c61736377261702d763400>
    | | | | | "clock-ids" = <>
    | | | | | "interrupts" = <d3010000d2010000d5010000d4010000>
    | | | | | "hdcpc-parent" = <91000000>
    | | | | | "audio" = <dc000000>
    | | | | | "dp-switch-ufp-endpoint" = <00000000>
    | | | | | "dp-switch-ufp-port" = <00000000>
    | | | | | "dcp-soc-vmax-index" = <0100000002000000>
    | | | | | "role" = <44435045585400>
    | | | | | "truncate-dvas" = <>
    | | | | | "IOReportLegend" = ({("IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200020000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200020001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200020002,0x100020001," First Level Interrupt Handler Time (MATUs)'),
(0x496e747200020003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)'),
(0x496e747200020004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)'),"),IORepo$
    | | | | | "device_type" = <64637000>
    | | | | | "power-gates" = <910100009201000093010000>
    | | | | | "reg" = <0000c0710000000000c006000000000000008571000000000400000000000000>
    | | | | | }
    | | | | | }
    | | | | +-o AppleASCWrapV4 <class AppleASCWrapV4, id 0x100000304, !registered, !matched, active, busy 0 (556 ms),
retain 5>
    | | | | | {
    | | | | | | "IOProbeScore" = 0x0
    | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleA7IOP"
    | | | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | | | "IOClass" = "AppleASCWrapV4"
    | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleA7IOP"
    | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleA7IOP"
    | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | "IONameMatch" = "iop,ascwrap-v4"
    | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | "IONameMatched" = "iop,ascwrap-v4"
    | | | | | | "role" = "DCPEXT"
    | | | | | | }
    | | | | | }
    | | | +-o iop-dcpext-nub <class AppleA7IOPNub, id 0x1000001d8, registered, matched, active, busy 0 (556 ms), retain
7>
    | | | | {
    | | | | | "segment-names" = <5f5f544558543b5f5f444154413b756e6b6e6f776e00>
    | | | | | "pre-loaded" = <01000000>
    | | | | | "quiesced" = <>
    | | | | | "compatible" = <696f702d6e75622c727462756464792d763200>
    | | | | | "coredump-enable" = <40000000>
    | | | | | "AAPL,phandle" = <d9000000>
    | | | | | "asc-dram-mask" = <00000000f0000000>
    | | | | | "KDebugCoreID" = 0x10
    | | | | | "running" = <01000000>
    | | | | | "no-firmware-service" = <>
    | | | | | "external-index" = <01000000>
    | | | | | "cold-boot-after-hibernate" = <>
    | | | | | "watchdog-enable" = <>
    | | | | | "segment-ranges" =
<00002100080000000000000000000000002100080000000010600003000000008052d50b000000001060000000
000000000000f00000000030000000000008052d40b000000ffffffffffff000030000f0000000000000102000000
>
    | | | | | "coredump-rel-privacy-approved" = <>
    | | | | | "name" = <696f702d6463706578742d6e756200>
    | | | | | "user-power-managed" = <01000000>
    | | | | | }

```

```

|| | |
|| | | +-o RTBuddyV2 <class RTBuddyV2, id 0x1000047f, registered, matched, active, busy 0 (524 ms), retain 47>
|| | | |{
|| | | | "IOClass" = "RTBuddyV2"
|| | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
|| | | | "IOProviderClass" = "AppleA7IOPNub"
|| | | | "IOPlatformPanicAction" = 0x15ba8
|| | | | "IOUserClientClass" = "RTBuddyUserClient"
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" = "iop-nub,rtbuddy-v2"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IOReportLegend" =
({ "IOReportGroupName" = "DCPEXT", "IOReportChannels" = ((0x5254537475730000, 0x900020002, "status")), "IOReportChan
nelInfo" = ({ "IOReportChannelUnit" = 0x100007980000018, "IOReportSubGroupName" = "IOP State" })
|| | | | "IOReportLegendPublic" = Yes
|| | | | "IOHibernateState" = <00000000>
|| | | | "IONameMatched" = "iop-nub,rtbuddy-v2"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
|| | | | "role" = "DCPEXT"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
|| | | | }
|| | | | }
|| | | +-o RTBuddyIOReportingEndpoint <class RTBuddyIOReportingEndpoint, id 0x10000492, registered, matched,
active, busy 0 (1 ms), retain 7>
|| | | | {
|| | | | "IOReportLegend" =
({ "IOReportGroupName" = "DCPEXT", "IOReportChannels" = ((0x5254494f75636e00, 0x180000001, "update count"),
(0x5254494f6c757000, 0x180000001, "last
update")), "IOReportChannelInfo" = ({ "IOReportChannelUnit" = 0x0, "IOReportSubGroupName" = "IO Reporting statistics",
{ "IOReportGroupName" = "DCPEXT", "IOReportChannels" = ((0x525444757479436c, 0x100020001, "Duty
cycle")), "IOReportChannelInfo" = ({ "IOReportChannelUnit" = 0x0, "IOReportSubGroupName" = "Power" },
{ "IOReportGroupName" = "DCPEXT", "IOReportChannels" = ((0x5254536c70436e74, 0x10002000$
|| | | | | "IOReportLegendPublic" = Yes
|| | | | | }
|| | | | | }
|| | | | +-o DCPEXTEndpoint1 <class RTBuddyEndpointService, id 0x10000494, registered, matched, active, busy 0
(37 ms), retain 7>
|| | | | | {
|| | | | | |{
|| | | | | | }
|| | | | | | }
|| | | | | +-o DCPEndpoint <class DCPEndpoint, id 0x100004b0, !registered, !matched, active, busy 0 (1 ms), retain
11>
|| | | | | | {
|| | | | | | |{
|| | | | | | | "IOClass" = "DCPEndpoint"
|| | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
|| | | | | | | "IOProviderClass" = "RTBuddyEndpointService"
|| | | | | | | "IOPowerManagement" =
{ "ChildrenPowerState" = 0x0, "CurrentPowerState" = 0x0, "CapabilityFlags" = 0x0, "MaxPowerState" = 0x1, "DriverPowerState" = 0
x0 }
|| | | | | | | "SupportsRemoteAllocation" = Yes
|| | | | | | | "IOProbeScore" = 0x0
|| | | | | | | "IONameMatch" =
("DCPEndpoint1", "DCPEndpoint2", "DCPEndpoint3", "DCPEndpoint4", "DCPEndpoint5", "DCPEndpoint6", "DCPEndpoint7", "DC
PEndpoint8", "DCPEndpoint9", "DCPEndpoint10", "DCPEndpoint11", "DCPEndpoint12", "DCPEndpoint13", "DCPEndpoint14", "DC
PEndpoint15", "DCPEndpoint16", "DCPEndpoint17", "DCPEndpoint18", "DCPEndpoint19", "DCPEndpoint20", "DCPEndpoint21", "DC
PEndpoint22", "DCPEndpoint23", "DCPEXTEndpoint1", "DCPEXTEndpoint2", "DCPEXTEndpoint3", "DCPEXTEndpoint4", "DC
PEXTEndpoint5", "DCPEXTEndpoint6", "DCPEXTEndpoint7", "DCPEXTEndpoint8", "DC$
|| | | | | | | "IOMatchedAtBoot" = Yes
|| | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | | | "SupportsLocalAllocation" = Yes
|| | | | | | | "IONameMatched" = "DCPEXTEndpoint1"
|| | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
|| | | | | | | "role" = "DCPEXT"
|| | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
|| | | | | | | "BaseDebugState" = { "endpoint-state" = "on", "assertion-count" = 0x0, "ep-power-state" = 0x0 }
|| | | | | | | "DebugState" = { "queue-rx-full-cnt" = 0x0, "queue-rx-size" = 0x4000, "queue-tx-size" = 0x4000, "queue-
state" = 0x1, "queue-tx-full-cnt" = 0x0 }
|| | | | | | | }
|| | | | | | | }
|| | | | | +-o system <class AFKMailboxEndpointInterface, id 0x1000053e, registered, matched, active, busy 0 (1
ms), retain 7>
|| | | | | | {
|| | | | | | | "reg-chunk" = No
|| | | | | | | "rx-command-count" = 0x8
|| | | | | | | "interface-id" = 0x0
|| | | | | | | "IOPowerManagement" =
{ "IdleTimerPeriod" = 0x3e8, "ActivityTickles" = 0x0, "CurrentPowerState" = 0x0, "CapabilityFlags" = 0x0, "MaxPowerState" = 0x1, "D
riverPowerState" = 0x0 }
|| | | | | | | "role" = "DCPEXT"
|| | | | | | | "DebugState" = { "handled-reports" = 0x1, "async-requests" = 0x0, "assertion-
count" = 0x0, "event" = 0x3, "time" = 0x85af943, "session-count" = 0x0, "log" = ({}), "handled-commands" = 0x0, "enqueued-
reports" = 0x0, "enqueued-commands" = 0x0, "isOpen" = 0x0, "enqueued-responses" = 0x0, "handled-responses" = 0x0, "log-
index" = 0x1 }
|| | | | | | | }
|| | | | | | | }
|| | | | | +-o powerlog-service <class AFKMailboxEndpointInterface, id 0x1000056c, registered, matched, active,
busy 0 (0 ms), retain 7>
|| | | | | | {
|| | | | | | | "rx-command-count" = 0x8
|| | | | | | | "interface-id" = 0x1
|| | | | | | | "IOPowerManagement" =
{ "IdleTimerPeriod" = 0x3e8, "ActivityTickles" = 0x0, "CurrentPowerState" = 0x0, "CapabilityFlags" = 0x0, "MaxPowerState" = 0x1, "D
riverPowerState" = 0x0 }
|| | | | | | | "role" = "DCPEXT"
|| | | | | | | "DebugState" = { "handled-reports" = 0x1, "async-requests" = 0x0, "assertion-
count" = 0x0, "event" = 0x3, "time" = 0x85e6c94, "session-count" = 0x0, "log" = ({}), "handled-commands" = 0x0, "enqueued-
reports" = 0x0, "enqueued-commands" = 0x0, "isOpen" = 0x0, "enqueued-responses" = 0x0, "handled-responses" = 0x0, "log-
index" = 0x1 }
|| | | | | | | }
|| | | | | | | }
|| | | | | +-o DCPEXTEndpoint2 <class RTBuddyEndpointService, id 0x10000495, registered, matched, active, busy 0
(33 ms), retain 7>
|| | | | | | {
|| | | | | | |{
|| | | | | | | }
|| | | | | | | }
|| | | | | +-o DCPEndpoint <class DCPEndpoint, id 0x100004ae, !registered, !matched, active, busy 0, retain 5>
|| | | | | | {

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    | | | | "IOClass" = "DCPEndpoint"
    | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
    | | | | "IOProviderClass" = "RTBuddyEndpointService"
    | | | | "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
    | | | | "SupportsRemoteAllocation" = Yes
    | | | | "IOProbeScore" = 0x0
    | | | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCPEXTEndpoint1","DCPEXTEndpoint2","DCPEXTEndpoint3","DCPEXTEndpoint4","DC
PEXTEndpoint5","DCPEXTEndpoint6","DCPEXTEndpoint7","DCPEXTEndpoint8","DC$
    | | | | "IOMatchedAtBoot" = Yes
    | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | "SupportsLocalAllocation" = Yes
    | | | | "IONameMatched" = "DCPEXTEndpoint2"
    | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
    | | | | "role" = "DCPEXT"
    | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
    | | | | "BaseDebugState" = {"endpoint-state"="on","assertion-count"=0x0,"ep-power-state"=0x0}
    | | | | "DebugState" = {"queue-rx-full-cnt"=0x0,"queue-rx-size"=0x4000,"queue-tx-size"=0x4000,"queue-
state"=0x1,"queue-tx-full-cnt"=0x0}
    | | | | }
    | | | | }
    | | | | +-o DCPEXTEndpoint3 <class RTBuddyEndpointService, id 0x100000496, registered, matched, active, busy 0
(37 ms), retain 7>
    | | | | |{
    | | | | |}
    | | | | |}
    | | | | +-o DCPEndpoint <class DCPEndpoint, id 0x1000004ac, !registered, !matched, active, busy 0 (0 ms), retain
8>
    | | | | |{
    | | | | | | "IOClass" = "DCPEndpoint"
    | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
    | | | | | | "IOProviderClass" = "RTBuddyEndpointService"
    | | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
    | | | | | | "SupportsRemoteAllocation" = Yes
    | | | | | | "IOProbeScore" = 0x0
    | | | | | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCPEXTEndpoint1","DCPEXTEndpoint2","DCPEXTEndpoint3","DCPEXTEndpoint4","DC
PEXTEndpoint5","DCPEXTEndpoint6","DCPEXTEndpoint7","DCPEXTEndpoint8","DC$
    | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | "SupportsLocalAllocation" = Yes
    | | | | | | "IONameMatched" = "DCPEXTEndpoint3"
    | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
    | | | | | | "role" = "DCPEXT"
    | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
    | | | | | | "BaseDebugState" = {"endpoint-state"="on","assertion-count"=0x0,"ep-power-state"=0x0}
    | | | | | | "DebugState" = {"queue-rx-full-cnt"=0x0,"queue-rx-size"=0x4000,"queue-tx-size"=0x4000,"queue-
state"=0x1,"queue-tx-full-cnt"=0x0}
    | | | | | | }
    | | | | | | }
    | | | | | +-o dcpexpert-service <class AFKMailboxEndpointInterface, id 0x10000058b, registered, matched, active,
busy 0 (0 ms), retain 7>
    | | | | | {
    | | | | | | "rx-command-count" = 0x8
    | | | | | | "interface-id" = No
    | | | | | | "IOPowerManagement" =
{"IdleTimerPeriod"=0x3e8,"ActivityTickles"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"D
riverPowerState"=0x0}
    | | | | | | "role" = "DCPEXT"
    | | | | | | "DebugState" = {"handled-reports"=0x1,"async-requests"=0x0,"assertion-
count"=0x0,"event"=0x3,"time"=0x860e24c,"session-count"=0x0,"log"={}, "handled-commands"=0x0,"enqueued-
reports"=0x0,"enqueued-commands"=0x0,"isOpen"=0x0,"enqueued-responses"=0x0,"handled-responses"=0x0,"log-
index"=0x1}
    | | | | | | }
    | | | | | | }
    | | | | | +-o DCPEXTEndpoint4 <class RTBuddyEndpointService, id 0x100000497, registered, matched, active, busy 0
(37 ms), retain 7>
    | | | | | |{
    | | | | | |}
    | | | | | |}
    | | | | | +-o DCPEndpoint <class DCPEndpoint, id 0x1000004ab, !registered, !matched, active, busy 0 (8 ms), retain
8>
    | | | | | |{
    | | | | | | | "IOClass" = "DCPEndpoint"
    | | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
    | | | | | | | "IOProviderClass" = "RTBuddyEndpointService"
    | | | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
    | | | | | | | "SupportsRemoteAllocation" = Yes
    | | | | | | | "IOProbeScore" = 0x0
    | | | | | | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCPEXTEndpoint1","DCPEXTEndpoint2","DCPEXTEndpoint3","DCPEXTEndpoint4","DC
PEXTEndpoint5","DCPEXTEndpoint6","DCPEXTEndpoint7","DCPEXTEndpoint8","DC$
    | | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | | "SupportsLocalAllocation" = Yes
    | | | | | | | "IONameMatched" = "DCPEXTEndpoint4"
    | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
    | | | | | | | "role" = "DCPEXT"
    | | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
    | | | | | | | "BaseDebugState" = {"endpoint-state"="on","assertion-count"=0x0,"ep-power-state"=0x0}
    | | | | | | | "DebugState" = {"queue-rx-full-cnt"=0x0,"queue-rx-size"=0x4000,"queue-tx-size"=0x4000,"queue-
state"=0x1,"queue-tx-full-cnt"=0x0}
    | | | | | | | }
    | | | | | | | }

```



```

PEXTEndpoint5", "DCPEXTEndpoint6", "DCPEXTEndpoint7", "DCPEXTEndpoint8", "DC$
  | | | | "IOMatchedAtBoot" = Yes
  | | | | "IOMatchCategory" = "IODefaultMatchCategory"
  | | | | "SupportsLocalAllocation" = Yes
  | | | | "IONameMatched" = "DCPEXTEndpoint6"
  | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
  | | | | "role" = "DCPEXT"
  | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
  | | | | "BaseDebugState" = {"endpoint-state"="on", "assertion-count"=0x0, "ep-power-state"=0x0}
  | | | | "DebugState" = {"queue-rx-full-cnt"=0x0, "queue-rx-size"=0x4000, "queue-tx-size"=0x4000, "queue-
state"=0x1, "queue-tx-full-cnt"=0x0}
  | | | | }
  | | | | }
  | | | | +-o DCPEXTEndpoint7 <class RTBuddyEndpointService, id 0x10000049a, registered, matched, active, busy 0
(41 ms), retain 7>
  | | | | |{
  | | | | |}
  | | | | |}
  | | | | +-o DCPEndpoint <class DCPEndpoint, id 0x1000004d7, !registered, !matched, active, busy 0, retain 5>
  | | | | |{
  | | | | | "IOClass" = "DCPEndpoint"
  | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
  | | | | | "IOProviderClass" = "RTBuddyEndpointService"
  | | | | | "IOPowerManagement" =
{"CurrentPowerState"=0x0, "CapabilityFlags"=0x0, "MaxPowerState"=0x1, "DriverPowerState"=0x0}
  | | | | | "SupportsRemoteAllocation" = Yes
  | | | | | "IOProbeScore" = 0x0
  | | | | | "IONameMatch" =
("DCPEndpoint1", "DCPEndpoint2", "DCPEndpoint3", "DCPEndpoint4", "DCPEndpoint5", "DCPEndpoint6", "DCPEndpoint7", "DC
PEndpoint8", "DCPEndpoint9", "DCPEndpoint10", "DCPEndpoint11", "DCPEndpoint12", "DCPEndpoint13", "DCPEndpoint14", "DC
PEndpoint15", "DCPEndpoint16", "DCPEndpoint17", "DCPEndpoint18", "DCPEndpoint19", "DCPEndpoint20", "DCPEndpoint21", "
DCPEndpoint22", "DCPEndpoint23", "DCPEXTEndpoint1", "DCPEXTEndpoint2", "DCPEXTEndpoint3", "DCPEXTEndpoint4", "DC
PEXTEndpoint5", "DCPEXTEndpoint6", "DCPEXTEndpoint7", "DCPEXTEndpoint8", "DC$
  | | | | | "IOMatchedAtBoot" = Yes
  | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
  | | | | | "SupportsLocalAllocation" = Yes
  | | | | | "IONameMatched" = "DCPEXTEndpoint7"
  | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
  | | | | | "role" = "DCPEXT"
  | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
  | | | | | "BaseDebugState" = {"endpoint-state"="on", "assertion-count"=0x0, "ep-power-state"=0x0}
  | | | | | "DebugState" = {"queue-rx-full-cnt"=0x0, "queue-rx-size"=0x4000, "queue-tx-size"=0x4000, "queue-
state"=0x1, "queue-tx-full-cnt"=0x0}
  | | | | | }
  | | | | | }
  | | | | +-o DCPEXTEndpoint8 <class RTBuddyEndpointService, id 0x10000049b, registered, matched, active, busy 0
(41 ms), retain 7>
  | | | | |{
  | | | | |}
  | | | | |}
  | | | | +-o DCPEndpoint <class DCPEndpoint, id 0x1000004d1, !registered, !matched, active, busy 0 (3 ms), retain
11>
  | | | | |{
  | | | | | "IOClass" = "DCPEndpoint"
  | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
  | | | | | "IOProviderClass" = "RTBuddyEndpointService"
  | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0, "CurrentPowerState"=0x0, "CapabilityFlags"=0x0, "MaxPowerState"=0x1, "DriverPowerState"=0
x0}
  | | | | | "SupportsRemoteAllocation" = Yes
  | | | | | "IOProbeScore" = 0x0
  | | | | | "IONameMatch" =
("DCPEndpoint1", "DCPEndpoint2", "DCPEndpoint3", "DCPEndpoint4", "DCPEndpoint5", "DCPEndpoint6", "DCPEndpoint7", "DC
PEndpoint8", "DCPEndpoint9", "DCPEndpoint10", "DCPEndpoint11", "DCPEndpoint12", "DCPEndpoint13", "DCPEndpoint14", "DC
PEndpoint15", "DCPEndpoint16", "DCPEndpoint17", "DCPEndpoint18", "DCPEndpoint19", "DCPEndpoint20", "DCPEndpoint21", "
DCPEndpoint22", "DCPEndpoint23", "DCPEXTEndpoint1", "DCPEXTEndpoint2", "DCPEXTEndpoint3", "DCPEXTEndpoint4", "DC
PEXTEndpoint5", "DCPEXTEndpoint6", "DCPEXTEndpoint7", "DCPEXTEndpoint8", "DC$
  | | | | | "IOMatchedAtBoot" = Yes
  | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
  | | | | | "SupportsLocalAllocation" = Yes
  | | | | | "IONameMatched" = "DCPEXTEndpoint8"
  | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
  | | | | | "role" = "DCPEXT"
  | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
  | | | | | "BaseDebugState" = {"endpoint-state"="on", "assertion-count"=0x0, "ep-power-state"=0x0}
  | | | | | "DebugState" = {"queue-rx-full-cnt"=0x0, "queue-rx-size"=0x4000, "queue-tx-size"=0x4000, "queue-
state"=0x1, "queue-tx-full-cnt"=0x0}
  | | | | | }
  | | | | | }
  | | | | +-o DCPDPDevice <class AFKMailboxEndpointInterface, id 0x100000824, registered, matched, active, busy
0 (2 ms), retain 8>
  | | | | |{
  | | | | | "interface-id" = 0x0
  | | | | | "EPICProviderClass" = "DCPDPDevice"
  | | | | | "EPICLocation" = "External"
  | | | | | "role" = "DCPEXT"
  | | | | | "EPICUnit" = 0x0
  | | | | | "IOPowerManagement" =
{"CapabilityFlags"=0x0, "MaxPowerState"=0x1, "ActivityTickles"=0x2, "DevicePowerState"=0x0, "IdleTimerPeriod"=0x3e8, "Ti
meSinceLastTickle"=0x290a3b, "DriverPowerState"=0x0, "CurrentPowerState"=0x0}
  | | | | | "rx-command-count" = 0x8
  | | | | | "DebugState" = {"handled-reports"=0x12, "async-requests"=0x0, "assertion-
count"=0x0, "event"=0x3, "time"=0x2dbd0aa4, "session-count"=0x0, "log"={}, {}, {}, {}, {}, {}, {}, {}, {}, {}, {}, {}, {}, {}, {}, {}
}, {}, {}, {}, {}, {"handled-commands"=0x0, "enqueued-reports"=0x1, "enqueued-
commands"=0x2, "isOpen"=0x1, "enqueued-responses"=0x0, "handled-responses"=0x2, "log-index"=0x1c}
  | | | | | "EPICName" = "dcpav-device-epic"
  | | | | | }
  | | | | | }
  | | | | +-o DCPAVDeviceProxy <class DCPAVDeviceProxy, id 0x100000826, registered, matched, active, busy 0 (0
ms), retain 5>
  | | | | |{
  | | | | | "IOClass" = "DCPAVDeviceProxy"
  | | | | | "CFBundleIdentifier" = "com.apple.driver.DCPAVFamilyProxy"
  | | | | | "IOProviderClass" = "AFKEndpointInterface"
  | | | | | "IOPropertyMatch" = {"EPICName"="dcpav-device-epic"}
  | | | | | "IOUserClientClass" = "DCPAVDeviceProxyUserClient"
  | | | | | "IOProbeScore" = 0x0
  | | | | | "IOMatchedAtBoot" = Yes

```



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    || | | | | "IOPropertyMatch" = {"EPICName"="dcpdptx-hdcp-interface"}
    || | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCPDPTXProxy"
    || | | | | "IOProviderClass" = "AFKEndpointInterface"
    || | | | | "IOClass" = "AppleDCPDPTXRemoteHDCPInterfaceProxy"
    || | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCPDPTXProxy"
    || | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCPDPTXProxy"
    || | | | | "IOProbeScore" = 0x0
    || | | | | "IOMatchedAtBoot" = Yes
    || | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | | | "Location" = "External"
    || | | | | "Unit" = 0x1
    || | | | | }
    || | | | | }
    || | | | | +-o AppleDCPDPTXHDCP1Controller <class AFKMailboxEndpointInterface, id 0x100000bbc, registered,
matched, active, busy 0 (2 ms), retain 8>
    || | | | | {
    || | | | | | "interface-id" = 0x4
    || | | | | | "EPICName" = "dcpdptx-hdcp-auth-session"
    || | | | | | "EPICLocation" = "External"
    || | | | | | "EPICProviderClass" = "AppleDCPDPTXHDCP1Controller"
    || | | | | | "role" = "DCPEXT"
    || | | | | | "EPICUnit" = 0x0
    || | | | | | "IOPowerManagement" =
{"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"ActivityTicks"=0x5,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"Ti
meSinceLastTickle"=0x28aefd,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
    || | | | | | "rx-command-count" = 0x8
    || | | | | | "DebugState" = {"handled-reports"=0x1,"async-requests"=0x0,"assertion-
count"=0x0,"event"=0x5,"time"=0x2d302f8d,"session-count"=0x0,"log"={0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0},
{"handled-commands"=0x0,"enqueued-reports"=0x1,"enqueued-commands"=0x5,"isOpen"=0x1,"enqueued-
responses"=0x0,"handled-responses"=0x5,"log-index"=0x17}
    || | | | | | "HDCPMessageTransportType" = "IODPHDCPMessageTransport"
    || | | | | | }
    || | | | | | }
    || | | | | +-o AppleDCPDPTXRemoteHDCPAuthSessionProxy <class AppleDCPDPTXRemoteHDCPAuthSessionProxy,
id 0x100000bbe,!registered,!matched, active, busy 0, retain 4>
    || | | | | {
    || | | | | | "IOPropertyMatch" = {"EPICName"="dcpdptx-hdcp-auth-session"}
    || | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCPDPTXProxy"
    || | | | | | "IOProviderClass" = "AFKEndpointInterface"
    || | | | | | "IOClass" = "AppleDCPDPTXRemoteHDCPAuthSessionProxy"
    || | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCPDPTXProxy"
    || | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCPDPTXProxy"
    || | | | | | "IOProbeScore" = 0x0
    || | | | | | "IOMatchedAtBoot" = Yes
    || | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | | | | "Location" = "External"
    || | | | | | "Unit" = 0x0
    || | | | | | }
    || | | | | | }
    || | | | | +-o AppleDCPDPTXHDCP2Controller <class AFKMailboxEndpointInterface, id 0x100000bbf, registered,
matched, active, busy 0 (2 ms), retain 8>
    || | | | | {
    || | | | | | "interface-id" = 0x5
    || | | | | | "EPICName" = "dcpdptx-hdcp-auth-session"
    || | | | | | "EPICLocation" = "External"
    || | | | | | "EPICProviderClass" = "AppleDCPDPTXHDCP2Controller"
    || | | | | | "role" = "DCPEXT"
    || | | | | | "EPICUnit" = 0x0
    || | | | | | "IOPowerManagement" =
{"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"ActivityTicks"=0x5,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"Ti
meSinceLastTickle"=0x28aefa,"DriverPowerState"=0x0,"CurrentPowerState"=0x0}
    || | | | | | "rx-command-count" = 0x8
    || | | | | | "DebugState" = {"handled-reports"=0x1,"async-requests"=0x0,"assertion-
count"=0x0,"event"=0x5,"time"=0x2d319dd7,"session-count"=0x0,"log"={0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0},
{"handled-commands"=0x4,"enqueued-reports"=0x8,"enqueued-commands"=0x5,"isOpen"=0x1,"enqueued-
responses"=0x4,"handled-responses"=0x5,"log-index"=0x17}
    || | | | | | "HDCPMessageTransportType" = "IODPHDCPMessageTransport"
    || | | | | | }
    || | | | | | }
    || | | | | +-o AppleDCPDPTXRemoteHDCPAuthSessionProxy <class AppleDCPDPTXRemoteHDCPAuthSessionProxy,
id 0x100000bc1,!registered,!matched, active, busy 0, retain 4>
    || | | | | {
    || | | | | | "IOPropertyMatch" = {"EPICName"="dcpdptx-hdcp-auth-session"}
    || | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCPDPTXProxy"
    || | | | | | "IOProviderClass" = "AFKEndpointInterface"
    || | | | | | "IOClass" = "AppleDCPDPTXRemoteHDCPAuthSessionProxy"
    || | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCPDPTXProxy"
    || | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCPDPTXProxy"
    || | | | | | "IOProbeScore" = 0x0
    || | | | | | "IOMatchedAtBoot" = Yes
    || | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | | | | "Location" = "External"
    || | | | | | "Unit" = 0x0
    || | | | | | }
    || | | | | | }
    || | | | | +-o DCPEXTEndpoint13 <class RTBuddyEndpointService, id 0x1000004a0, registered, matched, active, busy 0
(35 ms), retain 7>
    || | | | | {
    || | | | | | }
    || | | | | | }
    || | | | | +-o DCPEXTEndpoint <class DCPEXTEndpoint, id 0x1000004cc,!registered,!matched, active, busy 0, retain 5>
    || | | | | {
    || | | | | | "IOClass" = "DCPEXTEndpoint"
    || | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
    || | | | | | "IOProviderClass" = "RTBuddyEndpointService"
    || | | | | | "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
    || | | | | | "SupportsRemoteAllocation" = Yes
    || | | | | | "IOProbeScore" = 0x0
    || | | | | | "IONameMatch" =
{"DCPEXTEndpoint1","DCPEXTEndpoint2","DCPEXTEndpoint3","DCPEXTEndpoint4","DCPEXTEndpoint5","DCPEXTEndpoint6","DCPEXTEndpoint7","DCPEXTEndpoint8","DC
PEXTEndpoint9","DCPEXTEndpoint10","DCPEXTEndpoint11","DCPEXTEndpoint12","DCPEXTEndpoint13","DCPEXTEndpoint14","DCPEXTEndpoint15","DCPEXTEndpoint16","DCPEXTEndpoint17","DCPEXTEndpoint18","DCPEXTEndpoint19","DCPEXTEndpoint20","DCPEXTEndpoint21","DCPEXTEndpoint22","DCPEXTEndpoint23","DCPEXTEndpoint24","DCPEXTEndpoint25","DCPEXTEndpoint26","DCPEXTEndpoint27","DCPEXTEndpoint28","DCPEXTEndpoint29","DCPEXTEndpoint30","DCPEXTEndpoint31","DCPEXTEndpoint32","DCPEXTEndpoint33","DCPEXTEndpoint34","DCPEXTEndpoint35","DCPEXTEndpoint36","DCPEXTEndpoint37","DCPEXTEndpoint38","DCPEXTEndpoint39","DCPEXTEndpoint40","DCPEXTEndpoint41","DCPEXTEndpoint42","DCPEXTEndpoint43","DCPEXTEndpoint44","DCPEXTEndpoint45","DCPEXTEndpoint46","DCPEXTEndpoint47","DCPEXTEndpoint48","DCPEXTEndpoint49","DCPEXTEndpoint50"}
    || | | | | | "IOMatchedAtBoot" = Yes
    || | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | | | | "SupportsLocalAllocation" = Yes

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    | | | | "IONameMatched" = "DCPEXTEndpoint13"
    | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
    | | | | "role" = "DCPEXT"
    | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
    | | | | "BaseDebugState" = {"endpoint-state"="on","assertion-count"=0x0,"ep-power-state"=0x0}
    | | | | "DebugState" = {"queue-rx-full-cnt"=0x0,"queue-rx-size"=0x4000,"queue-tx-size"=0x4000,"queue-
state"=0x1,"queue-tx-full-cnt"=0x0}
    | | | | }
    | | | | }
    | | | | +-o DCPEXTEndpoint14 <class RTBuddyEndpointService, id 0x1000004a1, registered, matched, active, busy 0
(40 ms), retain 7>
    | | | | |{
    | | | | |}
    | | | | }
    | | | | +-o DCPEndpoint <class DCPEndpoint, id 0x1000004c3, !registered, !matched, active, busy 0 (6 ms), retain
8>
    | | | | |{
    | | | | | | "IOClass" = "DCPEndpoint"
    | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleDCP"
    | | | | | | "IOProviderClass" = "RTBuddyEndpointService"
    | | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0
x0}
    | | | | | | "SupportsRemoteAllocation" = Yes
    | | | | | | "IOProbeScore" = 0x0
    | | | | | | "IONameMatch" =
("DCPEndpoint1","DCPEndpoint2","DCPEndpoint3","DCPEndpoint4","DCPEndpoint5","DCPEndpoint6","DCPEndpoint7","DC
PEndpoint8","DCPEndpoint9","DCPEndpoint10","DCPEndpoint11","DCPEndpoint12","DCPEndpoint13","DCPEndpoint14","DC
PEndpoint15","DCPEndpoint16","DCPEndpoint17","DCPEndpoint18","DCPEndpoint19","DCPEndpoint20","DCPEndpoint21","
DCPEndpoint22","DCPEndpoint23","DCPEXTEndpoint1","DCPEXTEndpoint2","DCPEXTEndpoint3","DCPEXTEndpoint4","DC
PEXTEndpoint5","DCPEXTEndpoint6","DCPEXTEndpoint7","DCPEXTEndpoint8","DC$
    | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | "SupportsLocalAllocation" = Yes
    | | | | | | "IONameMatched" = "DCPEXTEndpoint14"
    | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleDCP"
    | | | | | | "role" = "DCPEXT"
    | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleDCP"
    | | | | | | "BaseDebugState" = {"endpoint-state"="on","assertion-count"=0x0,"ep-power-state"=0x0}
    | | | | | | "DebugState" = {"queue-rx-full-cnt"=0x0,"queue-rx-size"=0x4000,"queue-tx-size"=0x4000,"queue-
state"=0x1,"queue-tx-full-cnt"=0x0}
    | | | | | | }
    | | | | | | }
    | | | | | +-o afk-remote-allocator <class AFKMailboxEndpointInterface, id 0x100000535, registered, matched, active,
busy 0 (6 ms), retain 9>
    | | | | | |{
    | | | | | | | "IOPowerManagement" =
{"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"ActivityTickles"=0x0,"DevicePowerState"=0x0,"IdleTimerPeriod"=0x3e8,"Ti
meSinceLastTickle"=0x29138f,"DriverPowerState"=0x0,"ChildrenPowerState"=0x0,"CurrentPowerState"=0x0}
    | | | | | | | "rx-command-count" = 0x8
    | | | | | | | "interface-id" = 0x0
    | | | | | | | "name" = "afk-remote-allocator"
    | | | | | | | "role" = "DCPEXT"
    | | | | | | | "DebugState" = {"handled-reports"=0x1,"async-requests"=0x0,"assertion-
count"=0x0,"event"=0x5,"time"=0x85c17ea,"session-count"=0x0,"log"={},{},{},{"handled-commands"=0x0,"enqueued-
reports"=0x1,"enqueued-commands"=0x0,"isOpen"=0x1,"enqueued-responses"=0x0,"handled-responses"=0x0,"log-
index"=0x3}
    | | | | | | | }
    | | | | | | | }
    | | | | | | +-o AFKRemoteMemoryDescriptorAllocator <class AFKRemoteMemoryDescriptorAllocator, id
0x100000549, !registered, !matched, active, busy 0, retain 5>
    | | | | | | |{
    | | | | | | | | "IOClass" = "AFKRemoteMemoryDescriptorAllocator"
    | | | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleFirmwareKit"
    | | | | | | | | "IOProviderClass" = "AFKEndpointInterface"
    | | | | | | | | "IOPowerManagement" =
{"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x0}
    | | | | | | | | "IOProbeScore" = 0x0
    | | | | | | | | "IONameMatch" = "afk-remote-allocator"
    | | | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | | | "IONameMatched" = "afk-remote-allocator"
    | | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleFirmwareKit"
    | | | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleFirmwareKit"
    | | | | | | | | "DebugState" = ()
    | | | | | | | | }
    | | | | | | | | }
    | | | | | | +-o DCPEXTEndpoint24 <class RTBuddyEndpointService, id 0x1000004a2, registered, matched, active, busy 0
(2 ms), retain 7>
    | | | | | | |{
    | | | | | | | |{
    | | | | | | | |}
    | | | | | | | |}
    | | | | | | | +-o AppleDCPLinkServiceSoC <class AppleDCPLinkServiceSoC, id 0x1000004ad, registered, matched, active,
busy 0 (0 ms), retain 6>
    | | | | | | | |{
    | | | | | | | | | "IOProbeScore" = 0x0
    | | | | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleMobileDispH13G-DCP"
    | | | | | | | | | "IOProviderClass" = "RTBuddyEndpointService"
    | | | | | | | | | "IOClass" = "AppleDCPLinkServiceSoC"
    | | | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleMobileDispH13G-DCP"
    | | | | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMobileDispH13G-DCP"
    | | | | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | | | | "IONameMatch" = ("DCPEndpoint24","DCPEXTEndpoint24")
    | | | | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | | | | "IONameMatched" = "DCPEXTEndpoint24"
    | | | | | | | | | "IOUserClientClass" = "AppleDCPLinkService"
    | | | | | | | | | }
    | | | | | | | | }
    | | | | | | +-o RTBuddyService <class RTBuddyService, id 0x1000004aa, registered, matched, active, busy 0 (15 ms),
retain 22>
    | | | | | | |{
    | | | | | | | | "IOProbeScore" = 0x0
    | | | | | | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
    | | | | | | | | "IOMatchCategory" = "RTBuddyService"
    | | | | | | | | "IOClass" = "RTBuddyService"
    | | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
    | | | | | | | | "IOProviderClass" = "RTBuddy"
    | | | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
```



```

|| || {
|| || "dma-channels" = <6600000020000000000000000080000000800000000000000000000000000000>
|| || "power-gates" = <46000000>
|| || "clock-gates" = <46000000>
|| || "dma-parent" = <9a000000>
|| || "function-device_reset_dpa" = <870000005453524146000000>
|| || "device_type" = <64702d617564696f3100>
|| || "name" = <64702d617564696f3100>
|| || "AAPL,phandle" = <dc000000>
|| || }
|| || }
|| | +-o IOVAudioDMADelegate <class IOVAudioDMADelegate, id 0x100000840, registered, matched, active, busy 0
(0 ms), retain 6>
|| | {
|| | "TransferInformation" = {"TransferAttempts"=0x28b6,"TransferCompletions"=0x28b4}
|| | }
|| | }
|| | +-o scaler0@63000000 <class AppleARMIODevice, id 0x1000001dc, registered, matched, active, busy 0 (1312 ms),
retain 9>
|| | {
|| | "IOInterruptSpecifiers" = (<57020000>,<59020000>)
|| | "coprovider-group" = <7363616c65722000>
|| | "clock-gates" = <320100005e000000>
|| | "AAPL,phandle" = <dd000000>
|| | "IODeviceMemory" = (({"address"=0x26300000,"length"=0x28000}),
({"address"=0x26321000,"length"=0x4000}))
|| | "IOReportLegendPublic" = Yes
|| | "iommu-parent" = <df000000e0000000>
|| | "IOInterruptControllers" = {"IOInterruptController00000070","IOInterruptController00000070"}
|| | "name" = <7363616c65722000>
|| | "function-device_reset" = <87000000545352415d000000>
|| | "interrupt-parent" = <70000000>
|| | "workload-priority" = <05000000>
|| | "compatible" = <7363616c65722c7438313033007363616c65722c73356c383936307800>
|| | "interrupts" = <5702000059020000>
|| | "clock-ids" = <6d010000>
|| | "hardware-version" = <0a000000>
|| | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),,"IORepo$
|| | "device_type" = <7363616c657200>
|| | "power-gates" = <320100005e000000>
|| | "reg" = <00000063000000000080020000000000002163000000000400000000000000>
|| | }
|| | }
|| | +-o AppleM2ScalerCSCDriver <class AppleM2ScalerCSCDriver, id 0x100000302, registered, matched, active, busy
0 (1039 ms), retain 11>
|| | {
|| | "EnableStickyRegistersDump" = No
|| | "IOMatchedAtBoot" = Yes
|| | "EnableFiltersNoRewriteMode" = No
|| | "IOSurfaceAcceleratorCapabilitiesDict" =
{"IOSurfaceAcceleratorFormatOut2Planes444"=0x1,"IOSurfaceAcceleratorCapabilities16bitYCbCr"=0x1,"IOSurfaceAcceleratorFormatInLumaOnlyL010"=0x1,"IOSurfaceAcceleratorCapabilities12bitYCbCr"=0x1,"IOSurfaceAcceleratorFormatInARGB8101010"=0x1,"IOSurfaceAcceleratorCapabilitiesInterchangeSubblockSize"=0x4,"IOSurfaceAcceleratorFormatInPlaneYCbCr10422"=0x1,"IOSurfaceAcceleratorFormatOutPMARGB8888"=0x1,"IOSurfaceAcceleratorCapabilitiesSourceXYOffsetsWithTiling"=0x1,"IOSurfaceAcceleratorFormatIn$
|| | "EnableCacheHints" = Yes
|| | "ErrorPathCurrentID" = 0x0
|| | "EnableKernelTests" = No
|| | "WorkloadPriority" = 0x0
|| | "EnableNullDriver" = No
|| | "DisableMsbReplicationWorkaround" = 0x0
|| | "TransformDumpLevel" = 0x0
|| | "ScalerUsage_0" = 0x13242
|| | "ForcedTimeoutModeEnable" = No
|| | "FakePowerState" = No
|| | "IONameMatched" = "scaler,s5i8960x"
|| | "EnableCompletionRegistersDump" = No
|| | "ScalerLoad_0" = 0x4347f905f0
|| | "ScalerEndTime_0" = 0x27421dd1615
|| | "EnableNullKickoff" = No
|| | "420VerticalCositing" = No
|| | "OverrideDARTPower" = No
|| | "IOPersonalityPublisher" = "com.apple.driver.AppleM2ScalerCSCDriver"
|| | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | "ActiveDartStartTime_0" = 0x27421c5405b
|| | "ChromaDownsamplingCositingMethod" = 0x0
|| | "NumScalers" = 0x1
|| | "EnableMSRPowerDown" = Yes
|| | "EnableArbitraryDebug" = 0x0
|| | "ErrorPathState" = 0x0
|| | "EnableBringup" = 0x0
|| | "ScalerStartTime_0" = 0x27421c81c4a
|| | "DisableDeRinging" = No
|| | "DisableTimeoutRegisterDump" = No
|| | "CFBundleIdentifier" = "com.apple.driver.AppleM2ScalerCSCDriver"
|| | "DclearUsageStatistics" = 0x0
|| | "IOProviderClass" = "AppleARMIODevice"
|| | "TransformSize_0" = 0x384000
|| | "IONameMatch" = ("scaler,s5i8960x","scaler,s5i8720x","scaler,t7000")
|| | "EnableLimitedBufferDimensions" = No
|| | "IOClass" = "AppleM2ScalerCSCDriver"
|| | "CFBundleIdentifierKernel" = "com.apple.driver.AppleM2ScalerCSCDriver"
|| | "TriggerOneTimeRegistersDump" = No
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IOProbeScore" = 0x0
|| | "ActiveDartEndTime_0" = 0x0
|| | }
|| | }
|| | +-o IOSurfaceAcceleratorClient <class IOSurfaceAcceleratorClient, id 0x100000bf9, !registered, !matched, active,
busy 0, retain 5>
|| | {
|| | "IOUserClientCreator" = "pid 420, WindowServer"
|| | }

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|| |
|| +-o dart-scaler@6320000 <class AppleARMIODevice, id 0x100001dd, registered, matched, active, busy 0 (216
ms), retain 10>
|| |{|
|| | | "IOInterruptSpecifiers" = (<58020000>)
|| | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
|| | | "clock-gates" = <48010000>
|| | | "AAPL,phandle" = <de000000>
|| | | "IODeviceMemory" = ({"address"=0x26320000,"length"=0x4000}))
|| | | "instance" = <545241444441525400000000>
|| | | "IOReportLegendPublic" = Yes
|| | | "tlb-invalid-refetch" = <>
|| | | "dart-options" = <05000000>
|| | | "IOInterruptControllers" = ("IOInterruptController00000070")
|| | | "name" = <646172742d7363616c657200>
|| | | "interrupt-parent" = <70000000>
|| | | "compatible" = <646172742c743830323000>
|| | | "page-size" = <00400000>
|| | | "interrupts" = <58020000>
|| | | "diag-config" = <00210080>
|| | | "dart-tunables-instance-0" =
<60000000040000000061008000000000006100800000000000680000000040000000f0f0f0000000000f0f000000000
006c00000004000000ffff00000000000808080000000007000000004000000003f0000000000000000000000000
0008001000004000000000ff0f0000000000100000000000840100000400000000ff0f00000000003020000000
0008801000004000000000ff0f000000000000a00000000008c0100000400000000ff0f0000000000020b00000000
0009001000004000000000ff0f00000000000a0000000000940100000400000000ff0f000000000030f000000000
000980100000400000000ff0f$
|| | | "error-reflector" = <00c0ff3c02000000>
|| | | "device_type" = <6461727400>
|| | | "power-gates" = <48010000>
|| | | "reg" = <00002063000000000040000000000000>
|| | | "sids" = <03000000>
|| | |}
|| | |}
|| | +-o AppleT8020DART <class AppleT8020DART, id 0x1000002f2, registered, matched, active, busy 0 (37 ms),
retain 15>
|| | |{|
|| | | | "IOClass" = "AppleT8020DART"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | "IOPlatformActiveAction" = 0x13880
|| | | | "IOUserClientClass" = "IODARTClient"
|| | | | "IOPlatformSleepAction" = 0x13880
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" = "dart,t8020"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IONameMatched" = "dart,t8020"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | | "IOFunctionParent000000DE" = <>
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | | "iommu-dart-identity" = <de000000>
|| | | |}
|| | |}
|| | +-o mapper-scaler@0 <class IODARTMapperNub, id 0x1000001de, registered, matched, active, busy 0 (34 ms),
retain 8>
|| | |{|
|| | | | "reg" = <00000000>
|| | | | "compatible" = <696f6d6d752d6d617070657200>
|| | | | "iomd-cache-ttl" = <d0070000>
|| | | | "iomd-cache-size" = <40000000>
|| | | | "device_type" = <646172742d6d617070657200>
|| | | | "AAPL,phandle" = <df000000>
|| | | | "name" = <6d61707065722d7363616c657200>
|| | | |}
|| | |}
|| | +-o IODARTMapper <class IODARTMapper, id 0x1000003ae, registered, matched, active, busy 0 (5 ms), retain
44>
|| | | {
|| | | | "IOClass" = "IODARTMapper"
|| | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | | | "IOProviderClass" = "IODARTMapperNub"
|| | | | "iommu-dart-translation" = Yes
|| | | | "IOUserClientClass" = "IODARTMapperClient"
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" = "iommu-mapper"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IONameMatched" = "iommu-mapper"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | | | "IOMapperID" = <df000000>
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | | |}
|| | |}
|| | +-o mapper-scaler-piodma@1 <class IODARTMapperNub, id 0x1000001df, registered, matched, active, busy 0 (31
ms), retain 8>
|| | |{|
|| | | | "reg" = <01000000>
|| | | | "compatible" = <696f6d6d752d6d617070657200>
|| | | | "iomd-cache-ttl" = <d0070000>
|| | | | "iomd-cache-size" = <40000000>
|| | | | "device_type" = <646172742d6d617070657200>
|| | | | "AAPL,phandle" = <e0000000>
|| | | | "name" = <6d61707065722d7363616c65722d70696f646d6100>
|| | | |}
|| | |}
|| | +-o IODARTMapper <class IODARTMapper, id 0x100000365, registered, matched, active, busy 0 (14 ms), retain
6>
|| | | {
|| | | | "IOClass" = "IODARTMapper"
|| | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | | | "IOProviderClass" = "IODARTMapperNub"
|| | | | "iommu-dart-translation" = Yes

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|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = "dart,t8020"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOFunctionParent000000E2" = <>
|| | | "IONameMatched" = "dart,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | "iommu-dart-identity" = <e2000000>
|| | | }
|| | | }
|| | | }
|| | | +-o mapper-jpeg0@0 <class IODARTMapperNub, id 0x1000001e2, registered, matched, active, busy 0 (37 ms),
retain 8>
|| | | |{
|| | | | "dead-mappings" = <00c0ff7f000000000040000000000000>
|| | | | "device_type" = <646172742d6d617070657200>
|| | | | "reg" = <00000000>
|| | | | "name" = <6d61707065722d6a7065673000>
|| | | | "AAPL,phandle" = <e3000000>
|| | | | "compatible" = <696f6d6d752d6d617070657200>
|| | | | }
|| | | | }
|| | | | +-o IODARTMapper <class IODARTMapper, id 0x10000035b, registered, matched, active, busy 0 (20 ms), retain
53>
|| | | | {
|| | | | "IOClass" = "IODARTMapper"
|| | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | | | "IOProviderClass" = "IODARTMapperNub"
|| | | | "iommu-dart-translation" = Yes
|| | | | "IOUserClientClass" = "IODARTMapperClient"
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" = "iommu-mapper"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IONameMatched" = "iommu-mapper"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | | | "IOMapperID" = <e3000000>
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | | | }
|| | | | }
|| | | | +-o jpeg1@65008000 <class AppleARMIODevice, id 0x1000001e3, registered, matched, active, busy 0 (376 ms),
retain 9>
|| | | | |{
|| | | | | "compatible" = <6a7065672c7438313031006a7065672c73356c383932307800>
|| | | | | "iommu-parent" = <e6000000>
|| | | | | "interrupt-parent" = <70000000>
|| | | | | "interrupts" = <52020000>
|| | | | | "hw-type" = <613031303300>
|| | | | | "clock-gates" = <4c0100003001000031010000>
|| | | | | "clock-ids" = <6b0100006c010000>
|| | | | | "reg" = <00800065000000000040000000000000>
|| | | | | "device_type" = <6a70656700>
|| | | | | "AAPL,phandle" = <e4000000>
|| | | | | "IOInterruptControllers" = ("IOInterruptController00000070")
|| | | | | "IOInterruptSpecifiers" = (<52020000>)
|| | | | | "IODeviceMemory" = (({"address"=0x26500800,"length"=0x4000}))
|| | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)" ),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)" ),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
|| | | | | "power-gates" = <4c0100003001000031010000>
|| | | | | "coprovider-group" = <6a70656700>
|| | | | | "IOReportLegendPublic" = Yes
|| | | | | "name" = <6a7065673100>
|| | | | | }
|| | | | | }
|| | | | | +-o AppleJPEGDriver <class AppleJPEGDriver, id 0x1000002f0, registered, matched, active, busy 0 (0 ms), retain
8>
|| | | | | {
|| | | | | "IOClass" = "AppleJPEGDriver"
|| | | | | "AppleJPEGSupportsMissingEOI" = 0x1
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleJPEGDriver"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "Fast Clock frames_1" = 0x0
|| | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | | "AppleJPEGSupportsAppleInterchangeFormats" = 0x1
|| | | | | "IOProbeScore" = 0x0
|| | | | | "Norm Clock frames_0" = 0x20
|| | | | | "IONameMatch" = ("jpeg,s5l8920x")
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleJPEGDriver"
|| | | | | "AppleJPEGNumCores" = 0x1
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleJPEGDriver"
|| | | | | "Fast Clock frames_0" = 0x0
|| | | | | "IONameMatched" = "jpeg,s5l8920x"
|| | | | | "AppleJPEGSupportsRSTLogging" = 0x0
|| | | | | "Norm Clock frames_1" = 0x2
|| | | | | "AppleJPEGRequiresMCUAlignment" = 0x1
|| | | | | "AppleJPEGSupportsDCTScaling" = 0x0
|| | | | | }
|| | | | | }
|| | | | | +-o dart-jpeg1@6500C000 <class AppleARMIODevice, id 0x1000001e4, registered, matched, active, busy 0 (215
ms), retain 9>
|| | | | | |{
|| | | | | | "IOInterruptSpecifiers" = (<53020000>)
|| | | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)" ),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)" ),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
|| | | | | | "clock-gates" = <4b010000>
|| | | | | | "AAPL,phandle" = <e5000000>
|| | | | | | "IODeviceMemory" = (({"address"=0x26500c00,"length"=0x4000}))
|| | | | | | "instance" = <545241444415254000000000>

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|| | "IOReportLegendPublic" = Yes
|| | "tlb-invalid-refetch" = <>
|| | "dart-options" = <05000000>
|| | "IOInterruptControllers" = ("IOInterruptController00000070")
|| | "name" = <646172742d6a7065673100>
|| | "interrupt-parent" = <70000000>
|| | "compatible" = <646172742c743830323000>
|| | "page-size" = <00400000>
|| | "interrupts" = <53020000>
|| | "diag-config" = <00210080>
|| | "dart-tunables-instance-0" =
<6000000004000000006100800000000000610080000000006800000004000000f0f0f000000000f0f0f0000000
006c0000000400000ffff000000000080808000000000>
|| | "error-reflector" = <00c0ff3c02000000>
|| | "device_type" = <6461727400>
|| | "power-gates" = <4b010000>
|| | "reg" = <00c000650000000040000000000000>
|| | "sids" = <01000000>
|| | }
|| |
|| | +-o AppleT8020DART <class AppleT8020DART, id 0x100000325, registered, matched, active, busy 0 (35 ms),
retain 9>
|| | | {
|| | | | "IOClass" = "AppleT8020DART"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
|| | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | "IOFunctionParent000000E5" = <>
|| | | | "IOPlatformActiveAction" = 0x13880
|| | | | "IOUserClientClass" = "IODARTClient"
|| | | | "IOPlatformSleepAction" = 0x13880
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" = "dart,t8020"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IONameMatched" = "dart,t8020"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
|| | | | "iommu-dart-identity" = <e5000000>
|| | | | }
|| | | }
|| | +-o mapper-jpeg1@0 <class IODARTMapperNub, id 0x1000001e5, registered, matched, active, busy 0 (35 ms),
retain 8>
|| | | {
|| | | | "dead-mappings" = <00c0ff7f000000000040000000000000>
|| | | | "device_type" = <646172742d6d617070657200>
|| | | | "reg" = <00000000>
|| | | | "name" = <6d61707065722d6a7065673100>
|| | | | "AAPL,phandle" = <e6000000>
|| | | | "compatible" = <696f6d6d752d6d617070657200>
|| | | | }
|| | | }
|| | +-o IODARTMapper <class IODARTMapper, id 0x1000003b3, registered, matched, active, busy 0 (2 ms), retain
55>
|| | | {
|| | | | "IOClass" = "IODARTMapper"
|| | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | | | "IOProviderClass" = "IODARTMapperNub"
|| | | | "iommu-dart-translation" = Yes
|| | | | "IOUserClientClass" = "IODARTMapperClient"
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" = "iommu-mapper"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IONameMatched" = "iommu-mapper"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | | | "IOMapperID" = <e6000000>
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | | | }
|| | | }
|| | +-o ave@67100000 <class AppleARMIODevice, id 0x1000001e6, registered, matched, active, busy 0 (297 ms),
retain 8>
|| | | {
|| | | | "IOInterruptSpecifiers" = (<30020000>,<2a020000>,<29020000>,<2c020000>,<2b020000>)
|| | | | "clock-gates" = <270100002801000029010000790000007a0000007b0000007c000000780000002a010000>
|| | | | "AAPL,phandle" = <e7000000>
|| | | | "IODeviceMemory" = (("{address"=0x26710000,"length"=0x45c000}),
("{address"=0x26780000,"length"=0x800000}),("{address"=0x26705000,"length"=0x8000}),
("{address"=0x23b708000,"length"=0x4000}))
|| | | | "IOReportLegendPublic" = Yes
|| | | | "function-clock_req_interrupt" = <870000005152494365000000250000001000000>
|| | | | "segment-names" = <5f5f544558543b5f5f4441544100>
|| | | | "iommu-parent" = <e9000000>
|| | | | "function-mcc_dataset" = <6f00000005344244d>
|| | | | "asc-dram-mask" = <00000000f0000000>
|| | | | "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptControlle
r00000070","IOInterruptController00000070")
|| | | | "name" = <61766500>
|| | | | "interrupt-parent" = <70000000>
|| | | | "compatible" = <6176653200>
|| | | | "interrupts" = <300200002a020000290200002c0200002b020000>
|| | | | "clock-ids" = <5e010000>
|| | | | "pre-loaded" = <01000000>
|| | | | "soc-id" = <743831303300>
|| | | | "IOReportLegend" = (("{IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),,"IORepo$
|| | | | "device_type" = <61766500>
|| | | | "power-gates" = <270100002801000029010000790000007a0000007b0000007c000000780000002a010000>
|| | | | "reg" =
<000010670000000000c04500000000000008067000000000080000000000000056700000000080000000
00000080703b000000000040000000000000>
|| | | | "segment-ranges" =
<00808c000800000000000000000000808c000800000000400c00030000000c08001080000000400c0000
0000000400c000f0000000080120000000000>

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10>
| | | {
| | | "IOClass" = "IODARTMapper"
| | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
| | | "IOProviderClass" = "IODARTMapperNub"
| | | "iommu-dart-translation" = Yes
| | | "IOUserClientClass" = "IODARTMapperClient"
| | | "IOProbeScore" = 0x0
| | | "IONameMatch" = "iommu-mapper"
| | | "IOMatchedAtBoot" = Yes
| | | "IOMatchCategory" = "IODefaultMatchCategory"
| | | "IONameMatched" = "iommu-mapper"
| | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
| | | "IOMapperID" = <e9000000>
| | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
| | | }
| | |
| | | +-o avd@68000000 <class AppleARMIODevice, id 0x1000001e9, registered, matched, active, busy 0 (298 ms),
retain 10>
| | | | {
| | | | "IOInterruptSpecifiers" = (<1c020000>,<1d020000>)
| | | | "ads-present" = <01000000>
| | | | "clock-gates" = <2b0100002c0100002d010000>
| | | | "AAPL,phandle" = <ea000000>
| | | | "IODeviceMemory" = ({"address"=0x268000000,"length"=0x1404000})
| | | | "IOReportLegendPublic" = Yes
| | | | "iommu-parent" = <ec000000ed000000ee000000>
| | | | "function-mcc_dataset" = <6f0000005344244d>
| | | | "IOInterruptControllers" = ("IOInterruptController00000070","IOInterruptController00000070")
| | | | "name" = <61766400>
| | | | "interrupt-parent" = <70000000>
| | | | "compatible" = <6176642c743831303300>
| | | | "clock-ids" = <5d010000>
| | | | "interrupts" = <1c0200001d020000>
| | | | "avd-version" = <03000000>
| | | | "function-avd_reset" = <870000005453524166000000>
| | | | "h264-playback-level" = <2a000000>
| | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
| | | | "device_type" = <61766400>
| | | | "power-gates" = <2b0100002c0100002d010000>
| | | | "reg" = <00000068000000000040400100000000>
| | | | }
| | | |
| | | | +-o AppleAVD <class AppleAVD, id 0x100000300, registered, matched, active, busy 0 (20 ms), retain 7>
| | | | | {
| | | | | "IOClass" = "AppleAVD"
| | | | | "IOPlatformSleepAction" = 0x64
| | | | | "H264DecoderSupportsTileDecode" = Yes
| | | | | "H264DecoderCanDo444" = Yes
| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleAVD"
| | | | | "IOMatchedAtBoot" = Yes
| | | | | "FirmwareSize" = " 36156"
| | | | | "ADSSupported" = Yes
| | | | | "IOProviderClass" = "AppleARMIODevice"
| | | | | "HEVCSupported" = Yes
| | | | | "AVCSupported" = Yes
| | | | | "H264DecoderCanDo422" = Yes
| | | | | "HEVCCanDecodeTileToCanvas" = Yes
| | | | | "IOProbeScore" = 0x0
| | | | | "IOAVDH264DecodeCapabilities" =
{"VTSupportedProfileArray"=(0x42,0x4d,0x58,0x64,0x6e,0x7a,0xf4,0x2c),"VTPerProfileDetails"={"122"={"VTMaxDecodeL
evel"=0x34},"66"={"VTMaxDecodeLevel"=0x34},"244"={"VTMaxDecodeLevel"=0x34},"77"={"VTMaxDecodeLevel"=0x34},
"110"={"VTMaxDecodeLevel"=0x34},"100"={"VTMaxDecodeLevel"=0x34},"88"={"VTMaxDecodeLevel"=0x34},"44"={"VT
MaxDecodeLevel"=0x34}}}
| | | | | "IOPowerManagement" =
{"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"DriverPowerState"=0x0
}
| | | | | "IONameMatch" = ("avd,s518920x","avd,t8020","avd,t8030","avd,t8101","avd,t8103")
| | | | | "FirmwareVersion" = "0x7799ffbc"
| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleAVD"
| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleAVD"
| | | | | "IONameMatched" = "avd,t8103"
| | | | | "IOAVDHEVCDecodeCapabilities" =
{"VTSupportedProfileArray"=(0x1,0x2,0x3,0x4),"VTPerProfileDetails"={"3"={"VTMaxDecodeLevel"=0xb4},"1"={"VTMaxDec
odeLevel"=0xb4},"4"={"VTMaxDecodeLevel"=0xb4},"2"={"VTMaxDecodeLevel"=0xb4}}}
| | | | | "IOPlatformWakeAction" = 0x64
| | | | | }
| | | | |
| | | | +-o dart-avd@69010000 <class AppleARMIODevice, id 0x1000001ea, registered, matched, active, busy 0 (239 ms),
retain 11>
| | | | | {
| | | | | "IOInterruptSpecifiers" = (<23020000>)
| | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
| | | | | "clock-gates" = <45010000>
| | | | | "AAPL,phandle" = <eb000000>
| | | | | "bypass" = <00800000>
| | | | | "instance" = <545241444441525400000000>
| | | | | "IODeviceMemory" = ({"address"=0x269010000,"length"=0x4000})
| | | | | "IOReportLegendPublic" = Yes
| | | | | "tlb-invalid-refetch" = <>
| | | | | "dart-options" = <05000000>
| | | | | "IOInterruptControllers" = ("IOInterruptController00000070")
| | | | | "name" = <646172742d61766400>
| | | | | "interrupt-parent" = <70000000>
| | | | | "compatible" = <646172742c743830323000>
| | | | | "page-size" = <00400000>
| | | | | "interrupts" = <23020000>

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    || | "diag-config" = <00210080>
    || | "bypass-address" = <00000000000000000000000000000002>
    || | "dart-tunables-instance-0" =
<60000000040000000061008000000000000006100800000000068000000040000000f0f0f0000000000f0f0f000000000
006c000000004000000ffff000000000000808080000000000>
    || | "error-reflector" = <00c0ff3c02000000>
    || | "device_type" = <6461727400>
    || | "power-gates" = <45010000>
    || | "reg" = <000001690000000000040000000000000>
    || | "sids" = <07800000>
    || | }
    || | }
    || | +-o AppleT8020DART <class AppleT8020DART, id 0x1000002ec, registered, matched, active, busy 0 (61 ms),
retain 29>
    || | {
    || | | "IOClass" = "AppleT8020DART"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "IOPlatformActiveAction" = 0x13880
    || | | "IOUserClientClass" = "IODARTClient"
    || | | "IOPlatformSleepAction" = 0x13880
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = "dart,t8020"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IONameMatched" = "dart,t8020"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
    || | | "iommu-dart-identity" = <eb000000>
    || | | "IOFunctionParent000000EB" = <>
    || | | }
    || | }
    || | +-o mapper-avd@0 <class IODARTMapperNub, id 0x1000001eb, registered, matched, active, busy 0 (43 ms),
retain 8>
    || | {
    || | | "reg" = <00000000>
    || | | "compatible" = <696f6d6d752d6d617070657200>
    || | | "jomd-cache-ttl" = <d0070000>
    || | | "jomd-cache-size" = <40000000>
    || | | "device_type" = <646172742d6d617070657200>
    || | | "AAPL,phandle" = <ec000000>
    || | | "name" = <6d61707065722d61766400>
    || | | }
    || | }
    || | +-o IODARTMapper <class IODARTMapper, id 0x1000003be, registered, matched, active, busy 0 (2 ms), retain
75>
    || | {
    || | | "IOClass" = "IODARTMapper"
    || | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
    || | | "IOProviderClass" = "IODARTMapperNub"
    || | | "iommu-dart-translation" = Yes
    || | | "IOUserClientClass" = "IODARTMapperClient"
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = "iommu-mapper"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IONameMatched" = "iommu-mapper"
    || | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
    || | | "IOMapperID" = <ec000000>
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
    || | | }
    || | }
    || | +-o mapper-avd-piodma@1 <class IODARTMapperNub, id 0x1000001ec, registered, matched, active, busy 0 (43
ms), retain 8>
    || | {
    || | | "reg" = <01000000>
    || | | "compatible" = <696f6d6d752d6d617070657200>
    || | | "jomd-cache-ttl" = <d0070000>
    || | | "jomd-cache-size" = <40000000>
    || | | "device_type" = <646172742d6d617070657200>
    || | | "AAPL,phandle" = <ed000000>
    || | | "name" = <6d61707065722d6176642d70696f646d6100>
    || | | }
    || | }
    || | +-o IODARTMapper <class IODARTMapper, id 0x1000003ab, registered, matched, active, busy 0 (6 ms), retain
40>
    || | {
    || | | "IOClass" = "IODARTMapper"
    || | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
    || | | "IOProviderClass" = "IODARTMapperNub"
    || | | "iommu-dart-translation" = Yes
    || | | "IOUserClientClass" = "IODARTMapperClient"
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = "iommu-mapper"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IONameMatched" = "iommu-mapper"
    || | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
    || | | "IOMapperID" = <ed000000>
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
    || | | }
    || | }
    || | +-o mapper-avd-adsbuf@2 <class IODARTMapperNub, id 0x1000001ed, registered, matched, active, busy 0 (61
ms), retain 8>
    || | {
    || | | "reg" = <02000000>
    || | | "compatible" = <696f6d6d752d6d617070657200>
    || | | "jomd-cache-ttl" = <d0070000>
    || | | "jomd-cache-size" = <40000000>
    || | | "device_type" = <646172742d6d617070657200>
    || | | "AAPL,phandle" = <ee000000>
    || | | "name" = <6d61707065722d6176642d61647362756600>
    || | | }
    || | }
    || | +-o IODARTMapper <class IODARTMapper, id 0x1000003b7, registered, matched, active, busy 0 (27 ms), retain
7>
    || | {
    || | | "IOClass" = "IODARTMapper"

```

```
    | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
    | | | "IOProviderClass" = "IODARTMapperNub"
    | | | "iommu-dart-translation" = Yes
    | | | "IOUserClientClass" = "IODARTMapperClient"
    | | | "IOProbeScore" = 0x0
    | | | "IONameMatch" = "iommu-mapper"
    | | | "IOMatchedAtBoot" = Yes
    | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | "IONameMatched" = "iommu-mapper"
    | | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
    | | | "IOMapperID" = <ee000000>
    | | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
    | | | }
    | | | }
    | | | +-o isp@2A000000 <class AppleARMIODevice, id 0x1000001ee, registered, matched, active, busy 0 (2399 ms),
retain 9>
    | | | {
    | | | | "function-bw_req_interrupt" = <870000005152494264000000200000001000000>
    | | | | "function-ane_data_param_get" = <f200000074654764>
    | | | | "function-ane_ep_control" = <f20000006c744365>
    | | | | "function-saca0c" = <2101000041434153346d6163>
    | | | | "interrupt-parent" = <70000000>
    | | | | "interrupts" = <f6000000f7000000f8000000f9000000>
    | | | | "has-sphere" = <01000000>
    | | | | "function-saca2c" = <2101000041434153356d6163>
    | | | | "function-saca3b" = <2101000041434153436d6163>
    | | | | "function-saca5" = <2101000041434153476d6163>
    | | | | "iommu-parent" = <f1000000>
    | | | | "face-detection-support" = <01000000>
    | | | | "function-ane_data_param_set" = <f200000074655364>
    | | | | "camera-rear" = <01000000>
    | | | | "function-saca4c" = <2101000041434153466d6163>
    | | | | "clock-gates" = <33010000190000001a0000001b0000001c00000034010000>
    | | | | "segment-names" = <5f5f544558543b5f5f4441544100>
    | | | | "pre-loaded" = <01000000>
    | | | | "function-saca0" = <2101000041434153306d6163>
    | | | | "asc-dram-mask" = <000000000f000000>
    | | | | "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControle
r00000070")
    | | | | | "lpdprx_phy_efuse" = <0b000000>
    | | | | | "lpdprx_phy1_efuse" = <10000000>
    | | | | | "IODeviceMemory" = (({"address"=0x22a00000,"length"=0x4000000}),
({"address"=0x23b70000,"length"=0x8c000}),({"address"=0x23c260000,"length"=0x4000}),
({"address"=0x23c280000,"length"=0x4000}),({"address"=0x23c290000,"length"=0x4000}))
    | | | | | "function-saca4" = <2101000041434153446d6163>
    | | | | | "AAPL,phandle" = <ef000000>
    | | | | | "name" = <69737000>
    | | | | | "power-gates" = <33010000190000001a0000001b0000001c00000034010000>
    | | | | | "function-clock_req_interrupt" = <8700000051524943640000002100000010000000>
    | | | | | "function-saca0b" = <2101000041434153326d6163>
    | | | | | "clock-ids" = <5201000055010000>
    | | | | | "device_type" = <69737000>
    | | | | | "compatible" = <6973702c7438313033006973702c73356c383936307800>
    | | | | | "function-saca2b" = <2101000041434153336d6163>
    | | | | | "function-saca3" = <2101000041434153426d6163>
    | | | | | "function-device_reset" = <870000005453524164000000>
    | | | | | "camera-front" = <01000000>
    | | | | | "function-mcc_dataset" = <6f0000005344244d>
    | | | | | "function-saca2d" = <2101000041434153366d6163>
    | | | | | "segment-ranges" =
<00809d000800000000000000000000809d000800000000409b000300000000809a010800000000409b00000
0000000409b000f00000000c0410000000000>
    | | | | | "function-saca4b" = <2101000041434153456d6163>
    | | | | | "sensor-type" = <01000000>
    | | | | | "IOReportLegendPublic" = Yes
    | | | | | "reg" =
<0000002a00000000000000400000000000703b0000000000c008000000000000263c000000000400000000
00000000283c00000000040000000000000000293c0000000004000000000000>
    | | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(("0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
    | | | | | "function-saca2" = <2101000041434153316d6163>
    | | | | | "IOInterruptSpecifiers" = (<f6000000>,<f7000000>,<f8000000>,<f9000000>)
    | | | | | }
    | | | | | }
    | | | | | +-o AppleH13CamIn <class AppleH13CamIn, id 0x1000002eb, registered, matched, active, busy 0 (0 ms), retain
10>
    | | | | | {
    | | | | | | "IOClass" = "AppleH13CamIn"
    | | | | | | "BackCameraExpected" = Yes
    | | | | | | "FrontIRStructuredLightProjectorSerialNumString" = "XXXXXXXX"
    | | | | | | "ISPFirmwareVersion" = "46.48.00b"
    | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleH13CameraInterface"
    | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | "IOReportLegendPublic" = Yes
    | | | | | | "IOPowerManagement" =
{"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1}
    | | | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | | | "FrontCameraSerialNumber" = <0000000000000000>
    | | | | | | "FrontCameraModuleSerialNumString" = "CC204935V9FJ3Y335"
    | | | | | | "IOProbeScore" = 0x0
    | | | | | | "RamdiskMode" = No
    | | | | | | "IONameMatch" = "isp,t8103"
    | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleH13CameraInterface"
    | | | | | | "FCCIValidationStatus" = "Invalid"
    | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleH13CameraInterface"
    | | | | | | "FirmwareLoaded" = Yes
    | | | | | | "IONameMatched" = "isp,t8103"
    | | | | | | "FrontCameraActive" = No
    | | | | | | "CmCIVValidationStatus" = "Unknown"
    | | | | | | "IOFunctionParent000000EF" = <>
    | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | "IOReportLegend" =

```

```
(({"IOReportGroupName"="H13ISP","IOReportChannels"=((0x746f7420696e7400,0x18000001,"Total Interrupts"),
(0x707772206f6e0000,0x18000001,"Number Power Ups"),(0x707772206f666600,0x18000001,"Number Power
Downs"),(0x7361633020636e74,0x18000001,"Number SAC Action0"),(0x7361633120636e74,0x18000001,"Number
SAC Action1"),(0x7361633220636e74,0x18000001,"Number SAC Action2"),
(0x7361633420636e74,0x18000001,"Number SAC Action4"),(0x7361633066616931,0x18000001,"Number SAC
Action0 FreqArray1"),(0x7361633166616931,0x$
| | | "ISPfirmwareLinkDate" = "Jun 17 2022 - 19:04:06"
| | | }
| | | }
| | | +-o AppleH13CamInUserClient <class AppleH13CamInUserClient, id 0x100000ca3, Iregistered, !matched, active,
busy 0, retain 5>
| | | {
| | |     "IOUserClientCreator" = "pid 731, appleh13camerad"
| | | }
| | | }
| | | +-o dart-isp@2C0E8000 <class AppleARMIODevice, id 0x1000001ef, registered, matched, active, busy 0 (221 ms),
retain 9>
| | | {
| | |     "page-size" = <00400000>
| | |     "smmu-tunables-instance-1" = <2000000004000000000000800000000000000000000000000000000000000000>
| | |     "filter-data-instance-0" =
<00809d0008000000ffbf380108000000001010001000000000000000f000000fffff0f000000000303000100000000
40703b020000006340703b020000000030100010000000080733b02000000ffbf733b020000000030100010000000
000263c020000006b00263c02000000003010001000000000283c02000000b330283c0200000000301000100000
00000293c02000000b330293c020000000030100010000000002a3c02000000b3302a3c02000000003010001000
00000c0c33b0200000003c0c33b02000000003010001000000000c0424a0200000003c0424a020000000030100010
00000080444a020000000380444a0$
| | |     "error-reflector" = <00c0ff3c02000000>
| | |     "interrupt-parent" = <70000000>
| | |     "interrupts" = <fb000000>
| | |     "smmu-tunables-instance-0" = <2000000004000000000000800000000000000000000000000000000000000000>
| | |     "real-time" = <>
| | |     "pio-vm-size" = <00000004>
| | |     "sids" = <01800000>
| | |     "pio-granularity" = <00000001>
| | |     "clock-gates" = <49010000>
| | |     "IOInterruptControllers" = ("IOInterruptController00000070")
| | |     "smmu-clock-gating" = <>
| | |     "vm-size" = <000000a0>
| | |     "bypass-address" = <0000000000000000000000000000000000000000000000000000000000000000>
| | |     "diag-config" = <00210080>
| | |     "IODeviceMemory" = ({"address"=0x22c0e8000,"length"=0x4000}),
({"address"=0x22c0f4000,"length"=0x4000}),({"address"=0x22c0fc000,"length"=0x4000}),
({"address"=0x22c0f0000,"length"=0x4000}),({"address"=0x22c0f8000,"length"=0x4000}),
({"address"=0x22c0ec000,"length"=0x4000})
| | |     "tlb-invalid-refetch" = <>
| | |     "AAPL,phandle" = <f0000000>
| | |     "name" = <646172742d69737000>
| | |     "power-gates" = <49010000>
| | |     "bypass" = <00800000>
| | |     "dart-tunables-instance-2" =
<600000000400000000610080000000000000061008000000000068000000040000000f0f0f0000000000f0f0f000000000
006c000000004000000fffff000000000008080800000000000>
| | |     "instance" =
<4650414444152544c4c5400545241444415254424c4b005452414444152545254000554d4d53534d4d55424c4
b00554d4d53534d4d5552540000>
| | |     "manual-availability" = <01000000>
| | |     "device_type" = <6461727400>
| | |     "compatible" = <646172742c743830323000>
| | |     "dart-options" = <0d000000>
| | |     "dart-tunables-instance-1" =
<60000000040000000061008000000000000610080000000006800000004000000f0f0f0000000000f0f0f000000000
006c000000004000000fffff000000000008080800000000000>
| | |     "pio-vm-base" = <000000fb>
| | |     "IOReportLegendPublic" = Yes
| | |     "vm-base" = <00000000>
| | |     "reg" =
<00800e2c00000000040000000000000400f2c00000000040000000000000000000f2c000000000040000000000000000000
00000000f2c000000000400000000000000800f2c000000000400000000000000c00e2c0000000004000000
00000000>
| | |     "dart-tunables-instance-0" =
<60000000040000000061008000000000000610080000000006800000004000000f0f0f0000000000f0f0f000000000
006c000000004000000fffff000000000008080800000000000>
| | |     "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=((0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),,"IORepo$
| | |     "IOInterruptSpecifiers" = (<fb000000>)
| | | }
| | | }
| | | +-o AppleT8020DART <class AppleT8020DART, id 0x10000031e, registered, matched, active, busy 0 (39 ms),
retain 15>
| | | {
| | |     "IOClass" = "AppleT8020DART"
| | |     "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
| | |     "IOProviderClass" = "AppleARMIODevice"
| | |     "IOPlatformActiveAction" = 0x13880
| | |     "IOUserClientClass" = "IODARTClient"
| | |     "IOPlatformSleepAction" = 0x13880
| | |     "IOProbeScore" = 0x0
| | |     "IONameMatch" = "dart,t8020"
| | |     "IOMatchedAtBoot" = Yes
| | |     "IOMatchCategory" = "IODefaultMatchCategory"
| | |     "IONameMatched" = "dart,t8020"
| | |     "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
| | |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
| | |     "iommu-dart-identity" = <f0000000>
| | |     "IOFunctionParent000000F0" = <>
| | | }
| | | }
| | | +-o mapper-isp@0 <class IODARTMapperNub, id 0x1000001f0, registered, matched, active, busy 0 (36 ms),
retain 8>
| | | {
| | |     "reg" = <00000000>
| | |     "compatible" = <696f6d6d752d6d617070657200>
| | |     "pio-range" =
```

```
<0040703b0200000004000000000000080733b020000000400000000000000c0c33b020000000400000000
0000000c0424a0200000000004000000000000263c020000000400000000000000283c02000000040000
000000000000293c0200000004000000000000000002a3c02000000040000000000000000466b0200000004
00000000000000040010002000000004000000000000000400500020000000040000000000000004009000200000
00040000000000000400d00020000000040000000000000>
|| | | "iomd-cache-ttl" = <d0070000>
|| | | "iomd-cache-size" = <80010000>
|| | | "device_type" = <646172742d6d617070657200>
|| | | "AAPL_phandle" = <f1000000>
|| | | "name" = <6d61707065722d69737000>
|| | | }
|| | | }
|| | | }
|| | | +-o IODARTMapper <class IODARTMapper, id 0x1000003a9, registered, matched, active, busy 0 (8 ms), retain
165>
|| | | {
|| | |   "IOClass" = "IODARTMapper"
|| | |   "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
|| | |   "IOProviderClass" = "IODARTMapperNub"
|| | |   "iommu-dart-translation" = Yes
|| | |   "IOUserClientClass" = "IODARTMapperClient"
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = "iommu-mapper"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IONameMatched" = "iommu-mapper"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
|| | |   "IOMapperID" = <f1000000>
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
|| | | }
|| | | }
|| | | +-o ane@6A000000 <class AppleARMIODevice, id 0x1000001f1, registered, matched, active, busy 0 (2401 ms),
retain 8>
|| | | {
|| | |   "IOInterruptSpecifiers" = (<a0010000>)
|| | |   "clock-gates" = <2e010000>
|| | |   "AAPL_phandle" = <f2000000>
|| | |   "IODeviceMemory" = ({"address"=0x26a00000,"length"=0x2000000}),
({"address"=0x23b70000,"length"=0x8c000})
|| | |   "IOReportLegendPublic" = Yes
|| | |   "ane-type" = <40000000>
|| | |   "segment-names" = <5f5f544558543b5f5f4441544100>
|| | |   "iommu-parent" = <f4000000>
|| | |   "function-mcc_dataset" = <6f0000005344244d>
|| | |   "asc-dram-mask" = <00000000f000000>
|| | |   "IOInterruptControllers" = ("IOInterruptController00000070")
|| | |   "name" = <616e6500>
|| | |   "interrupt-parent" = <70000000>
|| | |   "compatible" = <616e652c743830323000>
|| | |   "interrupts" = <a0010000>
|| | |   "clock-ids" = <400100004101000042010000>
|| | |   "pre-loaded" = <01000000>
|| | |   "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(("0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),IORepo$
|| | |   "device_type" = <616e6500>
|| | |   "power-gates" = <2e010000>
|| | |   "reg" = <0000006a000000000000000020000000000703b0000000000c0080000000000>
|| | |   "segment-ranges" =
<004082000800000000000000000000004082000800000000400a000300000000403d010800000000400a00000
0000000400a000f0000000080430000000000>
|| | | }
|| | | }
|| | | +-o H11ANE <class H11ANEIn, id 0x1000002ea, registered, matched, active, busy 0 (5 ms), retain 14>
|| | | {
|| | |   "IOClass" = "H11ANEIn"
|| | |   "CFBundleIdentifier" = "com.apple.driver.AppleH11ANEInterface"
|| | |   "IOProviderClass" = "AppleARMIODevice"
|| | |   "IOPowerManagement" =
{"DevicePowerState"=0x0,"CurrentPowerState"=0x0,"CapabilityFlags"=0x0,"MaxPowerState"=0x1}
|| | |   "IOProbeScore" = 0x0
|| | |   "IONameMatch" = "ane,t8020"
|| | |   "IOMatchedAtBoot" = Yes
|| | |   "IOMatchCategory" = "IODefaultMatchCategory"
|| | |   "IOFunctionParent000000F2" = <>
|| | |   "IOReportLegend" = ({"IOReportGroupName"="H11ANE","IOReportChannels"=(("0x0,0x180000001,"Total
Interrupts"),(0x1,0x180000001,"Number Power Ups"),(0x2,0x180000001,"Number Power Downs"),
(0x3,0x180000001,"Memory Alloc Requests"),(0x4,0x180000001,"Memory Free Requests"),(0x5,0x180000001,"ANECPU
Commands Sent"),(0x6,0x180000001,"ANECPU Responses Received"),(0x7,0x180000001,"H2T Buffer Responses"),
(0x8,0x180000001,"T2H Buffer Notifications"),(0x9,0x180000001,"T2H IO Commands"),(0xa,0x180000001,"ANECPU Log
Messages"),(0xb,0x180000001)$
|| | |   "IOReportLegendPublic" = Yes
|| | |   "IOGeneralInterest" = "IOCommand is not serializable"
|| | |   "IONameMatched" = "ane,t8020"
|| | |   "IOPersonalityPublisher" = "com.apple.driver.AppleH11ANEInterface"
|| | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleH11ANEInterface"
|| | |   "FirmwareLoaded" = Yes
|| | | }
|| | | }
|| | | +-o dart-ane@6B800000 <class AppleARMIODevice, id 0x1000001f2, registered, matched, active, busy 0 (220 ms),
retain 9>
|| | | {
|| | |   "page-size" = <00400000>
|| | |   "filter-data-instance-0" =
<0040820008000000ff7f8c000800000000010100010000000000000f000000000000030300010000000
0c0452b0200000003c0452b0200000000301000100000000c0703b0200000033c0703b0200000000301000100000
0>
|| | |   "error-reflector" = <00c0ff3c02000000>
|| | |   "interrupt-parent" = <70000000>
|| | |   "interrupts" = <a1010000>
|| | |   "pio-vm-size" = <00000002>
|| | |   "sids" = <01a00000>
|| | |   "pio-granularity" = <00000001>
|| | |   "clock-gates" = <46010000>
|| | |   "IOInterruptControllers" = ("IOInterruptController00000070")
|| | |   "vm-size" = <000000e0>
```

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    | | | "bypass-address" = <00000000000000000000000000000002>
    | | | "diag-config" = <00210080>
    | | | "IODeviceMemory" = ({("address"=0x26b80000,"length"=0x4000)},
({("address"=0x26b81000,"length"=0x4000)},{"address"=0x26b82000,"length"=0x4000}),
({("address"=0x26b80400,"length"=0x4000})))
    | | | "tlb-invalid-refetch" = <>
    | | | "AAPL,phandle" = <f3000000>
    | | | "name" = <646172742d616e6500>
    | | | "power-gates" = <46010000>
    | | | "bypass" = <00a00000>
    | | | "dart-tunables-instance-2" =
<60000000040000000610080000000000061008000000006800000004000000f0f0f0000000000f0f0f000000000
006c00000004000000ffff000000000080808000000000>
    | | | "instance" = <46504144444152544c4c5400545241444441525442524400545241444441525442575200>
    | | | "manual-availability" = <01000000>
    | | | "device_type" = <6461727400>
    | | | "compatible" = <646172742c743830323000>
    | | | "dart-options" = <0d000000>
    | | | "dart-tunables-instance-1" =
<60000000040000000610080000000000061008000000006800000004000000f0f0f0000000000f0f0f000000000
006c00000004000000ffff000000000080808000000000>
    | | | "pio-vm-base" = <000000fd>
    | | | "IOReportLegendPublic" = Yes
    | | | "vm-base" = <00000000>
    | | | "reg" =
<0000806b00000000040000000000000816b000000000400000000000000826b000000000400000000
000000040806b000000000040000000000000>
    | | | "dart-tunables-instance-0" =
<60000000040000000610080000000000061008000000006800000004000000f0f0f0000000000f0f0f000000000
006c00000004000000ffff000000000080808000000000>
    | | | "IOReportLegend" = ({("IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=(("0x496e747200000000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"),
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"),
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),("IORepo$
    | | | "IOInterruptSpecifiers" = <a1010000>)
    | | | }
    | | | }
    | | | }
    | | | +-o AppleT8020DART <class AppleT8020DART, id 0x100002e1, registered, matched, active, busy 0 (42 ms),
retain 14>
    | | | {
    | | | | "IOClass" = "AppleT8020DART"
    | | | | "CFBundleIdentifier" = "com.apple.driver.AppleT8020DART"
    | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | "IOPlatformActiveAction" = 0x13880
    | | | | "IOUserClientClass" = "IODARTClient"
    | | | | "IOPlatformSleepAction" = 0x13880
    | | | | "IOProbeScore" = 0x0
    | | | | "IONameMatch" = "dart,t8020"
    | | | | "IOMatchedAtBoot" = Yes
    | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | "IOFunctionParent000000F3" = <>
    | | | | "IONameMatched" = "dart,t8020"
    | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleT8020DART"
    | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleT8020DART"
    | | | | "iommu-dart-identity" = <f3000000>
    | | | | }
    | | | | }
    | | | +-o mapper-ane@0 <class IODARTMapperNub, id 0x100001f3, registered, matched, active, busy 0 (37 ms),
retain 8>
    | | | | {
    | | | | | "reg" = <00000000>
    | | | | | "compatible" = <696f6d6d752d6d617070657200>
    | | | | | "pio-range" = <00c0452b0200000000001000000000000703b020000000c00800000000000>
    | | | | | "iomd-cache-ttl" = <d0070000>
    | | | | | "iomd-cache-size" = <00020000>
    | | | | | "device_type" = <646172742d6d617070657200>
    | | | | | "AAPL,phandle" = <f4000000>
    | | | | | "name" = <6d61707065722d616e6500>
    | | | | | }
    | | | | }
    | | | +-o IODARTMapper <class IODARTMapper, id 0x100000362, registered, matched, active, busy 0 (21 ms), retain
1039>
    | | | | {
    | | | | | "IOClass" = "IODARTMapper"
    | | | | | "CFBundleIdentifier" = "com.apple.driver.IODARTFamily"
    | | | | | "IOProviderClass" = "IODARTMapperNub"
    | | | | | "iommu-dart-translation" = Yes
    | | | | | "IOUserClientClass" = "IODARTMapperClient"
    | | | | | "IOProbeScore" = 0x0
    | | | | | "IONameMatch" = "iommu-mapper"
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | "IONameMatched" = "iommu-mapper"
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.IODARTFamily"
    | | | | | "IOMapperID" = <f4000000>
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.IODARTFamily"
    | | | | | }
    | | | | }
    | | | +-o sgx@4000000 <class AppleARMIODevice, id 0x100001f4, registered, matched, active, busy 0 (1433 ms),
retain 9>
    | | | | {
    | | | | | "gpu-ppm-filter-time-constant-ms" = <64000000>
    | | | | | "gpu-avg-power-ki-only" = <0000f040>
    | | | | | "gpu-region-size" = <0040000000000000>
    | | | | | "gpu-avg-power-target-filter-tc" = <7d000000>
    | | | | | "IOInterruptControllers" =
("IOInterruptController00000070","IOInterruptController00000070","IOInterruptController00000070","IOInterruptControlle
r00000070","IOInterruptController00000070")
    | | | | | "procedural-antialiasing" = <>
    | | | | | "gpu-perf-proportional-gain2" = <d053db40>
    | | | | | "rtkit-private-vm-region-size" = <0000000200000000>
    | | | | | "gpu-perf-filter-drop-threshold" = <00000000>
    | | | | | "opengl-standard" = <00030000>
    | | | | | "clock-ids" = <3d010000>
    | | | | | "gpu-fast-die0-integral-gain" = <00004843>
    | | | | | "gpu-fast-die0-proportional-gain" = <0000a040>
```



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    || || "IODeviceMemory" = ({("address"=0x20400000,"length"=0x4000000}),
({("address"=0x204d00000,"length"=0x20000}))
    || || "has-kf" = <01000000>
    || || "reg" = <000000040000000000000004000000000000000000000000000000000000000000>
    || || "gpu-sochot-temp" = <6f000000>
    || || "gpu-perf-filter-time-constant" = <05000000>
    || || "IOReportLegend" = ({("IOReportGroupName"="Interrupt Statistics (by
index)",("IOReportChannels"=((0x496e747200040000,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200040001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200040002,0x100020001," First Level Interrupt Handler Time (MATUs)",
(0x496e747200040003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)",
(0x496e747200040004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")),("IORepo$
    || || "gpu-pwr-integral-gain" = <8695a53c>
    || || "metal-standard" = <00010000>
    || || "gpu-pwr-integral-min-clamp" = <00000000>
    || || "product-dram" = <32000000>
    || || "rtkit-private-vm-region-base" = <0000000080ffffff>
    || || "gpu-ppm-ki" = <0000b742>
    || || "meta-sw-interrupt" = <4840103b02000000c840103b0200000008000000>
    || || "perf-states" =
<0000000090010000007b9a17640200000a4781f86020000054ea2aac020000001f1337fd02000000ea3b435803000
080bb2c4c99030000>
    || || "name" = <73677800>
    || || "AAPL,phandle" = <f5000000>
    || || "gfx-qos" = <0100000001000000>
    || || "gpu-fast-die0-target" = <5e000000>
    || || "gfx-handoff-size" = <0040000000000000>
    || || "compatible" = <6770752c743831303300>
    || || "clock-gates" = <3a0100003b010000>
    || || "IOInterruptSpecifiers" = (<33020000>,<34020000>,<35020000>,<36020000>,<43020000>)
    || || "gpu-pwr-perf-scale0" = <00000000>
    || || "IOReportLegendPublic" = Yes
    || || "gpu-avg-power-kp" = <00008040>
    || || "function-mcc_dataset" = <6f0000005344244d>
    || || "gpu-perf-integral-gain2" = <21214a3e>
    || || "gpu-power-sample-period" = <08000000>
    || || "ttbat-phys-addr-base" = <eeff2f00>
    || || "gfx-shared-region-base" = <0080f7ff0b000000>
    || || "gpu-avg-power-filter-tc-ms" = <e8030000>
    || || "gpu-power-zone-target-0" = <30750000>
    || || "gpu-pwr-proportional-gain" = <db0fa940>
    || || "gfx-shared-region-size" = <0000040000000000>
    || || "gpu-power-zone-target-offset-0" = <64000000>
    || || "gptbat-ready" = <01000000>
    || || "perf-state-count" = <07000000>
    || || "interrupts" = <3302000034020000350200003602000043020000>
    || || "gpu-perf-filter-time-constant2" = <32000000>
    || || "perf-state-table-count" = <01000000>
    || || "gfx-handoff-base" = <0040f7ff0b000000>
    || || "gpu-perf-integral-min-clamp" = <00000000>
    || || "gpu-pwr-min-duty-cycle" = <28000000>
    || || "interrupt-parent" = <70000000>
    || || "gpu-num-perf-states" = <06000000>
    || || "gpu-power-zone-filter-tc-0" = <db1a0000>
    || || "device_type" = <73677800>
    || || "gpu-fast-die0-alarm-threshold" = <5e000000>
    || || "gpu-pwr-perf-scale1" = <0000803f>
    || || "gpu-pwr-filter-time-constant" = <39010000>
    || || "gpu-fast-die0-sensor-mask" = <12000000>
    || || "gpu-region-base" = <0080fbff0b000000>
    || || "gpu-avg-power-min-duty-cycle" = <28000000>
    || || "gpu-ppm-kp" = <cdccdc40>
    || || "gpu-perf-tgt-utilization" = <55000000>
    || || }
    || || }
    || || +-o AGXAcceleratorG13G_B0 <class AGXAcceleratorG13G_B0, id 0x1000006ad, registered, matched, active, busy
0 (1041 ms), retain 36>
    || || {
    || || |
    || || | "AGXParameterBufferMaxSizeEverMemless" = 0x22440000
    || || | "IOMatchedAtBoot" = Yes
    || || | "vendor-id" = <6b100000>
    || || | "GPURawCounterBundleName" = "AGXGPURawCounterBundle"
    || || | "MetalStatisticsName" = "AGXMetalStatisticsExternal13_3"
    || || | "GPURawCounterPluginClassName" = "AGXGPURawCounterSourceGroup"
    || || | "MetalPluginClassName" = "AGXG13GDevice"
    || || | "SCMVersionNumber" = ""
    || || | "AGCInfo" = {"fLastSubmissionPID"=0x1a4,"fSubmissionsSinceLastCheck"=0x0,"fBusyCount"=0x0}
    || || | "MetalPluginName" = "AGXMetal13_3"
    || || | "IONameMatched" = "gpu,t8103"
    || || | "PerformanceStatistics" = {"TiledSceneBytes"=0x48000,"Alloc system memory"=0x1e05c000,"Tiler Utilization
%"=0x7,"recoveryCount"=0x0,"Renderer Utilization %"=0x6,"SplitSceneCount"=0x0,"Allocated PB
Size"=0x860000,"Device Utilization %"=0x7,"In use system memory"=0xa3ec000}
    || || | "IOGLBundleName" = "AppleMetalOpenGLRenderer"
    || || | "AGXParameterBufferMaxSizeNeverMemless" = 0x11220000
    || || | "IOGLBundleName" = "AppleMetalGLRenderer"
    || || | "IOSourceVersion" = "190.22"
    || || | "IOPersonalityPublisher" = "com.apple.AGXG13G"
    || || | "IOPowerManagement" =
{"CurrentPowerState"=0x1,"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"DriverPowerState"=0x1}
    || || | "model" = "Apple M1"
    || || | "AGXTraceCodeVersion" = "3.24.4"
    || || | "SCMBuildTime" = ""
    || || | "CFBundleIdentifier" = "com.apple.AGXG13G"
    || || | "gpu-core-count" = 0x8
    || || | "IOProviderClass" = "AppleARMIODevice"
    || || | "AGXParameterBufferMaxSize" = 0x33660000
    || || | "IONameMatch" = ("gpu,t8103")
    || || | "IOReportLegendPublic" = Yes
    || || | "IOClass" = "AGXAcceleratorG13G_B0"
    || || | "CFBundleIdentifierKernel" = "com.apple.AGXG13G"
    || || | "GPUConfigurationVariable" =
{"gpu_gen"=0xd,"num_gpus"=0x4,"num_cores"=0x8,"core_mask_list"="(0xff),"num_frags"=0x8,"num_mgpus"=0x1}
    || || | "IOGeneralInterest" = "IOCommand is not serializable"
    || || | "IOReportLegend" = ({("IOReportChannels"=((0x1,0x180000001,"Alloc system memory"),(0x2,0x180000001,"In
use system memory"),(0x3,0x180000001,"GPU Restart Count")),("IOReportGroupName"="Internal
Statistics",("IOReportChannelInfo"={"IOReportChannelUnit"=0x0}),
{"IOReportChannels"=((0x45e45524759,0x100020001,"GPU Energy"),("IOReportGroupName"="Energy
Model",("IOReportChannelInfo"={"IOReportChannelUnit"=0x300007600000000}),{"IOReportGroupName"="GPU
```

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Stats,"IOReportChannels"=((0x5a4f4e4530,0x180000001,"GPU Power Zone Filter 0"),(0x5a4f$
  || | | "IOMatchCategory" = "IOAccelerator"
  || | | "IOProbeScore" = 0x2710
  || | | "KDebugVersion" = 0x100000000
  || | | "SurfaceList" = ()
  || | | }
  || | | }
  || | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000b35, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ({"API"="Metal", "lastSubmittedTime"=0x27421bc5eeb, "accumulatedGPUTime"=0xc684136ec},
{"API"="Metal", "lastSubmittedTime"=0x79a57f8fc, "accumulatedGPUTime"=0x273f86})
  || | |   "IOUserClientCreator" = "pid 420, WindowServer"
  || | | }
  || | | }
  || | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000b41, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ({"API"="Metal", "lastSubmittedTime"=0x25c8b2ce1ae, "accumulatedGPUTime"=0x7dc06db8})
  || | |   "IOUserClientCreator" = "pid 537, TouchBarServer"
  || | | }
  || | | }
  || | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000bed, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ()
  || | |   "IOUserClientCreator" = "pid 423, loginwindow"
  || | | }
  || | | }
  || | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000c06, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ()
  || | |   "IOUserClientCreator" = "pid 647, Dock"
  || | | }
  || | | }
  || | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000c0b, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ({"API"="Metal", "lastSubmittedTime"=0x7d6312ae5, "accumulatedGPUTime"=0x83c730})
  || | |   "IOUserClientCreator" = "pid 618, ControlStrip"
  || | | }
  || | | }
  || | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000c2e, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ({"API"="Metal", "lastSubmittedTime"=0x7f00cd5a9, "accumulatedGPUTime"=0x1d3bb9})
  || | |   "IOUserClientCreator" = "pid 683, com.apple.dock.e"
  || | | }
  || | | }
  || | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000c30, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ()
  || | |   "IOUserClientCreator" = "pid 695, avconferenced"
  || | | }
  || | | }
  || | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000c36, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ({"API"="Metal", "lastSubmittedTime"=0x21ead66921b, "accumulatedGPUTime"=0x8528de})
  || | |   "IOUserClientCreator" = "pid 651, Finder"
  || | | }
  || | | }
  || | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000c3e, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ({"API"="Metal", "lastSubmittedTime"=0x83d244f66, "accumulatedGPUTime"=0x3caa1c})
  || | |   "IOUserClientCreator" = "pid 640, Notes"
  || | | }
  || | | }
  || | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000c42, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ({"API"="Metal", "lastSubmittedTime"=0x825729a70, "accumulatedGPUTime"=0x38168f})
  || | |   "IOUserClientCreator" = "pid 639, Mail"
  || | | }
  || | | }
  || | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000c45, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ({"API"="Metal", "lastSubmittedTime"=0x1f7058dc7dc, "accumulatedGPUTime"=0xff338b})
  || | |   "IOUserClientCreator" = "pid 672, iconservicesagen"
  || | | }
  || | | }
  || | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000c72, !registered, !matched, active, busy 0,
retain 5>
  || | | {
  || | |   "API" = "Metal"
  || | |   "AppUsage" = ({"API"="Metal", "lastSubmittedTime"=0x1f79a4699a0, "accumulatedGPUTime"=0x25566e},
{"API"="Metal", "lastSubmittedTime"=0x871056ddf, "accumulatedGPUTime"=0xd4646},
{"API"="Metal", "lastSubmittedTime"=0x1ed1fdb655e, "accumulatedGPUTime"=0x35421d})
  || | |   "IOUserClientCreator" = "pid 643, Preview"
  || | | }
  || | | }
  || | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100000cfb, !registered, !matched, active, busy 0,
retain 5>

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```
    | | | {
    | | |   "API" = "Metal"
    | | |   "AppUsage" = ({"API"="Metal",lastSubmittedTime=0x0,accumulatedGPUTime=0x0})
    | | |   "IOUserClientCreator" = "pid 743, com.apple.appkit"
    | | | }
    | | |
    | | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x10000d55, !registered, !matched, active, busy 0,
retain 5>
    | | | | {
    | | | |   "API" = "Metal"
    | | | |   "AppUsage" = ({"API"="Metal",lastSubmittedTime=0xa8161c408,accumulatedGPUTime=0xf1500})
    | | | |   "IOUserClientCreator" = "pid 645, Contacts"
    | | | | }
    | | | |
    | | | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x10000d5d, !registered, !matched, active, busy 0,
retain 5>
    | | | | | {
    | | | | |   "API" = "Metal"
    | | | | |   "AppUsage" = ()
    | | | | |   "IOUserClientCreator" = "pid 729, AvatarPickerMemo"
    | | | | | }
    | | | | |
    | | | | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x10000d70, !registered, !matched, active, busy 0,
retain 5>
    | | | | | | {
    | | | | | |   "API" = "Metal"
    | | | | | |   "AppUsage" = ({"API"="Metal",lastSubmittedTime=0x1530a421b53,accumulatedGPUTime=0x582f8})
    | | | | | |   "IOUserClientCreator" = "pid 641, Messages"
    | | | | | | }
    | | | | | |
    | | | | | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x10000dd5, !registered, !matched, active, busy 0,
retain 5>
    | | | | | | | {
    | | | | | | |   "API" = "Metal"
    | | | | | | |   "AppUsage" = ({"API"="Metal",lastSubmittedTime=0x0,accumulatedGPUTime=0x0},
{"API"="Metal",lastSubmittedTime=0x0,accumulatedGPUTime=0x0})
    | | | | | | |   "IOUserClientCreator" = "pid 352, MCTTriggerDriver"
    | | | | | | | }
    | | | | | | |
    | | | | | | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x10000e2b, !registered, !matched, active, busy 0,
retain 5>
    | | | | | | | | {
    | | | | | | | |   "API" = "Metal"
    | | | | | | | |   "AppUsage" = ({"API"="Metal",lastSubmittedTime=0x0,accumulatedGPUTime=0x0},{API="GL/
CL",lastSubmittedTime=0x24ad0bfec4a,accumulatedGPUTime=0x96905b2f1},{API="GL/
CL",lastSubmittedTime=0x0,accumulatedGPUTime=0x0})
    | | | | | | | |   "IOUserClientCreator" = "pid 876, Google Chrome He"
    | | | | | | | | }
    | | | | | | | |
    | | | | | | | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x10000e2d, !registered, !matched, active, busy 0,
retain 5>
    | | | | | | | | | {
    | | | | | | | | |   "API" = "Metal"
    | | | | | | | | |   "AppUsage" = ()
    | | | | | | | | |   "IOUserClientCreator" = "pid 880, VTDecoderXPCServ"
    | | | | | | | | | }
    | | | | | | | | |
    | | | | | | | | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x10000ea0, !registered, !matched, active, busy 0,
retain 5>
    | | | | | | | | | | {
    | | | | | | | | | |   "API" = "Metal"
    | | | | | | | | | |   "AppUsage" = ({"API"="Metal",lastSubmittedTime=0x0,accumulatedGPUTime=0x0},{API="GL/
CL",lastSubmittedTime=0x1104820031,accumulatedGPUTime=0x214ccf9})
    | | | | | | | | | |   "IOUserClientCreator" = "pid 972, Adobe CEF Helper"
    | | | | | | | | | | }
    | | | | | | | | | |
    | | | | | | | | | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x10000ea2, !registered, !matched, active, busy 0,
retain 5>
    | | | | | | | | | | | {
    | | | | | | | | | | |   "API" = "Metal"
    | | | | | | | | | | |   "AppUsage" = ()
    | | | | | | | | | | |   "IOUserClientCreator" = "pid 984, VTDecoderXPCServ"
    | | | | | | | | | | | }
    | | | | | | | | | | |
    | | | | | | | | | | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x10000ed1, !registered, !matched, active, busy 0,
retain 5>
    | | | | | | | | | | | | {
    | | | | | | | | | | | |   "API" = "Metal"
    | | | | | | | | | | | |   "AppUsage" = ({"API"="Metal",lastSubmittedTime=0xdfe9b4f43,accumulatedGPUTime=0x30e10})
    | | | | | | | | | | | |   "IOUserClientCreator" = "pid 931, UI"
    | | | | | | | | | | | | }
    | | | | | | | | | | | |
    | | | | | | | | | | | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x10000edb, !registered, !matched, active, busy 0,
retain 5>
    | | | | | | | | | | | | | {
    | | | | | | | | | | | | |   "API" = "Metal"
    | | | | | | | | | | | | |   "AppUsage" = ()
    | | | | | | | | | | | | |   "IOUserClientCreator" = "pid 988, Adobe Desktop Se"
    | | | | | | | | | | | | | }
    | | | | | | | | | | | | |
    | | | | | | | | | | | | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x10000f26, !registered, !matched, active, busy 0,
retain 5>
    | | | | | | | | | | | | | | {
    | | | | | | | | | | | | | |   "API" = "Metal"
    | | | | | | | | | | | | | |   "AppUsage" = ({"API"="Metal",lastSubmittedTime=0x209d0032fd8,accumulatedGPUTime=0xab443d})
    | | | | | | | | | | | | | |   "IOUserClientCreator" = "pid 626, Google Chrome"
    | | | | | | | | | | | | | | }
    | | | | | | | | | | | | | |
    | | | | | | | | | | | | | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x100010f4, !registered, !matched, active, busy 0,
retain 5>
    | | | | | | | | | | | | | | | {
    | | | | | | | | | | | | | | |   "API" = "Metal"
    | | | | | | | | | | | | | | |   "AppUsage" = ({"API"="Metal",lastSubmittedTime=0x231f11fc218,accumulatedGPUTime=0x1cb19c9})
    | | | | | | | | | | | | | | |   "IOUserClientCreator" = "pid 1376, System Informati"
    | | | | | | | | | | | | | | | }
    | | | | | | | | | | | | | | |
    | | | | | | | | | | | | | | | +-o AGXDeviceUserClient <class AGXDeviceUserClient, id 0x1000110e, !registered, !matched, active, busy 0,
retain 5>
```



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    | | | | "IOProbeScore" = 0x0
    | | | | "IONameMatch" = "iop-nub,rtbuddy-v2"
    | | | | "IOMatchedAtBoot" = Yes
    | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | "IOReportLegend" =
({"IOReportGroupName"="GFX","IOReportChannels"=((0x5254537475730000,0x900020002,"status")),{"IOReportChannel
nfo"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="IOP State"},
{"IOReportGroupName"="GFX","IOReportChannels"=((0x5254537461740000,0x600020002,"power
state")),{"IOReportChannelInfo"={"IOReportChannelUnit"=0x100007980000018},"IOReportSubGroupName"="Power
State"})
    | | | | "IOReportLegendPublic" = Yes
    | | | | "IONameMatched" = "iop-nub,rtbuddy-v2"
    | | | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
    | | | | "role" = "GFX"
    | | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
    | | | | }
    | | | | }
    | | | | +-o RTBuddyService <class RTBuddyService, id 0x1000003a3, registered, matched, active, busy 0 (45 ms),
retain 6>
    | | | | {
    | | | | | "IOProbeScore" = 0x0
    | | | | | "CFBundleIdentifier" = "com.apple.driver.RTBuddy"
    | | | | | "IOMatchCategory" = "RTBuddyService"
    | | | | | "IOClass" = "RTBuddyService"
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.RTBuddy"
    | | | | | "IOProviderClass" = "RTBuddy"
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.RTBuddy"
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "role" = "GFX"
    | | | | | }
    | | | | | }
    | | | | | +-o AGXFirmwareKextG13RTBuddy <class AGXFirmwareKextG13RTBuddy, id 0x100000418, registered,
matched, active, busy 0 (14 ms), retain 5>
    | | | | | {
    | | | | | | "IOPropertyMatch" = {"role"="GFX"}
    | | | | | | "CFBundleIdentifier" = "com.apple.AGXFirmwareKextG13GRTBuddy"
    | | | | | | "IOMatchCategory" = "AGXFirmwareKextG13RTBuddy"
    | | | | | | "IOClass" = "AGXFirmwareKextG13RTBuddy"
    | | | | | | "IOPersonalityPublisher" = "com.apple.AGXFirmwareKextG13GRTBuddy"
    | | | | | | "IOProviderClass" = "RTBuddyService"
    | | | | | | "CFBundleIdentifierKernel" = "com.apple.AGXFirmwareKextG13GRTBuddy"
    | | | | | | "IOProbeScore" = 0x0
    | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | }
    | | | | | | }
    | | | | | +-o GFXEndpoint1 <class RTBuddyEndpointService, id 0x1000006ab, registered, matched, active, busy 0 (0
ms), retain 6>
    | | | | | {
    | | | | | }
    | | | | | }
    | | | | | +-o GFXEndpoint2 <class RTBuddyEndpointService, id 0x1000006ac, registered, matched, active, busy 0 (0
ms), retain 6>
    | | | | | {
    | | | | | }
    | | | | | }
    | | | | +-o mapper-gfx-asc <class AppleARMIODevice, id 0x1000001f7, registered, matched, active, busy 0 (108 ms),
retain 9>
    | | | | {
    | | | | | "compatible" = <696f6d6d752d6d61707065722c67667800>
    | | | | | "name" = <6d61707065722d6766782d61736300>
    | | | | | "AAPL,phandle" = <f8000000>
    | | | | | }
    | | | | | }
    | | | | | +-o AGXArmFirmwareMapper <class AGXArmFirmwareMapper, id 0x1000002df, registered, matched, active, busy
0 (0 ms), retain 8>
    | | | | | {
    | | | | | | "IOProbeScore" = 0x0
    | | | | | | "CFBundleIdentifier" = "com.apple.AGXG13G"
    | | | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | | | "IOClass" = "AGXArmFirmwareMapper"
    | | | | | | "IOPersonalityPublisher" = "com.apple.AGXG13G"
    | | | | | | "CFBundleIdentifierKernel" = "com.apple.AGXG13G"
    | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | "IONameMatch" = "iommu-mapper,gfx"
    | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | "IONameMatched" = "iommu-mapper,gfx"
    | | | | | | "IOMapperID" = <f8000000>
    | | | | | | }
    | | | | | | }
    | | | | | }
    | | | | | +-o mca-switch@38400000 <class AppleARMIODevice, id 0x1000001f8, registered, matched, active, busy 0 (170
ms), retain 8>
    | | | | | {
    | | | | | | "mca-identity" = <2e307773>
    | | | | | | "compatible" = <6d63612d7377697463682c743831303300>
    | | | | | | "numClusters" = <06000000>
    | | | | | | "regStride" = <00400000004000000400000004000000>
    | | | | | | "name" = <6d63612d73776974636800>
    | | | | | | "IODeviceMemory" = (({"address"=0x23840000,"length"=0x18000}),
({"address"=0x23830000,"length"=0x30000}),({"address"=0x23b0400d4,"length"=0x18}),
({"address"=0x23850000,"length"=0x4000}))
    | | | | | | "clock-gates" = <3f0000004000000041000000420000004300000044000000>
    | | | | | | "reg" =
<00004038000000000080010000000000003038000000000000303000000000d400043b0000000018000000000
000000005038000000000040000000000000>
    | | | | | | "AAPL,phandle" = <f9000000>
    | | | | | | "device_type" = <6d63612d73776974636800>
    | | | | | | }
    | | | | | | }
    | | | | | }
    | | | | | +-o AppleMCA2Switch <class AppleMCA2Switch, id 0x100000316, registered, matched, active, busy 0 (0 ms),
retain 19>
    | | | | | {
    | | | | | | "IOClass" = "AppleMCA2Switch"
    | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleMCA2-T8103"
    | | | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | | | "IOPowerManagement" =
{"ChildrenPowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"DriverPowerState"
=0x1}
    | | | | | | "ActiveRoutes" = ()

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    | | | "IOPlatformWakeAction" = 0x1388
    | | | "IOProbeScore" = 0x0
    | | | "IONameMatch" = ("mca-switch,t8103")
    | | | "IOMatchedAtBoot" = Yes
    | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | "numMCLKs" = 0x6
    | | | "IONameMatched" = "mca-switch,t8103"
    | | | "IOPersonalityPublisher" = "com.apple.driver.AppleMCA2-T8103"
    | | | "SynthesizedRoutes" = ()
    | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMCA2-T8103"
    | | | "numClusters" = 0x6
    | | | "mclkPinMask" = 0x3f
    | | | "IOFunctionParent000000F9" = <>
    | | | }
    | | | }
    | | | +-o mca0@38400000 <class AppleARMIODevice, id 0x1000001f9, registered, matched, active, busy 0 (265 ms),
retain 9>
    | | | | {
    | | | | | "mca-identity" = <2e306c63>
    | | | | | "compatible" = <6d6361436c75737465722c743831303300>
    | | | | | "sio_mca-version" = <02000000>
    | | | | | "interrupt-parent" = <70000000>
    | | | | | "interrupts" = <6b020000>
    | | | | | "reg" =
    | | | | | <000040380000000004000000000000000030380000000004000000000000000403038000000000400000000
00000>
    | | | | | "AAPL,phandle" = <fa000000>
    | | | | | "IOInterruptSpecifiers" = (<6b020000>)
    | | | | | "IOInterruptControllers" = ("IOInterruptController00000070")
    | | | | | "device_type" = <69327300>
    | | | | | "mca_dma-version" = <01000000>
    | | | | | "#size-cells" = <0c000000>
    | | | | | "function-switch_config" = <f90000004361636d2e306c63>
    | | | | | "#address-cells" = <00000000>
    | | | | | "IODeviceMemory" = (({"address"=0x23840000,"length"=0x4000}),
({"address"=0x23830000,"length"=0x4000}),({"address"=0x23830400,"length"=0x4000}))
    | | | | | "IOReportLegend" = ({"IOReportGroupName"="Interrupt Statistics (by
index)", "IOReportChannels"=(("0x496e747200000001,0x100020001," First Level Interrupt Handler Count"),
(0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"),
(0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)",
(0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)",
(0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)")), "IORepo$
    | | | | | "IOReportLegendPublic" = Yes
    | | | | | "name" = <6d63613000>
    | | | | | }
    | | | | | }
    | | | | | +-o AppleMCA2Cluster_T8103 <class AppleMCA2Cluster_T8103, id 0x100000315, registered, matched, active,
busy 0 (37 ms), retain 6>
    | | | | | | {
    | | | | | | | "IOClass" = "AppleMCA2Cluster_T8103"
    | | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleMCA2-T8103"
    | | | | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | | | | "IOProbeScore" = 0x0
    | | | | | | | "IONameMatch" = ("mcaCluster,t8103")
    | | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | | "mca-uses-iopm-overrides" = "true"
    | | | | | | | "IONameMatched" = "mcaCluster,t8103"
    | | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleMCA2-T8103"
    | | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleMCA2-T8103"
    | | | | | | | "filterInterrupt" = No
    | | | | | | | }
    | | | | | | }
    | | | | | +-o mca0a <class AppleMCA2Controller_T8103, id 0x1000001fa, registered, matched, active, busy 0 (33 ms),
retain 15>
    | | | | | | {
    | | | | | | | "mclk-config" = <00000000ffffff>
    | | | | | | | "mca-identity" = <6130636d>
    | | | | | | | "compatible" = <6d63612c743831303300>
    | | | | | | | "Name" = "mca0a"
    | | | | | | | "AAPL,phandle" = <fb000000>
    | | | | | | | "function-i2s_route" = <f900000052733269302e7874306e697002020200>
    | | | | | | | "dma-channels" =
    | | | | | | | <280000002100000000000000cc000000ac0000000000000000000000000000002900000002100000000000000cc00
0000ac00000000000000000000000000000000280000002200000000000000cc000000ac000000000000000000000000000000
000000029000000220000000000000cc000000ac00000000000000000000000000000000>
    | | | | | | | "function-admac_powerswitch" = <b100000043535061>
    | | | | | | | "syncGen-config" = <306e797330676b63306e797330676b63>
    | | | | | | | "IOReportLegend" =
    | | | | | | | ({"IOReportGroupName"="AppleMCA2Cluster_T8103", "IOReportChannels"=(("0x444d41415258554e,0x101000001,"mca0a.
IRQ.DMA_A.RX_Fifo_Underflow"),(0x444d414154584f56,0x101000001,"mca0a.IRQ.DMA_A.TX_Fifo_Overflow"),
(0x5458414654e464c4f,0x101000001,"mca0a.IRQ.TXA_Underflow"),
(0x5458414652455252,0x101000001,"mca0a.IRQ.TXA_Frame_Error"),
(0x5258414f56464c4f,0x101000001,"mca0a.IRQ.RXA_Overflow"),
(0x5258414652455252,0x101000001,"mca0a.IRQ.RXA_Frame_Error")), "IOReportChannelInfo"={"IOReportChannelUnit"=0
x0}, "IOReportSubGrou$
    | | | | | | | "device_type" = <69327300>
    | | | | | | | "IOReportLegendPublic" = Yes
    | | | | | | | "IOPowerManagement" =
    | | | | | | | {"ChildrenPowerState"=0x1,"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState
"=0x1}
    | | | | | | | "dma-parent" = <b1000000>
    | | | | | | | "external-power-provider" = <b1000000>
    | | | | | | | "function-i2s_route0" = <f900000052733269302e7872302e787401010000>
    | | | | | | | "name" = <6d6361306100>
    | | | | | | | }
    | | | | | | }
    | | | | | +-o audio-loopback@1201 <class AppleARMIODevice, id 0x1000001fb, registered, matched, active, busy 0 (32
ms), retain 9>
    | | | | | | {
    | | | | | | | "name" = <617564696f2d6c6f6f706261636b00>
    | | | | | | | "compatible" = <617564696f2d646174612c617564696f2d6c6f6f706261636b00>
    | | | | | | | "private" = <3100>
    | | | | | | | "data-sources" = <633270610202000000001000000000080b000004c6f6f706261636b00>
    | | | | | | | "Name" = "audio-loopback"
    | | | | | | | "reg" = <01120000f100100001bb700fa000100300001000300000030000000202101000000000>
    | | | | | | | "AAPL,phandle" = <fc000000>
    | | | | | | | "device_type" = <617564696f2d6461746100>
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    | | | | }
    | | | | |
    | | | | +-o Loopback <class AppleSecondaryAudio, id 0x100000489, registered, matched, active, busy 0 (0 ms),
retain 10>
    | | | | {
    | | | | | "exclusive access owner" = 0xffffffffffffff
    | | | | | "transport type" = 0x626c746e
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "controls" = ({
    | | | | | "control
ID"=0x12c,"variant"=0x0,"selectors"=({{"value"=0x61703263,"name"="Loopback"}},{"scope"=0x676c6f62,"element"=0x0,"
class"=0x64737263,"value"=0x61703263,"base class"=0x736c6374,"read only"=0x0})
    | | | | | "IOFunctionParent00000FC" = <>
    | | | | | "input safety offset" = 0x6d
    | | | | | "output latency" = 0x3e
    | | | | | "device name" = "Loopback"
    | | | | | "IONameMatched" = "audio-data,audio-loopback"
    | | | | | "output streams" = ({
    | | | | | | "stream ID"=0xc8,"starting channel"=0x1,"available formats"=({{"bytes per
frame"=0x4,"channels per frame"=0x2,"bits per channel"=0x10,"format flags"=0xc,"max sample
rate"=0xbb800000000,"bytes per packet"=0x4,"frames per packet"=0x1,"format ID"=0x6c70636d,"min sample
rate"=0xbb800000000},{"bytes per frame"=0x8,"channels per frame"=0x2,"bits per channel"=0x14,"format
flags"=0x4,"max sample rate"=0xbb800000000,"bytes per packet"=0x8,"frames per packet"=0x1,"format
ID"=0x6c70636d,"min sample rate"=0xbb$
    | | | | | | "input streams" = ({
    | | | | | | | "stream ID"=0x64,"starting channel"=0x1,"available formats"=({{"bytes per
frame"=0x4,"channels per frame"=0x2,"bits per channel"=0x10,"format flags"=0xc,"max sample
rate"=0xbb800000000,"bytes per packet"=0x4,"frames per packet"=0x1,"format ID"=0x6c70636d,"min sample
rate"=0xbb800000000},{"bytes per frame"=0x8,"channels per frame"=0x2,"bits per channel"=0x14,"format
flags"=0x4,"max sample rate"=0xbb800000000,"bytes per packet"=0x8,"frames per packet"=0x1,"format
ID"=0x6c70636d,"min sample rate"=0xbb$
    | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedAudio"
    | | | | | | "IOPowerManagement" =
{"DevicePowerState"=0x1,"CurrentPowerState"=0x1,"CapabilityFlags"=0x8000,"MaxPowerState"=0x1}
    | | | | | | "custom property info" = ({{"property selector"=0x4d434373,"registry key"="maxChannelCount"})
    | | | | | | "sample rate" = 0xbb800000000
    | | | | | | "safety-offset-seed-divisor" = 0x2ee
    | | | | | | "device UID" = "Loopback"
    | | | | | | "IOReporters" = Yes
    | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedAudio"
    | | | | | | "output safety offset" = 0x72
    | | | | | | "is private" = Yes
    | | | | | | "IOProviderClass" = "AppleARMIISDevice"
    | | | | | | "bidirectional" = Yes
    | | | | | | "is running" = No
    | | | | | | "IONameMatch" = "audio-data,audio-loopback"
    | | | | | | "IOReportLegendPublic" = Yes
    | | | | | | "IOClass" = "AppleSecondaryAudio"
    | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedAudio"
    | | | | | | "input latency" = 0x2d
    | | | | | | "device manufacturer" = "Apple Inc."
    | | | | | | "current state" = "off"
    | | | | | | "IOMatchCategory" = "AppleSecondaryAudio"
    | | | | | | "clock domain" = 0x6d61696e
    | | | | | | "IOProbeScore" = 0x3e8
    | | | | | | "io buffer frame size" = 0x3de0
    | | | | | | "IOReportLegend" =
{"IOReportGroupName"="Loopback","IOReportChannels"=({0x5359534c4153544d,0x180000001,"Sleep cycles with
active streams"},{0x5a53544259584652,0x180000001,"Zero start byte transfers"},
{0x4f42534259584652,0x180000001,"Out-of-bounds start byte
transfer"}),{"IOReportChannelInfo"=({{"IOReportChannelUnit"=0x6400000000000000},"IOReportSubGroupName"="Misc.
Debug Status"},{"IOReportGroupName"="Loopback","IOReportChannels"=({0x494e444d414d5247,0x2100040003,"Input
DMA Margin"}),{"IOReportChannelInfo"=({{"IOReportChanne$
    | | | | | | | "maxChannelCount" = {"MaxInputChannelCount"=0x2,"MaxOutputChannelCount"=0x2}
    | | | | | | }
    | | | | | | }
    | | | | | +-o IOAudio2DeviceUserClient <class IOAudio2DeviceUserClient, id 0x100000b30, !registered, !matched,
active, busy 0, retain 5>
    | | | | | {
    | | | | | | "IOUserClientCreator" = "pid 445, coreaudioid"
    | | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | +-o mca1@38404000 <class AppleARMIODevice, id 0x1000001fc, registered, matched, active, busy 0 (265 ms),
retain 9>
    | | | | | {
    | | | | | | "mca-identity" = <2e316c63>
    | | | | | | "compatible" = <6d6361436c75737465722c743831303300>
    | | | | | | "sio_mca-version" = <02000000>
    | | | | | | "interrupt-parent" = <70000000>
    | | | | | | "interrupts" = <6c020000>
    | | | | | | "reg" =
<00404038000000000400000000000000803038000000000400000000000000c030380000000004000000000
0000>
    | | | | | | "AAPL,phandle" = <fd000000>
    | | | | | | "IOInterruptSpecifiers" = <6c020000>
    | | | | | | "IOInterruptControllers" = ("IOInterruptController00000070")
    | | | | | | "device_type" = <69327300>
    | | | | | | "mca_dma-version" = <01000000>
    | | | | | | "#size-cells" = <0c000000>
    | | | | | | "function-switch_config" = <f90000004361636d2e316c63>
    | | | | | | "#address-cells" = <00000000>
    | | | | | | "IODeviceMemory" = ({{"address"=0x238404000,"length"=0x4000},
{"address"=0x238308000,"length"=0x4000},{"address"=0x23830c000,"length"=0x4000})
    | | | | | | "IOReportLegend" = ({{"IOReportGroupName"="Interrupt Statistics (by
index)","IOReportChannels"=({0x496e747200000001,0x100020001," First Level Interrupt Handler Count"},
{0x496e747200000001,0x100020001," Second Level Interrupt Handler Count"},
{0x496e747200000002,0x100020001," First Level Interrupt Handler Time (MATUs)"},
{0x496e747200000003,0x100020001," Second Level Interrupt Handler CPU Time (MATUs)"},
{0x496e747200000004,0x100020001,"Second Level Interrupt Handler System Time (MATUs)"}),{"IORepo$
    | | | | | | "IOReportLegendPublic" = Yes
    | | | | | | "name" = <6d63613100>
    | | | | | | }
    | | | | | | }
    | | | | | +-o AppleMCA2Cluster_T8103 <class AppleMCA2Cluster_T8103, id 0x1000002de, registered, matched, active,
busy 0 (31 ms), retain 6>
    | | | | | {
    | | | | | | "IOClass" = "AppleMCA2Cluster_T8103"
    | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleMCA2-T8103"
    | | | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | | | "IOProbeScore" = 0x0

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|| | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x1000002fc, registered, matched, active, busy 0
(1004 ms), retain 8>
|| | |{
|| | | "IOClass" = "AppleT8015TempSensor"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformActiveAction" = 0x3b6
|| | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | "IOPlatformQuiesceAction" = 0xfa
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | | "IOResourceMatch" = "IOKit"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOFunctionParent00000105" = <>
|| | | "IONameMatched" = "tempsensor,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "location-name" = <504d475220534f43204469652054656d702053656e736f723000>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "DeviceOpenedByEventSystem" = Yes
|| | | "QueueSize" = 0x0
|| | | }
|| | |
|| | | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x1000002fd, registered, matched, active, busy 0
(1004 ms), retain 8>
|| | | |{
|| | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "PMGR SOC Die Temp Sensor0"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x5
|| | | | "LocationID" = 0x54683069
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},,"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPreferences"=Yes$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({("DeviceUsagePage"=0xff00,"DeviceUsage"=0x5)})
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff00
|| | | | "VendorIDSource" = 0x0
|| | | | }
|| | | |
|| | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b09, !registered, !matched,
active, busy 0, retain 6>
|| | | | {
|| | | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | |
|| | | | +-o tempsensor1@3B2C4000 <class AppleARMIODevice, id 0x100000205, registered, matched, active, busy 0
(1130 ms), retain 8>
|| | | | {
|| | | | "sensor-offset-CTL2" = <0c40000000000000>
|| | | | "location-id" = <69316854>
|| | | | "reg" = <00402c3b000000000040030000000000>
|| | | | "sensor-offset-CTL0-clr" = <0440000000000000>
|| | | | "AAPL,phandle" = <06010000>
|| | | | "IODeviceMemory" = ({("address"=0x23b2c4000,"length"=0x34000)})
|| | | | "alarm1-temp" = <00000000>
|| | | | "sensor-AvgMax" = <00000000>
|| | | | "location-name" = <504d475220534f43204469652054656d702053656e736f723100>
|| | | | "alarm0-temp" = <00000000>
|| | | | "sensor-offset-CTL1" = <0840000000000000>
|| | | | "sensor-offset-status" = <1040000000000000>
|| | | | "sensor-offset-readSum" = <5440000000000000>
|| | | | "sensor-offset-CTL3-set" = <9840000000000000>
|| | | | "reg-64-bit" = <00000000>
|| | | | "sensor-accuracy" = <02000000>
|| | | | "sensor-offset-CTL3-clr" = <9c40000000000000>
|| | | | "name" = <74656d7073656e736f723100>
|| | | | "sensor-offset-readBK" = <0040020000000000>
|| | | | "sensor-offset-alarm0" = <5c40000000000000>
|| | | | "sensor-offset-readCnt" = <5840000000000000>
|| | | | "compatible" = <74656d7073656e736f722c743830323000>
|| | | | "sensor-offset-alarm1" = <6040000000000000>
|| | | | "sensor-offset-alarm2" = <6440000000000000>
|| | | | "sensor-offset-readBK1" = <0440020000000000>
|| | | | "sensor-offset-alarm3" = <6840000000000000>
|| | | | "sensor-offset-CTL4-set" = <a040000000000000>
|| | | | "sensor-offset-CTL4-clr" = <a440000000000000>
|| | | | "device_type" = <74656d7073656e736f7200>
|| | | | "sensor-offset-CTL0-set" = <0040000000000000>
|| | | | "disable-aets-fastdie" = <01000000>
|| | | | }
|| | | |
|| | | | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x1000002f8, registered, matched, active, busy 0
(1004 ms), retain 8>
|| | | | |{
|| | | | | "IOClass" = "AppleT8015TempSensor"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | | "IOPlatformActiveAction" = 0x3b6
|| | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | "IOPlatformQuiesceAction" = 0xfa
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | | | | "IOResourceMatch" = "IOKit"

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|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOFunctionParent00000106" = <>
|| | | "IONameMatched" = "tempensor,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "location-name" = <504d475220534f43204469652054656d702053656e736f723100>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "DeviceOpenedByEventSystem" = Yes
|| | | "QueueSize" = 0x0
|| | | }
|| | | }
|| | | }
|| | | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x1000002f9, registered, matched, active, busy 0
(1004 ms), retain 8>
|| | | {
|| | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin", "FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "PMGR SOC Die Temp Sensor1"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x5
|| | | | "LocationID" = 0x54683169
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}}, "MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}}, "HI
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = ({ "DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff00
|| | | | "VendorIDSource" = 0x0
|| | | | }
|| | | | }
|| | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b0a, !registered, !matched,
active, busy 0, retain 6>
|| | | | {
|| | | | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | +-o tempensor2@3B2C4000 <class AppleARMIODevice, id 0x100000206, registered, matched, active, busy 0
(1135 ms), retain 8>
|| | | | {
|| | | | | "sensor-offset-CTL2" = <0c80000000000000>
|| | | | | "location-id" = <69326854>
|| | | | | "reg" = <00402c3b000000000040030000000000>
|| | | | | "sensor-offset-CTL0-clr" = <0480000000000000>
|| | | | | "AAPL_phandle" = <07010000>
|| | | | | "IODeviceMemory" = ({ ("address"=0x23b2c4000,"length"=0x34000)})
|| | | | | "alarm1-temp" = <00000000>
|| | | | | "sensor-AvgMax" = <00000000>
|| | | | | "location-name" = <504d475220534f43204469652054656d702053656e736f723200>
|| | | | | "alarm0-temp" = <00000000>
|| | | | | "sensor-offset-CTL1" = <0880000000000000>
|| | | | | "sensor-offset-status" = <1080000000000000>
|| | | | | "sensor-offset-readSum" = <5480000000000000>
|| | | | | "sensor-offset-CTL3-set" = <9880000000000000>
|| | | | | "reg-64-bit" = <00000000>
|| | | | | "sensor-accuracy" = <02000000>
|| | | | | "sensor-offset-CTL3-clr" = <9c80000000000000>
|| | | | | "name" = <74656d7073656e736f723200>
|| | | | | "sensor-offset-readBK" = <0080020000000000>
|| | | | | "sensor-offset-alarm0" = <5c80000000000000>
|| | | | | "sensor-offset-readCnt" = <5880000000000000>
|| | | | | "compatible" = <74656d7073656e736f722c743830323000>
|| | | | | "sensor-offset-alarm1" = <6080000000000000>
|| | | | | "sensor-offset-alarm2" = <6480000000000000>
|| | | | | "sensor-offset-readBK1" = <0480020000000000>
|| | | | | "sensor-offset-alarm3" = <6880000000000000>
|| | | | | "sensor-offset-CTL4-set" = <a080000000000000>
|| | | | | "sensor-offset-CTL4-clr" = <a480000000000000>
|| | | | | "device_type" = <74656d7073656e736f7200>
|| | | | | "sensor-offset-CTL0-set" = <0080000000000000>
|| | | | | "disable-aets-fastdie" = <01000000>
|| | | | | }
|| | | | | }
|| | | | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x100000305, registered, matched, active, busy 0
(1004 ms), retain 8>
|| | | | {
|| | | | | "IOClass" = "AppleT8015TempSensor"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | | "IOPlatformActiveAction" = 0x3b6
|| | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | "IOPlatformQuiesceAction" = 0xfa
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IONameMatch" = ("tempensor,t8015"; "tempensor,t8020"; "tempensor,t8027"; "tempensor,t8030")
|| | | | | "IOResourceMatch" = "IOKit"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "IONameMatched" = "tempensor,t8020"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | | "IOFunctionParent00000107" = <>
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | | "location-name" = <504d475220534f43204469652054656d702053656e736f723200>
|| | | | | "DeviceOpenedByEventSystem" = Yes
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | | }
|| | | | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x100000306, registered, matched, active, busy 0

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(1004 ms), retain 8>
    | | | | {
    | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
    | | | | "VendorID" = 0x0
    | | | | "CountryCode" = 0x0
    | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | "Product" = "PMGR SOC Die Temp Sensor2"
    | | | | "VersionNumber" = 0x0
    | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | "PrimaryUsage" = 0x5
    | | | | "LocationID" = 0x54683269
    | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=({}),"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({ "BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
    | | | | "ProductID" = 0x0
    | | | | "DeviceUsagePairs" = ({ "DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    | | | | "Built-In" = Yes
    | | | | "ReportInterval" = 0x0
    | | | | "HIDServiceSupport" = Yes
    | | | | "PrimaryUsagePage" = 0xff00
    | | | | "VendorIDSource" = 0x0
    | | | | }
    | | | | }
    | | | | }
    | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b08, !registered, !matched,
active, busy 0, retain 6>
    | | | | {
    | | | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | "IOUserClientDefaultLocking" = Yes
    | | | | }
    | | | | }
    | | | | +-o mtrtempsensor3@3B280000 <class AppleARMIODevice, id 0x100000207, registered, matched, active, busy 0
(1129 ms), retain 8>
    | | | | {
    | | | | "reg" = <0000283b000000000080000000000000>
    | | | | "location-id" = <69307354>
    | | | | "sensor-offset-CTL0-clr" = <0410000000000000>
    | | | | "AAPL,phandle" = <08010000>
    | | | | "IODeviceMemory" = ({ "address"=0x23b280000,"length"=0x8000})
    | | | | "alarm1-temp" = <00000000>
    | | | | "invokes-sochot" = <01000000>
    | | | | "location-name" = <534f43204d54522054656d702053656e736f723000>
    | | | | "alarm0-temp" = <00000000>
    | | | | "sensor-AvgMax" = <00000000>
    | | | | "sensor-offset-status" = <0810000000000000>
    | | | | "sensor-offset-readSum" = <0c10000000000000>
    | | | | "reg-64-bit" = <00000000>
    | | | | "sensor-accuracy" = <02000000>
    | | | | "sensor-offset-CTL1-clr" = <6011000000000000>
    | | | | "sensor-offset-CTL1-set" = <5c11000000000000>
    | | | | "name" = <6d747274656d7073656e736f723300>
    | | | | "sensor-offset-readBK" = <0040000000000000>
    | | | | "sensor-offset-alarm0" = <1410000000000000>
    | | | | "sensor-offset-readCnt" = <1010000000000000>
    | | | | "compatible" = <74656d7073656e736f722c743830323000>
    | | | | "sensor-offset-alarm1" = <1810000000000000>
    | | | | "sensor-offset-alarm2" = <1c10000000000000>
    | | | | "sensor-offset-readBK1" = <0440000000000000>
    | | | | "sensor-offset-alarm3" = <2010000000000000>
    | | | | "sensor-offset-CTL2-set" = <6411000000000000>
    | | | | "device_type" = <74656d7073656e736f7200>
    | | | | "sensor-offset-CTL2-clr" = <6811000000000000>
    | | | | "sensor-offset-CTL0-set" = <0010000000000000>
    | | | | "disable-aets-fastdie" = <01000000>
    | | | | }
    | | | | }
    | | | | }
    | | | | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x1000002f4, registered, matched, active, busy 0
(1004 ms), retain 8>
    | | | | {
    | | | | "IOClass" = "AppleT8015TempSensor"
    | | | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | "IOFunctionParent00000108" = <>
    | | | | "IOPlatformActiveAction" = 0x3b6
    | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
    | | | | "IOPlatformQuiesceAction" = 0xfa
    | | | | "IOProbeScore" = 0x0
    | | | | "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
    | | | | "IOResourceMatch" = "IOKit"
    | | | | "IOMatchedAtBoot" = Yes
    | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | "IONameMatched" = "tempsensor,t8020"
    | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | | | "location-name" = <534f43204d54522054656d702053656e736f723000>
    | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | | | "DeviceOpenedByEventSystem" = Yes
    | | | | "QueueSize" = 0x0
    | | | | }
    | | | | }
    | | | | }
    | | | | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x1000002f5, registered, matched, active, busy 0
(1004 ms), retain 8>
    | | | | {
    | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
    | | | | "VendorID" = 0x0
    | | | | "CountryCode" = 0x0
    | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | "Product" = "SOC MTR Temp Sensor0"
    | | | | "VersionNumber" = 0x0
    | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | "PrimaryUsage" = 0x5
    | | | | "LocationID" = 0x54733069
    | | | | "HIDEventServiceProperties" =

```

```

{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},{"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HID
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
    | | | "ProductID" = 0x0
    | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    | | | "Built-In" = Yes
    | | | "ReportInterval" = 0x0
    | | | "HIDServiceSupport" = Yes
    | | | "PrimaryUsagePage" = 0xff00
    | | | "VendorIDSource" = 0x0
    | | | }
    | | | }
    | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b0b, !registered, !matched,
active, busy 0, retain 6>
    | | | {
    | | |   "DebugState" =
    | | |   {"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    | | |   "IOUserClientCreator" = "pid 420, WindowServer"
    | | |   "IOUserClientDefaultLocking" = Yes
    | | | }
    | | | }
    | | | +-o mtrtempensor4@3B280000 <class AppleARMIODevice, id 0x100000208, registered, matched, active, busy 0
(1106 ms), retain 8>
    | | | {
    | | |   "reg" = <0000283b000000000080000000000000>
    | | |   "location-id" = <69317354>
    | | |   "sensor-offset-CTL0-clr" = <0412000000000000>
    | | |   "AAPL,phandle" = <09010000>
    | | |   "IODeviceMemory" = ({{"address"=0x23b280000,"length"=0x8000})
    | | |   "alarm1-temp" = <00000000>
    | | |   "invokes-sochot" = <01000000>
    | | |   "location-name" = <534f43204d54522054656d702053656e736f723100>
    | | |   "alarm0-temp" = <00000000>
    | | |   "sensor-AvgMax" = <00000000>
    | | |   "sensor-offset-status" = <0812000000000000>
    | | |   "sensor-offset-readSum" = <0c12000000000000>
    | | |   "reg-64-bit" = <00000000>
    | | |   "sensor-accuracy" = <02000000>
    | | |   "sensor-offset-CTL1-clr" = <6013000000000000>
    | | |   "sensor-offset-CTL1-set" = <5c13000000000000>
    | | |   "name" = <6d747274656d7073656e736f723400>
    | | |   "sensor-offset-readBK" = <0042000000000000>
    | | |   "sensor-offset-alarm0" = <1412000000000000>
    | | |   "sensor-offset-readCnt" = <1012000000000000>
    | | |   "compatible" = <74656d7073656e736f722c743830323000>
    | | |   "sensor-offset-alarm1" = <1812000000000000>
    | | |   "sensor-offset-alarm2" = <1c12000000000000>
    | | |   "sensor-offset-readBK1" = <0442000000000000>
    | | |   "sensor-offset-alarm3" = <2012000000000000>
    | | |   "sensor-offset-CTL2-set" = <6413000000000000>
    | | |   "device_type" = <74656d7073656e736f7200>
    | | |   "sensor-offset-CTL2-clr" = <6813000000000000>
    | | |   "sensor-offset-CTL0-set" = <0012000000000000>
    | | |   "disable-aets-fastdie" = <01000000>
    | | | }
    | | | }
    | | | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x1000002d6, registered, matched, active, busy 0
(1004 ms), retain 8>
    | | | {
    | | |   "IOClass" = "AppleT8015TempSensor"
    | | |   "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | |   "IOProviderClass" = "AppleARMIODevice"
    | | |   "IOPlatformActiveAction" = 0x3b6
    | | |   "IOFunctionParent00000109" = <>
    | | |   "IOPlatformQuiesceAction" = 0xfa
    | | |   "IOProbeScore" = 0x0
    | | |   "IONameMatch" = ("tempensor,t8015";"tempensor,t8020";"tempensor,t8027";"tempensor,t8030")
    | | |   "IOResourceMatch" = "IOKit"
    | | |   "IOMatchedAtBoot" = Yes
    | | |   "IOMatchCategory" = "IODefaultMatchCategory"
    | | |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
    | | |   "IONameMatched" = "tempensor,t8020"
    | | |   "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | |   "location-name" = <534f43204d54522054656d702053656e736f723100>
    | | |   "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | |   "DeviceOpenedByEventSystem" = Yes
    | | |   "QueueSize" = 0x0
    | | | }
    | | | }
    | | | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x1000002d7, registered, matched, active, busy 0
(1004 ms), retain 8>
    | | | {
    | | |   "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin";"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
    | | |   "VendorID" = 0x0
    | | |   "CountryCode" = 0x0
    | | |   "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | |   "Product" = "SOC MTR Temp Sensor1"
    | | |   "VersionNumber" = 0x0
    | | |   "IOGeneralInterest" = "IOCommand is not serializable"
    | | |   "PrimaryUsage" = 0x5
    | | |   "LocationID" = 0x54733169
    | | |   "HIDEventServiceProperties" =
    | | |   {"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},{"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HID
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
    | | |   "ProductID" = 0x0
    | | |   "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    | | |   "Built-In" = Yes
    | | |   "ReportInterval" = 0x0
    | | |   "HIDServiceSupport" = Yes
    | | |   "PrimaryUsagePage" = 0xff00
    | | |   "VendorIDSource" = 0x0
    | | | }
    | | | }

```

```
    | | |
    | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b0d, !registered, !matched,
active, busy 0, retain 6>
    | | | {
    | | |     "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | |     "IOUserClientDefaultLocking" = Yes
    | | | }
    | | |
    | | | +-o mtrtempsensor5@3B280000 <class AppleARMIODevice, id 0x100000209, registered, matched, active, busy 0
(1105 ms), retain 8>
    | | | {
    | | |     "reg" = <0000283b000000000080000000000000>
    | | |     "location-id" = <69327354>
    | | |     "sensor-offset-CTL0-clr" = <0414000000000000>
    | | |     "AAPL,phandle" = <0a010000>
    | | |     "IODeviceMemory" = ({"address"=0x23b280000,"length"=0x8000})
    | | |     "alarm1-temp" = <00000000>
    | | |     "invokes-sochot" = <01000000>
    | | |     "location-name" = <534f43204d54522054656d702053656e736f723200>
    | | |     "alarm0-temp" = <00000000>
    | | |     "sensor-AvgMax" = <00000000>
    | | |     "sensor-offset-status" = <0814000000000000>
    | | |     "sensor-offset-readSum" = <0c14000000000000>
    | | |     "reg-64-bit" = <00000000>
    | | |     "sensor-accuracy" = <02000000>
    | | |     "sensor-offset-CTL1-clr" = <6015000000000000>
    | | |     "sensor-offset-CTL1-set" = <5c15000000000000>
    | | |     "name" = <6d747274656d7073656e736f723500>
    | | |     "sensor-offset-readBK" = <0044000000000000>
    | | |     "sensor-offset-alarm0" = <1414000000000000>
    | | |     "sensor-offset-readCnt" = <1014000000000000>
    | | |     "compatible" = <74656d7073656e736f722c743830323000>
    | | |     "sensor-offset-alarm1" = <1814000000000000>
    | | |     "sensor-offset-alarm2" = <1c14000000000000>
    | | |     "sensor-offset-readBK1" = <0444000000000000>
    | | |     "sensor-offset-alarm3" = <2014000000000000>
    | | |     "sensor-offset-CTL2-set" = <6415000000000000>
    | | |     "device_type" = <74656d7073656e736f7200>
    | | |     "sensor-offset-CTL2-clr" = <6815000000000000>
    | | |     "sensor-offset-CTL0-set" = <0014000000000000>
    | | |     "disable-aets-fastdie" = <01000000>
    | | | }
    | | |
    | | | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x1000002d2, registered, matched, active, busy 0
(1004 ms), retain 8>
    | | | {
    | | |     "IOClass" = "AppleT8015TempSensor"
    | | |     "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | |     "IOProviderClass" = "AppleARMIODevice"
    | | |     "IOPlatformActiveAction" = 0x3b6
    | | |     "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
    | | |     "IOPlatformQuiesceAction" = 0xfa
    | | |     "IOProbeScore" = 0x0
    | | |     "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
    | | |     "IOResourceMatch" = "IOKit"
    | | |     "IOMatchedAtBoot" = Yes
    | | |     "IOMatchCategory" = "IODefaultMatchCategory"
    | | |     "IONameMatched" = "tempsensor,t8020"
    | | |     "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | |     "location-name" = <534f43204d54522054656d702053656e736f723200>
    | | |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | |     "DeviceOpenedByEventSystem" = Yes
    | | |     "IOFunctionParent0000010A" = <>
    | | |     "QueueSize" = 0x0
    | | | }
    | | |
    | | | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x1000002d3, registered, matched, active, busy 0
(1004 ms), retain 8>
    | | | {
    | | |     "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
    | | |     "VendorID" = 0x0
    | | |     "CountryCode" = 0x0
    | | |     "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | |     "Product" = "SOC MTR Temp Sensor2"
    | | |     "VersionNumber" = 0x0
    | | |     "IOGeneralInterest" = "IOCommand is not serializable"
    | | |     "PrimaryUsage" = 0x5
    | | |     "LocationID" = 0x54733269
    | | |     "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
    | | |     "ProductID" = 0x0
    | | |     "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    | | |     "Built-In" = Yes
    | | |     "ReportInterval" = 0x0
    | | |     "HIDServiceSupport" = Yes
    | | |     "PrimaryUsagePage" = 0xff00
    | | |     "VendorIDSource" = 0x0
    | | | }
    | | |
    | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b0e, !registered, !matched,
active, busy 0, retain 6>
    | | | {
    | | |     "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | |     "IOUserClientDefaultLocking" = Yes
    | | | }
    | | |
    | | | +-o mtrtempsensor6@3B298000 <class AppleARMIODevice, id 0x10000020a, registered, matched, active, busy 0
(1117 ms), retain 8>
    | | | {
```



```

|| | "reg" = <0080293b000000000080000000000000>
|| | "location-id" = <69316154>
|| | "sensor-offset-CTL0-clr" = <0412000000000000>
|| | "AAPL,phandle" = <0b010000>
|| | "IODeviceMemory" = ({"address"=0x23b29800,"length"=0x8000})
|| | "alarm1-temp" = <00000000>
|| | "invokes-sochot" = <01000000>
|| | "location-name" = <414e45204d54522054656d702053656e736f723100>
|| | "alarm0-temp" = <00000000>
|| | "sensor-AvgMax" = <00000000>
|| | "sensor-offset-status" = <0812000000000000>
|| | "sensor-offset-readSum" = <0c12000000000000>
|| | "reg-64-bit" = <00000000>
|| | "sensor-accuracy" = <02000000>
|| | "sensor-offset-CTL1-clr" = <6013000000000000>
|| | "sensor-offset-CTL1-set" = <5c13000000000000>
|| | "name" = <6d747274656d7073656e736f723600>
|| | "sensor-offset-readBK" = <0042000000000000>
|| | "sensor-offset-alarm0" = <1412000000000000>
|| | "sensor-offset-readCnt" = <1012000000000000>
|| | "compatible" = <74656d7073656e736f722c743830323000>
|| | "sensor-offset-alarm1" = <1812000000000000>
|| | "sensor-offset-alarm2" = <1c12000000000000>
|| | "sensor-offset-readBK1" = <0442000000000000>
|| | "sensor-offset-alarm3" = <2012000000000000>
|| | "sensor-offset-CTL2-set" = <6413000000000000>
|| | "device_type" = <74656d7073656e736f7200>
|| | "sensor-offset-CTL2-clr" = <6813000000000000>
|| | "sensor-offset-CTL0-set" = <0012000000000000>
|| | "disable-aets-fastdie" = <01000000>
|| | }
|| | }
|| | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x1000002e6, registered, matched, active, busy 0
(1005 ms), retain 8>
|| | {
|| | | "IOClass" = "AppleT8015TempSensor"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOFunctionParent000010B" = <>
|| | | "IOPlatformActiveAction" = 0x3b6
|| | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | "IOPlatformQuiesceAction" = 0xfa
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | | "IOResourceMatch" = "IOKit"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IONameMatched" = "tempsensor,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "location-name" = <414e45204d54522054656d702053656e736f723100>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "DeviceOpenedByEventSystem" = Yes
|| | | "QueueSize" = 0x0
|| | | }
|| | }
|| | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x1000002e7, registered, matched, active, busy 0
(1004 ms), retain 8>
|| | {
|| | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | "VendorID" = 0x0
|| | | "CountryCode" = 0x0
|| | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | "Product" = "ANE MTR Temp Sensor1"
|| | | "VersionNumber" = 0x0
|| | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | "PrimaryUsage" = 0x5
|| | | "LocationID" = 0x54613169
|| | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},{"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},{"HID
DPointerAcceleration"=0xb000,"UserPreferences"=Yes$
|| | | "ProductID" = 0x0
|| | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | "Built-In" = Yes
|| | | "ReportInterval" = 0x0
|| | | "HIDServiceSupport" = Yes
|| | | "PrimaryUsagePage" = 0xff00
|| | | "VendorIDSource" = 0x0
|| | | }
|| | | }
|| | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b0c, !registered, !matched,
active, busy 0, retain 6>
|| | {
|| | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | "IOUserClientDefaultLocking" = Yes
|| | | }
|| | }
|| | +-o mtrtempSensor7@3B2A0000 <class AppleARMIODevice, id 0x10000020b, registered, matched, active, busy 0
(1105 ms), retain 8>
|| | {
|| | | "reg" = <00002a3b000000000080000000000000>
|| | | "location-id" = <69357354>
|| | | "sensor-offset-CTL0-clr" = <0410000000000000>
|| | | "AAPL,phandle" = <0c010000>
|| | | "IODeviceMemory" = ({"address"=0x23b2a000,"length"=0x8000})
|| | | "alarm1-temp" = <00000000>
|| | | "invokes-sochot" = <01000000>
|| | | "location-name" = <495350204d54522054656d702053656e736f723500>
|| | | "alarm0-temp" = <00000000>
|| | | "sensor-AvgMax" = <00000000>
|| | | "sensor-offset-status" = <0810000000000000>
|| | | "sensor-offset-readSum" = <0c10000000000000>
|| | | "reg-64-bit" = <00000000>
|| | | }
|| | }

```

```
|| || "sensor-accuracy" = <02000000>
|| || "sensor-offset-CTL1-clr" = <6011000000000000>
|| || "sensor-offset-CTL1-set" = <5c11000000000000>
|| || "name" = <6d747274656d7073656e736f723700>
|| || "sensor-offset-readBK" = <0040000000000000>
|| || "sensor-offset-alarm0" = <1410000000000000>
|| || "sensor-offset-readCnt" = <1010000000000000>
|| || "compatible" = <74656d7073656e736f722c743830323000>
|| || "sensor-offset-alarm1" = <1810000000000000>
|| || "sensor-offset-alarm2" = <1c10000000000000>
|| || "sensor-offset-readBK1" = <0440000000000000>
|| || "sensor-offset-alarm3" = <2010000000000000>
|| || "sensor-offset-CTL2-set" = <6411000000000000>
|| || "device_type" = <74656d7073656e736f7200>
|| || "sensor-offset-CTL2-clr" = <6811000000000000>
|| || "sensor-offset-CTL0-set" = <0010000000000000>
|| || "disable-aets-fastdie" = <01000000>
|| || }
|| || }
|| | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x100002ce, registered, matched, active, busy 0
(1005 ms), retain 8>
|| | |{
|| | | "IOClass" = "AppleT8015TempSensor"
|| | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "IOProviderClass" = "AppleARMIODevice"
|| | | "IOPlatformActiveAction" = 0x3b6
|| | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | "IOPlatformQuiesceAction" = 0xfa
|| | | "IOProbeScore" = 0x0
|| | | "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | | "IOResourceMatch" = "IOKit"
|| | | "IOMatchedAtBoot" = Yes
|| | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | "IOFunctionParent0000010C" = <>
|| | | "IONameMatched" = "tempsensor,t8020"
|| | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "location-name" = <495350204d54522054656d702053656e736f723500>
|| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | "DeviceOpenedByEventSystem" = Yes
|| | | "QueueSize" = 0x0
|| | | }
|| | | }
|| | | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x100002cf, registered, matched, active, busy 0
(1004 ms), retain 8>
|| | | |{
|| | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "ISP MTR Temp Sensor5"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x5
|| | | | "LocationID" = 0x54733569
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=({}),"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({ "BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = {"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5}
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff00
|| | | | "VendorIDSource" = 0x0
|| | | | }
|| | | | }
|| | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x10000b0f, !registered, !matched,
active, busy 0, retain 6>
|| | | |{
|| | | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | }
|| | +-o mtrtempsensor8@10000000 <class AppleARMIODevice, id 0x1000020c, registered, matched, active, busy 0
(1169 ms), retain 8>
|| | |{
|| | | "reg" = <0000001000000000000000000100000000>
|| | | "location-id" = <69306554>
|| | | "sensor-offset-CTL0-clr" = <0410ee0000000000>
|| | | "AAPL_phandle" = <0d010000>
|| | | "IODeviceMemory" = ({("address"=0x21000000,"length"=0x1000000)})
|| | | "alarm1-temp" = <00000000>
|| | | "invokes-sochot" = <01000000>
|| | | "location-name" = <65414343204d54522054656d702053656e736f723000>
|| | | "alarm0-temp" = <00000000>
|| | | "sensor-AvgMax" = <00000000>
|| | | "sensor-offset-status" = <0810ee0000000000>
|| | | "sensor-offset-readSum" = <0c10ee0000000000>
|| | | "reg-64-bit" = <00000000>
|| | | "sensor-accuracy" = <02000000>
|| | | "sensor-offset-CTL1-clr" = <6011ee0000000000>
|| | | "sensor-offset-CTL1-set" = <5c11ee0000000000>
|| | | "name" = <6d747274656d7073656e736f723800>
|| | | "sensor-offset-readBK" = <0040ee0000000000>
|| | | "sensor-offset-alarm0" = <1410ee0000000000>
|| | | "sensor-offset-readCnt" = <1010ee0000000000>
|| | | "compatible" = <74656d7073656e736f722c743830323000>
|| | | "sensor-offset-alarm1" = <1810ee0000000000>
|| | | "sensor-offset-alarm2" = <1c10ee0000000000>
|| | | "sensor-offset-readBK1" = <0440ee0000000000>
|| | | "sensor-offset-alarm3" = <2010ee0000000000>
|| | | "sensor-offset-CTL2-set" = <6411ee0000000000>
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    || || "device_type" = <74656d7073656e736f7200>
    || || "sensor-offset-CTL2-clr" = <6811ee0000000000>
    || || "sensor-offset-CTL0-set" = <0010ee0000000000>
    || || "disable-aets-fastdie" = <01000000>
    || || }
    || || }
    || | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x10000033d, registered, matched, active, busy 0
(1005 ms), retain 8>
    || | {
    || | | "IOClass" = "AppleT8015TempSensor"
    || | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
    || | | "IOProviderClass" = "AppleARMIODevice"
    || | | "IOPlatformActiveAction" = 0x3b6
    || | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
    || | | "IOPlatformQuiesceAction" = 0xfa
    || | | "IOProbeScore" = 0x0
    || | | "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
    || | | "IOResourceMatch" = "IOKit"
    || | | "IOMatchedAtBoot" = Yes
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "IOFunctionParent000010D" = <>
    || | | "IONameMatched" = "tempsensor,t8020"
    || | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
    || | | "location-name" = <65414343204d54522054656d702053656e736f723000>
    || | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
    || | | "DeviceOpenedByEventSystem" = Yes
    || | | "QueueSize" = 0x0
    || | | }
    || | | }
    || | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x10000033e, registered, matched, active, busy 0
(1005 ms), retain 8>
    || | | {
    || | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
    || | | | "VendorID" = 0x0
    || | | | "CountryCode" = 0x0
    || | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    || | | | "Product" = "eACC MTR Temp Sensor0"
    || | | | "VersionNumber" = 0x0
    || | | | "IOGeneralInterest" = "IOCommand is not serializable"
    || | | | "PrimaryUsage" = 0x5
    || | | | "LocationID" = 0x54653069
    || | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=({}),"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({ "BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
    || | | | "ProductID" = 0x0
    || | | | "DeviceUsagePairs" = ({ "DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    || | | | "Built-In" = Yes
    || | | | "ReportInterval" = 0x0
    || | | | "HIDServiceSupport" = Yes
    || | | | "PrimaryUsagePage" = 0xff00
    || | | | "VendorIDSource" = 0x0
    || | | | }
    || | | | }
    || | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b00, !registered, !matched,
active, busy 0, retain 6>
    || | | {
    || | | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    || | | | "IOUserClientCreator" = "pid 420, WindowServer"
    || | | | "IOUserClientDefaultLocking" = Yes
    || | | | }
    || | | }
    || | +-o mtrtempsensor9@10000000 <class AppleARMIODevice, id 0x10000020d, registered, matched, active, busy 0
(1166 ms), retain 8>
    || | | {
    || | | | "reg" = <0000001000000000000000001000000000>
    || | | | "location-id" = <69336554>
    || | | | "sensor-offset-CTL0-clr" = <0416ee0000000000>
    || | | | "AAPL,phandle" = <0e010000>
    || | | | "IODeviceMemory" = ({ "address"=0x210000000,"length"=0x1000000})
    || | | | "alarm1-temp" = <00000000>
    || | | | "invokes-sochot" = <01000000>
    || | | | "location-name" = <65414343204d54522054656d702053656e736f723300>
    || | | | "alarm0-temp" = <00000000>
    || | | | "sensor-AvgMax" = <00000000>
    || | | | "sensor-offset-status" = <0816ee0000000000>
    || | | | "sensor-offset-readSum" = <0c16ee0000000000>
    || | | | "reg-64-bit" = <00000000>
    || | | | "sensor-accuracy" = <02000000>
    || | | | "sensor-offset-CTL1-clr" = <6017ee0000000000>
    || | | | "sensor-offset-CTL1-set" = <5c17ee0000000000>
    || | | | "name" = <6d747274656d7073656e736f723900>
    || | | | "sensor-offset-readBK" = <0046ee0000000000>
    || | | | "sensor-offset-alarm0" = <1416ee0000000000>
    || | | | "sensor-offset-readCnt" = <1016ee0000000000>
    || | | | "compatible" = <74656d7073656e736f722c743830323000>
    || | | | "sensor-offset-alarm1" = <1816ee0000000000>
    || | | | "sensor-offset-alarm2" = <1c16ee0000000000>
    || | | | "sensor-offset-readBK1" = <0446ee0000000000>
    || | | | "sensor-offset-alarm3" = <2016ee0000000000>
    || | | | "sensor-offset-CTL2-set" = <6417ee0000000000>
    || | | | "device_type" = <74656d7073656e736f7200>
    || | | | "sensor-offset-CTL2-clr" = <6817ee0000000000>
    || | | | "sensor-offset-CTL0-set" = <0016ee0000000000>
    || | | | "disable-aets-fastdie" = <01000000>
    || | | | }
    || | | | }
    || | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x100000335, registered, matched, active, busy 0
(1004 ms), retain 8>
    || | | {
    || | | | "IOClass" = "AppleT8015TempSensor"
    || | | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
    || | | | "IOProviderClass" = "AppleARMIODevice"
    || | | | "IOPlatformActiveAction" = 0x3b6

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|| | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | "IOPlatformQuiesceAction" = 0xfa
|| | "IOProbeScore" = 0x0
|| | "IONameMatch" = ("tempensor,t8015","tempensor,t8020","tempensor,t8027","tempensor,t8030")
|| | "IOResourceMatch" = "IOKit"
|| | "IOMatchedAtBoot" = Yes
|| | "IOMatchCategory" = "IODefaultMatchCategory"
|| | "IONameMatched" = "tempensor,t8020"
|| | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | "location-name" = <65414343204d54522054656d702053656e736f723300>
|| | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | "IOFunctionParent000010E" = <>
|| | "DeviceOpenedByEventSystem" = Yes
|| | "QueueSize" = 0x0
|| | }
|| | }
|| | }
|| | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x100000336, registered, matched, active, busy 0
(1004 ms), retain 8>
|| | {
|| | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | "VendorID" = 0x0
|| | | "CountryCode" = 0x0
|| | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | "Product" = "eACC MTR Temp Sensor3"
|| | | "VersionNumber" = 0x0
|| | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | "PrimaryUsage" = 0x5
|| | | "LocationID" = 0x54653369
|| | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
|| | | "ProductID" = 0x0
|| | | "DeviceUsagePairs" = {"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5}
|| | | "Built-In" = Yes
|| | | "ReportInterval" = 0x0
|| | | "HIDServiceSupport" = Yes
|| | | "PrimaryUsagePage" = 0xff00
|| | | "VendorIDSource" = 0x0
|| | | }
|| | | }
|| | | }
|| | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b02, !registered, !matched,
active, busy 0, retain 6>
|| | | {
|| | | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | | }
|| | | }
|| | | +-o mtrtempensor10@11000000 <class AppleARMIODevice, id 0x10000020e, registered, matched, active, busy 0
(1167 ms), retain 8>
|| | | {
|| | | | "reg" = <000000110000000000000000100000000>
|| | | | "location-id" = <69327054>
|| | | | "sensor-offset-CTL0-clr" = <0414ee0000000000>
|| | | | "AAPL,phandle" = <0f010000>
|| | | | "IODeviceMemory" = ({{"address"=0x211000000,"length"=0x1000000})
|| | | | "alarm1-temp" = <00000000>
|| | | | "invokes-sochot" = <01000000>
|| | | | "location-name" = <70414343204d54522054656d702053656e736f723300>
|| | | | "alarm0-temp" = <00000000>
|| | | | "sensor-AvgMax" = <00000000>
|| | | | "sensor-offset-status" = <0814ee0000000000>
|| | | | "sensor-offset-readSum" = <0c14ee0000000000>
|| | | | "reg-64-bit" = <00000000>
|| | | | "sensor-accuracy" = <02000000>
|| | | | "sensor-offset-CTL1-clr" = <6015ee0000000000>
|| | | | "sensor-offset-CTL1-set" = <5c15ee0000000000>
|| | | | "name" = <6d747274656d7073656e736f72313000>
|| | | | "sensor-offset-readBK" = <0044ee0000000000>
|| | | | "sensor-offset-alarm0" = <1414ee0000000000>
|| | | | "sensor-offset-readCnt" = <1014ee0000000000>
|| | | | "compatible" = <74656d7073656e736f722c743830323000>
|| | | | "sensor-offset-alarm1" = <1814ee0000000000>
|| | | | "sensor-offset-alarm2" = <1c14ee0000000000>
|| | | | "sensor-offset-readBK1" = <0444ee0000000000>
|| | | | "sensor-offset-alarm3" = <2014ee0000000000>
|| | | | "sensor-offset-CTL2-set" = <6415ee0000000000>
|| | | | "device_type" = <74656d7073656e736f7200>
|| | | | "sensor-offset-CTL2-clr" = <6815ee0000000000>
|| | | | "sensor-offset-CTL0-set" = <0014ee0000000000>
|| | | | "disable-aets-fastdie" = <01000000>
|| | | | }
|| | | | }
|| | | | }
|| | | | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x100000339, registered, matched, active, busy 0
(1005 ms), retain 8>
|| | | | {
|| | | | | "IOClass" = "AppleT8015TempSensor"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | | "IOFunctionParent000010F" = <>
|| | | | | "IOPlatformActiveAction" = 0x3b6
|| | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | | "IOPlatformQuiesceAction" = 0xfa
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IONameMatch" = ("tempensor,t8015","tempensor,t8020","tempensor,t8027","tempensor,t8030")
|| | | | | "IOResourceMatch" = "IOKit"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "IONameMatched" = "tempensor,t8020"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | | "location-name" = <70414343204d54522054656d702053656e736f723300>
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | | "DeviceOpenedByEventSystem" = Yes
|| | | | | }
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    | | | "QueueSize" = 0x0
    | | | }
    | | | }
    | | | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x10000033a, registered, matched, active, busy 0
(1005 ms), retain 8>
    | | | |{
    | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
    | | | | "VendorID" = 0x0
    | | | | "CountryCode" = 0x0
    | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | "Product" = "pACC MTR Temp Sensor2"
    | | | | "VersionNumber" = 0x0
    | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | "PrimaryUsage" = 0x5
    | | | | "LocationID" = 0x54703269
    | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},"HI
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
    | | | | "ProductID" = 0x0
    | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    | | | | "Built-In" = Yes
    | | | | "ReportInterval" = 0x0
    | | | | "HIDServiceSupport" = Yes
    | | | | "PrimaryUsagePage" = 0xff00
    | | | | "VendorIDSource" = 0x0
    | | | | }
    | | | | }
    | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b01, !registered, !matched,
active, busy 0, retain 6>
    | | | | {
    | | | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | "IOUserClientDefaultLocking" = Yes
    | | | | }
    | | | | }
    | | | +-o mtrtempsensor11@11000000 <class AppleARMIODevice, id 0x10000020f, registered, matched, active, busy 0
(1165 ms), retain 8>
    | | | |{
    | | | | "reg" = <000000110000000000000000100000000>
    | | | | "location-id" = <69337054>
    | | | | "sensor-offset-CTL0-clr" = <0416ee0000000000>
    | | | | "AAPL,phandle" = <10010000>
    | | | | "IODeviceMemory" = ({"address"=0x211000000,"length"=0x1000000})
    | | | | "alarm1-temp" = <00000000>
    | | | | "invokes-sochot" = <01000000>
    | | | | "location-name" = <70414343204d54522054656d702053656e736f723300>
    | | | | "alarm0-temp" = <00000000>
    | | | | "sensor-AvgMax" = <00000000>
    | | | | "sensor-offset-status" = <0816ee0000000000>
    | | | | "sensor-offset-readSum" = <0c16ee0000000000>
    | | | | "reg-64-bit" = <00000000>
    | | | | "sensor-accuracy" = <02000000>
    | | | | "sensor-offset-CTL1-clr" = <6017ee0000000000>
    | | | | "sensor-offset-CTL1-set" = <5c17ee0000000000>
    | | | | "name" = <6d747274656d7073656e736f72313100>
    | | | | "sensor-offset-readBK" = <0046ee0000000000>
    | | | | "sensor-offset-alarm0" = <1416ee0000000000>
    | | | | "sensor-offset-readCnt" = <1016ee0000000000>
    | | | | "compatible" = <74656d7073656e736f722c743830323000>
    | | | | "sensor-offset-alarm1" = <1816ee0000000000>
    | | | | "sensor-offset-alarm2" = <1c16ee0000000000>
    | | | | "sensor-offset-readBK1" = <0446ee0000000000>
    | | | | "sensor-offset-alarm3" = <2016ee0000000000>
    | | | | "sensor-offset-CTL2-set" = <6417ee0000000000>
    | | | | "device_type" = <74656d7073656e736f7200>
    | | | | "sensor-offset-CTL2-clr" = <6817ee0000000000>
    | | | | "sensor-offset-CTL0-set" = <0016ee0000000000>
    | | | | "disable-aets-fastdie" = <01000000>
    | | | | }
    | | | | }
    | | | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x100000331, registered, matched, active, busy 0
(1005 ms), retain 8>
    | | | |{
    | | | | "IOClass" = "AppleT8015TempSensor"
    | | | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | "IOFunctionParent00000110" = <>
    | | | | "IOPlatformActiveAction" = 0x3b6
    | | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
    | | | | "IOPlatformQuiesceAction" = 0xfa
    | | | | "IOProbeScore" = 0x0
    | | | | "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
    | | | | "IOResourceMatch" = "IOKit"
    | | | | "IOMatchedAtBoot" = Yes
    | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | "IONameMatched" = "tempsensor,t8020"
    | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | | | "location-name" = <70414343204d54522054656d702053656e736f723300>
    | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | | | "DeviceOpenedByEventSystem" = Yes
    | | | | "QueueSize" = 0x0
    | | | | }
    | | | | }
    | | | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x100000332, registered, matched, active, busy 0
(1004 ms), retain 8>
    | | | |{
    | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
    | | | | "VendorID" = 0x0
    | | | | "CountryCode" = 0x0
    | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | "Product" = "pACC MTR Temp Sensor3"
    | | | | "VersionNumber" = 0x0
  
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    | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | "PrimaryUsage" = 0x5
    | | | | "LocationID" = 0x54703369
    | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
    | | | | "ProductID" = 0x0
    | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    | | | | "Built-In" = Yes
    | | | | "ReportInterval" = 0x0
    | | | | "HIDServiceSupport" = Yes
    | | | | "PrimaryUsagePage" = 0xff00
    | | | | "VendorIDSource" = 0x0
    | | | | }
    | | | | }
    | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b03, !registered, !matched,
active, busy 0, retain 6>
    | | | | {
    | | | |     "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    | | | |     "IOUserClientCreator" = "pid 420, WindowServer"
    | | | |     "IOUserClientDefaultLocking" = Yes
    | | | | }
    | | | | }
    | | | | +-o mtrtempensor12@11000000 <class AppleARMIODevice, id 0x100000210, registered, matched, active, busy 0
(1138 ms), retain 8>
    | | | | {
    | | | |     "reg" = <000000110000000000000000100000000>
    | | | |     "location-id" = <69347054>
    | | | |     "sensor-offset-CTL0-clr" = <0418ee0000000000>
    | | | |     "AAPL,phandle" = <11010000>
    | | | |     "IODeviceMemory" = ({"address"=0x211000000,"length"=0x1000000})
    | | | |     "alarm1-temp" = <00000000>
    | | | |     "invokes-sochot" = <01000000>
    | | | |     "location-name" = <70414343204d54522054656d702053656e736f723400>
    | | | |     "alarm0-temp" = <00000000>
    | | | |     "sensor-AvgMax" = <00000000>
    | | | |     "sensor-offset-status" = <0818ee0000000000>
    | | | |     "sensor-offset-readSum" = <0c18ee0000000000>
    | | | |     "reg-64-bit" = <00000000>
    | | | |     "sensor-accuracy" = <02000000>
    | | | |     "sensor-offset-CTL1-clr" = <6019ee0000000000>
    | | | |     "sensor-offset-CTL1-set" = <5c19ee0000000000>
    | | | |     "name" = <6d747274656d7073656e736f72313200>
    | | | |     "sensor-offset-readBK" = <0048ee0000000000>
    | | | |     "sensor-offset-alarm0" = <1418ee0000000000>
    | | | |     "sensor-offset-readCnt" = <1018ee0000000000>
    | | | |     "compatible" = <74656d7073656e736f722c743830323000>
    | | | |     "sensor-offset-alarm1" = <1818ee0000000000>
    | | | |     "sensor-offset-alarm2" = <1c18ee0000000000>
    | | | |     "sensor-offset-readBK1" = <0448ee0000000000>
    | | | |     "sensor-offset-alarm3" = <2018ee0000000000>
    | | | |     "sensor-offset-CTL2-set" = <6419ee0000000000>
    | | | |     "device_type" = <74656d7073656e736f7200>
    | | | |     "sensor-offset-CTL2-clr" = <6819ee0000000000>
    | | | |     "sensor-offset-CTL0-set" = <0018ee0000000000>
    | | | |     "disable-aets-fastdie" = <01000000>
    | | | | }
    | | | | }
    | | | | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x100000311, registered, matched, active, busy 0
(1004 ms), retain 8>
    | | | | {
    | | | |     "IOClass" = "AppleT8015TempSensor"
    | | | |     "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | | |     "IOProviderClass" = "AppleARMIODevice"
    | | | |     "IOPlatformActiveAction" = 0x3b6
    | | | |     "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
    | | | |     "IOPlatformQuiesceAction" = 0xfa
    | | | |     "IOProbeScore" = 0x0
    | | | |     "IONameMatch" = ("tempensor,t8015","tempensor,t8020","tempensor,t8027","tempensor,t8030")
    | | | |     "IOResourceMatch" = "IOKit"
    | | | |     "IOMatchedAtBoot" = Yes
    | | | |     "IOMatchCategory" = "IODefaultMatchCategory"
    | | | |     "IOFunctionParent00000111" = <>
    | | | |     "IONameMatched" = "tempensor,t8020"
    | | | |     "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | | |     "location-name" = <70414343204d54522054656d702053656e736f723400>
    | | | |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | | |     "DeviceOpenedByEventSystem" = Yes
    | | | |     "QueueSize" = 0x0
    | | | | }
    | | | | }
    | | | | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x100000312, registered, matched, active, busy 0
(1004 ms), retain 8>
    | | | | {
    | | | |     "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
    | | | |     "VendorID" = 0x0
    | | | |     "CountryCode" = 0x0
    | | | |     "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | |     "Product" = "pACC MTR Temp Sensor4"
    | | | |     "VersionNumber" = 0x0
    | | | |     "IOGeneralInterest" = "IOCommand is not serializable"
    | | | |     "PrimaryUsage" = 0x5
    | | | |     "LocationID" = 0x54703469
    | | | |     "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
    | | | |     "ProductID" = 0x0
    | | | |     "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
    | | | |     "Built-In" = Yes
    | | | |     "ReportInterval" = 0x0
    | | | | }
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|| | | "HIDServiceSupport" = Yes
|| | | "PrimaryUsagePage" = 0xff00
|| | | "VendorIDSource" = 0x0
|| | | }
|| | | }
|| | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b05, !registered, !matched,
active, busy 0, retain 6>
|| | | {
|| | |     "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | |     "IOUserClientCreator" = "pid 420, WindowServer"
|| | |     "IOUserClientDefaultLocking" = Yes
|| | | }
|| | | }
|| | | +-o mtrtempensor13@11000000 <class AppleARMIODevice, id 0x100000211, registered, matched, active, busy 0
(1137 ms), retain 8>
|| | | {
|| | |     "reg" = <000000110000000000000000100000000>
|| | |     "location-id" = <69357054>
|| | |     "sensor-offset-CTL0-clr" = <0490ee0000000000>
|| | |     "AAPL,phandle" = <12010000>
|| | |     "IODeviceMemory" = ({"address"=0x211000000,"length"=0x1000000})
|| | |     "alarm1-temp" = <00000000>
|| | |     "invokes-sochot" = <01000000>
|| | |     "location-name" = <70414343204d54522054656d702053656e736f723500>
|| | |     "alarm0-temp" = <00000000>
|| | |     "sensor-AvgMax" = <00000000>
|| | |     "sensor-offset-status" = <0890ee0000000000>
|| | |     "sensor-offset-readSum" = <0c90ee0000000000>
|| | |     "reg-64-bit" = <00000000>
|| | |     "sensor-accuracy" = <02000000>
|| | |     "sensor-offset-CTL1-clr" = <6091ee0000000000>
|| | |     "sensor-offset-CTL1-set" = <5c91ee0000000000>
|| | |     "name" = <6d747274656d7073656e736f72313300>
|| | |     "sensor-offset-readBK" = <00c0ee0000000000>
|| | |     "sensor-offset-alarm0" = <1490ee0000000000>
|| | |     "sensor-offset-readCnt" = <1090ee0000000000>
|| | |     "compatible" = <74656d7073656e736f722c743830323000>
|| | |     "sensor-offset-alarm1" = <1890ee0000000000>
|| | |     "sensor-offset-alarm2" = <1c90ee0000000000>
|| | |     "sensor-offset-readBK1" = <04c0ee0000000000>
|| | |     "sensor-offset-alarm3" = <2090ee0000000000>
|| | |     "sensor-offset-CTL2-set" = <6491ee0000000000>
|| | |     "device_type" = <74656d7073656e736f7200>
|| | |     "sensor-offset-CTL2-clr" = <6891ee0000000000>
|| | |     "sensor-offset-CTL0-set" = <0090ee0000000000>
|| | |     "disable-aets-fastdie" = <01000000>
|| | | }
|| | | }
|| | | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x10000030d, registered, matched, active, busy 0
(1004 ms), retain 8>
|| | | {
|| | |     "IOClass" = "AppleT8015TempSensor"
|| | |     "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |     "IOProviderClass" = "AppleARMIODevice"
|| | |     "IOPlatformActiveAction" = 0x3b6
|| | |     "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | |     "IOPlatformQuiesceAction" = 0xfa
|| | |     "IOProbeScore" = 0x0
|| | |     "IONameMatch" = ("tempensor,t8015","tempensor,t8020","tempensor,t8027","tempensor,t8030")
|| | |     "IOResourceMatch" = "IOKit"
|| | |     "IOMatchedAtBoot" = Yes
|| | |     "IOMatchCategory" = "IODefaultMatchCategory"
|| | |     "IOFunctionParent00000112" = <>
|| | |     "IONameMatched" = "tempensor,t8020"
|| | |     "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |     "location-name" = <70414343204d54522054656d702053656e736f723500>
|| | |     "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | |     "DeviceOpenedByEventSystem" = Yes
|| | |     "QueueSize" = 0x0
|| | | }
|| | | }
|| | | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x10000030e, registered, matched, active, busy 0
(1004 ms), retain 8>
|| | | {
|| | |     "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | |     "VendorID" = 0x0
|| | |     "CountryCode" = 0x0
|| | |     "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | |     "Product" = "pACC MTR Temp Sensor5"
|| | |     "VersionNumber" = 0x0
|| | |     "IOGeneralInterest" = "IOCommand is not serializable"
|| | |     "PrimaryUsage" = 0x5
|| | |     "LocationID" = 0x54703569
|| | |     "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={{"BehaviorID"=0x1}}},"HI
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
|| | |     "ProductID" = 0x0
|| | |     "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | |     "Built-In" = Yes
|| | |     "ReportInterval" = 0x0
|| | |     "HIDServiceSupport" = Yes
|| | |     "PrimaryUsagePage" = 0xff00
|| | |     "VendorIDSource" = 0x0
|| | | }
|| | | }
|| | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b06, !registered, !matched,
active, busy 0, retain 6>
|| | | {
|| | |     "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | |     "IOUserClientCreator" = "pid 420, WindowServer"
|| | |     "IOUserClientDefaultLocking" = Yes
|| | | }

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|| |
|| | +-o mtrtempsensor14@11000000 <class AppleARMIODevice, id 0x100000212, registered, matched, active, busy 0
(1164 ms), retain 8>
|| | |{
|| | | "reg" = <000000110000000000000000100000000>
|| | | "location-id" = <69377054>
|| | | "sensor-offset-CTL0-clr" = <0412ef0000000000>
|| | | "AAPL,phandle" = <13010000>
|| | | "IODeviceMemory" = (("{address}=0x211000000,"length"]=0x1000000}))
|| | | "alarm1-temp" = <00000000>
|| | | "invokes-sochot" = <01000000>
|| | | "location-name" = <70414343204d54522054656d702053656e736f723700>
|| | | "alarm0-temp" = <00000000>
|| | | "sensor-AvgMax" = <00000000>
|| | | "sensor-offset-status" = <0812ef0000000000>
|| | | "sensor-offset-readSum" = <0c12ef0000000000>
|| | | "reg-64-bit" = <00000000>
|| | | "sensor-accuracy" = <02000000>
|| | | "sensor-offset-CTL1-clr" = <6013ef0000000000>
|| | | "sensor-offset-CTL1-set" = <5c13ef0000000000>
|| | | "name" = <6d747274656d7073656e736f72313400>
|| | | "sensor-offset-readBK" = <0042ef0000000000>
|| | | "sensor-offset-alarm0" = <1412ef0000000000>
|| | | "sensor-offset-readCnt" = <1012ef0000000000>
|| | | "compatible" = <74656d7073656e736f722c743830323000>
|| | | "sensor-offset-alarm1" = <1812ef0000000000>
|| | | "sensor-offset-alarm2" = <1c12ef0000000000>
|| | | "sensor-offset-readBK1" = <0442ef0000000000>
|| | | "sensor-offset-alarm3" = <2012ef0000000000>
|| | | "sensor-offset-CTL2-set" = <6413ef0000000000>
|| | | "device_type" = <74656d7073656e736f7200>
|| | | "sensor-offset-CTL2-clr" = <6813ef0000000000>
|| | | "sensor-offset-CTL0-set" = <0012ef0000000000>
|| | | "disable-aets-fastdie" = <01000000>
|| | | }
|| | | }
|| | | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x10000032d, registered, matched, active, busy 0
(1005 ms), retain 8>
|| | | |{
|| | | | "IOClass" = "AppleT8015TempSensor"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | "IOPlatformActiveAction" = 0x3b6
|| | | | "IOPowerManagement" = {"CapabilityFlags"]=0x8000,"MaxPowerState"]=0x1,"CurrentPowerState"]=0x1}
|| | | | "IOPlatformQuiesceAction" = 0xfa
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" = ("tempensor,t8015","tempensor,t8020","tempensor,t8027","tempensor,t8030")
|| | | | "IOResourceMatch" = "IOKit"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IONameMatched" = "tempensor,t8020"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | "IOFunctionParent00000113" = <>
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | "location-name" = <70414343204d54522054656d702053656e736f723700>
|| | | | "DeviceOpenedByEventSystem" = Yes
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | | }
|| | | | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x10000032e, registered, matched, active, busy 0
(1004 ms), retain 8>
|| | | | |{
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"}="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"}="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "pACC MTR Temp Sensor7"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x5
|| | | | | "LocationID" = 0x54703769
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"]=0x0,"JitterNoClick"]=0x1,"ActuateDetents"]=0x1,"Dragging"]=0x0,"HIDSlowKeysDelay"]=0x0,
"JitterNoMove"]=0x1,"FlipLeftAndRightEdgeGestures"]=No,"HIDTrackpadScrollAcceleration"]=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"]=0x2,"TrackpadThreeFingerDrag"]=No,"MTGestureConfiguration"=
{"Version"]=0x1,"Behaviors"=(),,"MTGestureConfigurationOverride"={"Version"]=0x1,"Behaviors"=({"BehaviorID"]=0x1)},,"HI
DPointerAcceleration"]=0xb000,"UserPreferences"]=Yes$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = (("{DeviceUsagePage"]=0xff00,"DeviceUsage"]=0x5))
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "VendorIDSource" = 0x0
|| | | | | }
|| | | | | }
|| | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b04, !registered, !matched,
active, busy 0, retain 6>
|| | | | | {
|| | | | | "DebugState" =
{"EventQueue"={"NoFullMsg"]=0x0,"tail"]=0x0,"NotificationForce"]=0x0,"NotificationCount"]=0x0,"head"]=0x0}}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | | }
|| | | | | +-o mtrtempsensor15@11000000 <class AppleARMIODevice, id 0x100000213, registered, matched, active, busy 0
(1135 ms), retain 8>
|| | | | | |{
|| | | | | | "reg" = <000000110000000000000000100000000>
|| | | | | | "location-id" = <69387054>
|| | | | | | "sensor-offset-CTL0-clr" = <0414ef0000000000>
|| | | | | | "AAPL,phandle" = <14010000>
|| | | | | | "IODeviceMemory" = (("{address}=0x211000000,"length"]=0x1000000}))
|| | | | | | "alarm1-temp" = <00000000>
|| | | | | | "invokes-sochot" = <01000000>
|| | | | | | "location-name" = <70414343204d54522054656d702053656e736f723800>
|| | | | | | "alarm0-temp" = <00000000>
|| | | | | | }
|| | | | | | }

```



```
|| || "sensor-AvgMax" = <00000000>
|| || "sensor-offset-status" = <0814ef0000000000>
|| || "sensor-offset-readSum" = <0c14ef000000000000>
|| || "reg-64-bit" = <00000000>
|| || "sensor-accuracy" = <02000000>
|| || "sensor-offset-CTL1-clr" = <6015ef0000000000>
|| || "sensor-offset-CTL1-set" = <5c15ef0000000000>
|| || "name" = <6d747274656d7073656e736f72313500>
|| || "sensor-offset-readBK" = <0044ef0000000000>
|| || "sensor-offset-alarm0" = <1414ef0000000000>
|| || "sensor-offset-readCnt" = <1014ef0000000000>
|| || "compatible" = <74656d7073656e736f722c743830323000>
|| || "sensor-offset-alarm1" = <1814ef0000000000>
|| || "sensor-offset-alarm2" = <1c14ef0000000000>
|| || "sensor-offset-readBK1" = <0444ef0000000000>
|| || "sensor-offset-alarm3" = <2014ef0000000000>
|| || "sensor-offset-CTL2-set" = <6415ef0000000000>
|| || "device_type" = <74656d7073656e736f7200>
|| || "sensor-offset-CTL2-clr" = <6815ef0000000000>
|| || "sensor-offset-CTL0-set" = <0014ef0000000000>
|| || "disable-aets-fastdie" = <01000000>
|| || }
|| || }
|| | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x100000309, registered, matched, active, busy 0
(1004 ms), retain 8>
|| | | {
|| | | | "IOClass" = "AppleT8015TempSensor"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | "IOFunctionParent00000114" = <>
|| | | | "IOPlatformActiveAction" = 0x3b6
|| | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | "IOPlatformQuiesceAction" = 0xfa
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" = ("tempsensor,t8015","tempsensor,t8020","tempsensor,t8027","tempsensor,t8030")
|| | | | "IOResourceMatch" = "IOKit"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IONameMatched" = "tempsensor,t8020"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | "location-name" = <70414343204d54522054656d702053656e736f723800>
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | "DeviceOpenedByEventSystem" = Yes
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | }
|| | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x10000030a, registered, matched, active, busy 0
(1004 ms), retain 8>
|| | | {
|| | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | | "VendorID" = 0x0
|| | | | "CountryCode" = 0x0
|| | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | "Product" = "pACC MTR Temp Sensor8"
|| | | | "VersionNumber" = 0x0
|| | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | "PrimaryUsage" = 0x5
|| | | | "LocationID" = 0x54703869
|| | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
|| | | | "ProductID" = 0x0
|| | | | "DeviceUsagePairs" = {"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5}
|| | | | "Built-In" = Yes
|| | | | "ReportInterval" = 0x0
|| | | | "HIDServiceSupport" = Yes
|| | | | "PrimaryUsagePage" = 0xff00
|| | | | "VendorIDSource" = 0x0
|| | | | }
|| | | }
|| | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b07, !registered, !matched,
active, busy 0, retain 6>
|| | | {
|| | | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | "IOUserClientDefaultLocking" = Yes
|| | | | }
|| | | }
|| | +-o mtrtempsensor16@11000000 <class AppleARMIODevice, id 0x100000214, registered, matched, active, busy 0
(1090 ms), retain 8>
|| | | {
|| | | | "reg" = <0000001100000000000000001000000000>
|| | | | "location-id" = <69397054>
|| | | | "sensor-offset-CTL0-clr" = <0416ef0000000000>
|| | | | "AAPL,phandle" = <15010000>
|| | | | "IODeviceMemory" = ({("address"=0x21100000,"length"=0x1000000)})
|| | | | "alarm1-temp" = <00000000>
|| | | | "invokes-sochot" = <01000000>
|| | | | "location-name" = <70414343204d54522054656d702053656e736f723900>
|| | | | "alarm0-temp" = <00000000>
|| | | | "sensor-AvgMax" = <00000000>
|| | | | "sensor-offset-status" = <0816ef0000000000>
|| | | | "sensor-offset-readSum" = <0c16ef000000000000>
|| | | | "reg-64-bit" = <00000000>
|| | | | "sensor-accuracy" = <02000000>
|| | | | "sensor-offset-CTL1-clr" = <6017ef0000000000>
|| | | | "sensor-offset-CTL1-set" = <5c17ef0000000000>
|| | | | "name" = <6d747274656d7073656e736f72313600>
|| | | | "sensor-offset-readBK" = <0044ef0000000000>
|| | | | "sensor-offset-alarm0" = <1416ef0000000000>
|| | | | "sensor-offset-readCnt" = <1016ef0000000000>
|| | | | "compatible" = <74656d7073656e736f722c743830323000>
|| | | | "sensor-offset-alarm1" = <1816ef0000000000>
```

```
|| || "sensor-offset-alarm2" = <1c16ef0000000000>
|| || "sensor-offset-readBK1" = <0446ef0000000000>
|| || "sensor-offset-alarm3" = <2016ef0000000000>
|| || "sensor-offset-CTL2-set" = <6417ef0000000000>
|| || "device_type" = <74656d7073656e736f7200>
|| || "sensor-offset-CTL2-clr" = <6817ef0000000000>
|| || "sensor-offset-CTL0-set" = <0016ef0000000000>
|| || "disable-aets-fastdie" = <01000000>
|| || }
|| || }
|| | +-o AppleT8015TempSensor <class AppleT8015TempSensor, id 0x1000002c0, registered, matched, active, busy 0
(1005 ms), retain 8>
|| | | {
|| | | | "IOClass" = "AppleT8015TempSensor"
|| | | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | "IOPlatformActiveAction" = 0x3b6
|| | | | "IOFunctionParent00000115" = <>
|| | | | "IOPlatformQuiesceAction" = 0xfa
|| | | | "IOProbeScore" = 0x0
|| | | | "IONameMatch" = ("tempensor,t8015","tempensor,t8020","tempensor,t8027","tempensor,t8030")
|| | | | "IOResourceMatch" = "IOKit"
|| | | | "IOMatchedAtBoot" = Yes
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| | | | "IONameMatched" = "tempensor,t8020"
|| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | "location-name" = <70414343204d54522054656d702053656e736f723900>
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | "DeviceOpenedByEventSystem" = Yes
|| | | | "QueueSize" = 0x0
|| | | | }
|| | | }
|| | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x1000002c1, registered, matched, active, busy 0
(1004 ms), retain 8>
|| | | | {
|| | | | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | | | "VendorID" = 0x0
|| | | | | "CountryCode" = 0x0
|| | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
|| | | | | "Product" = "pACC MTR Temp Sensor9"
|| | | | | "VersionNumber" = 0x0
|| | | | | "IOGeneralInterest" = "IOCommand is not serializable"
|| | | | | "PrimaryUsage" = 0x5
|| | | | | "LocationID" = 0x54703969
|| | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dc6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=()},{"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({"BehaviorID"=0x1})},{"HI
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
|| | | | | "ProductID" = 0x0
|| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5})
|| | | | | "Built-In" = Yes
|| | | | | "ReportInterval" = 0x0
|| | | | | "HIDServiceSupport" = Yes
|| | | | | "PrimaryUsagePage" = 0xff00
|| | | | | "VendorIDSource" = 0x0
|| | | | | }
|| | | | }
|| | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b11, !registered, !matched,
active, busy 0, retain 6>
|| | | | {
|| | | | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
|| | | | | "IOUserClientCreator" = "pid 420, WindowServer"
|| | | | | "IOUserClientDefaultLocking" = Yes
|| | | | | }
|| | | | }
|| | +-o mtrtempensor17@3B2E0000 <class AppleARMIODevice, id 0x100000215, registered, matched, active, busy 0
(1089 ms), retain 8>
|| | | | {
|| | | | | "sensor-accuracy" = <02000000>
|| | | | | "compatible" = <6d747274656d7073656e736f722c743830323000>
|| | | | | "reg-64-bit" = <00000000>
|| | | | | "AAPL,phandle" = <16010000>
|| | | | | "sensor-offset-readBK1" = <0402000000000000>
|| | | | | "reg" = <00002e3b000000000000000000000000>
|| | | | | "sensor-offset-readBK" = <0002000000000000>
|| | | | | "IODeviceMemory" = ({"address"=0x23b2e0000,"length"=0x8000})
|| | | | | "device_type" = <74656d7073656e736f7200>
|| | | | | "location-name" = <475055204d54522054656d702053656e736f723100>
|| | | | | "sensor-AvgMax" = <00000000>
|| | | | | "location-id" = <69316754>
|| | | | | "name" = <6d747274656d7073656e736f72313700>
|| | | | | }
|| | | | }
|| | +-o AppleT8020MTRTempSensor <class AppleT8020MTRTempSensor, id 0x1000002bd, registered, matched,
active, busy 0 (1005 ms), retain 7>
|| | | | {
|| | | | | "IOClass" = "AppleT8020MTRTempSensor"
|| | | | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | | "IOProviderClass" = "AppleARMIODevice"
|| | | | | "IOPlatformActiveAction" = 0x3b6
|| | | | | "IOPlatformQuiesceAction" = 0xfa
|| | | | | "IOProbeScore" = 0x0
|| | | | | "IONameMatch" = ("mtrtempensor,t8020")
|| | | | | "IOResourceMatch" = "IOKit"
|| | | | | "IOMatchedAtBoot" = Yes
|| | | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | | "IONameMatched" = "mtrtempensor,t8020"
|| | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | | "location-name" = <475055204d54522054656d702053656e736f723100>
|| | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
|| | | | | "DeviceOpenedByEventSystem" = Yes
|| | | | | "QueueSize" = 0x0
|| | | | | }
|| | | | }
```

```
    | | |
    | | | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x1000002be, registered, matched, active, busy 0
(1004 ms), retain 8>
    | | | {
    | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
    | | | | "VendorID" = 0x0
    | | | | "CountryCode" = 0x0
    | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | "Product" = "GPU MTR Temp Sensor1"
    | | | | "VersionNumber" = 0x0
    | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | "PrimaryUsage" = 0x5
    | | | | "LocationID" = 0x54673169
    | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
    | | | | "ProductID" = 0x0
    | | | | "DeviceUsagePairs" = {"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5}
    | | | | "Built-In" = Yes
    | | | | "ReportInterval" = 0x0
    | | | | "HIDServiceSupport" = Yes
    | | | | "PrimaryUsagePage" = 0xff00
    | | | | "VendorIDSource" = 0x0
    | | | | }
    | | | | }
    | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b12, !registered, !matched,
active, busy 0, retain 6>
    | | | {
    | | | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | "IOUserClientDefaultLocking" = Yes
    | | | | }
    | | | | }
    | | | +-o mtrtempsensor18@3B2E0000 <class AppleARMIODevice, id 0x100000216, registered, matched, active, busy 0
(1104 ms), retain 8>
    | | | {
    | | | | "sensor-accuracy" = <02000000>
    | | | | "compatible" = <6d747274656d7073656e736f722c743830323000>
    | | | | "reg-64-bit" = <00000000>
    | | | | "AAPL,phandle" = <17010000>
    | | | | "sensor-offset-readBK1" = <040c000000000000>
    | | | | "reg" = <00002e3b000000000080000000000000>
    | | | | "sensor-offset-readBK" = <000c000000000000>
    | | | | "IODeviceMemory" = ({("address"=0x23b2e0000,"length"=0x8000)})
    | | | | "device_type" = <74656d7073656e736f7200>
    | | | | "location-name" = <475055204d54522054656d702053656e736f723400>
    | | | | "sensor-AvgMax" = <00000000>
    | | | | "location-id" = <693346754>
    | | | | "name" = <6d747274656d7073656e736f72313800>
    | | | | }
    | | | | }
    | | | +-o AppleT8020MTRTempSensor <class AppleT8020MTRTempSensor, id 0x1000002cb, registered, matched,
active, busy 0 (1004 ms), retain 7>
    | | | {
    | | | | "IOClass" = "AppleT8020MTRTempSensor"
    | | | | "CFBundleIdentifier" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | | | "IOProviderClass" = "AppleARMIODevice"
    | | | | "IOPlatformActiveAction" = 0x3b6
    | | | | "IOPlatformQuiesceAction" = 0xfa
    | | | | "IOProbeScore" = 0x0
    | | | | "IONameMatch" = ("mtrtempsensor,t8020")
    | | | | "IOResourceMatch" = "IOKit"
    | | | | "IOMatchedAtBoot" = Yes
    | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | "IONameMatched" = "mtrtempsensor,t8020"
    | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | | | "location-name" = <475055204d54522054656d702053656e736f723400>
    | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleEmbeddedTempSensor"
    | | | | "DeviceOpenedByEventSystem" = Yes
    | | | | "QueueSize" = 0x0
    | | | | }
    | | | | }
    | | | +-o AppleMobsiTmpSADC <class AppleMobsiTmpSADC, id 0x1000002cc, registered, matched, active, busy 0
(1004 ms), retain 8>
    | | | {
    | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/Plugins/
IOHIDLib.plugin",FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/Plugins/IOHIDLib.plugin"}
    | | | | "VendorID" = 0x0
    | | | | "CountryCode" = 0x0
    | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | | "Product" = "GPU MTR Temp Sensor4"
    | | | | "VersionNumber" = 0x0
    | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | "PrimaryUsage" = 0x5
    | | | | "LocationID" = 0x54673469
    | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={"BehaviorID"=0x1}},"HI
DPointerAcceleration"=0xb000,"UserPreferences"=Ye$
    | | | | "ProductID" = 0x0
    | | | | "DeviceUsagePairs" = {"DeviceUsagePage"=0xff00,"DeviceUsage"=0x5}
    | | | | "Built-In" = Yes
    | | | | "ReportInterval" = 0x0
    | | | | "HIDServiceSupport" = Yes
    | | | | "PrimaryUsagePage" = 0xff00
    | | | | "VendorIDSource" = 0x0
    | | | | }
    | | | | }
    | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b10, !registered, !matched,
active, busy 0, retain 6>
    | | | {
    | | | | }
```



```
|| "device_type" = <706f72742d7573622d6300>
|| "transports-supported" = <010000002000000030000000400000005000000>
|| "AAPL,phandle" = <1e010000>
|| }
||
|| +-o backlight <class IOPlatformDevice, id 0x10000021e, registered, matched, active, busy 0 (388 ms), retain 7>
|| {
||   "mA2Nits2ndOrderCoef" = <f1fffff>
||   "milliAmps2DACTablePart2" =
<8f059d05ab05b805c505d105dd05e805f305fe05080612061c0625062e0637064006480650065806600668066f0677
067e0685068c0693069906a006a606ac06b206b806be06c406ca06cf06d506da06df06e506ea06ef06f406f906fe0602
0707070c071007150719071e07220726072a072f07330737073b073f07430747074a074e075207560759075d07600764076
8076b076e077207750778077c077f078207850789078c078f079207950798079b079e07a07a07a07a07a07a07a07ac07af07b207
b507b807ba07bd07c007c207c507c807ca07cd07cf07d207d407d707d907dc07de07e107e307e507e807ea07ec07ef07f107f
307f607f807fa07fc07f$
||   "min-restriction-disableth" = <2c010000>
||   "nits2mAmps1stOrderCoef" = <94470d00>
||   "pre-strobe-dim-period" = <64000000>
||   "truetone-shift-a" = <0080fbff>
||   "LmaxProduct" = <00000d02>
||   "LmidProduct" = <00008c00>
||   "truetone-shift-b" = <9a190200>
||   "blr-cct-warning" = <ac0d0000>
||   "calibratedMidCurrent" = <30330300>
||   "max-restriction-disableth2" = <b0040000>
||   "nits2mAmps2ndOrderCoef" = <cca00000>
||   "min-restriction-enableth" = <58020000>
||   "calibratedMaxCurrent" = <bfcc0d00>
||   "use-trinity" = <01000000>
||   "LminProduct" = <00000400>
||   "nits2mAmps0thOrderCoef" = <dd040000>
||   "max-restriction-disableth" = <20030000>
||   "mA2Nits0thOrderCoef" = <a5fffff>
||   "AAPL,phandle" = <1f010000>
||   "milliAmps2DACPart1MaxCurrent" = <00a00200>
||   "backlight-marketing-table" =
<00000000000004000080050000800700cc4c0a0033330e0033b31300cc4c1b0033b3250033333400008048009999
640000008c000080c2009a990e01cccc780100000d02>
||   "milliAmps2DACPart2MaxCurrent" = <00801100>
||   "milliAmps2DACTablePart1" =
<0000000000000038008100bd00f0001c01430165018501a101bc01d401eb010002140227023802490259026902770
285029302a002ac02b802c402cf02d902e402ee02f80201030b0314031c0325032d0335033d0345034d0354035b0362
036903700377037d0384038a03900396039c03a203a703ad03b303b803bd03c303c803cd03d203d703dc03e103e503
ea03ef03f303f803fc030004050409040d041104150419041d042104250429042d043104340438043c043f0443044604
4a044d045104540457045b045e046104640468046b046e047104740477047a047d0480048304860489048b048e0491
049404970499049c049f04a104a404a704a$
||   "name" = <6261636b6c6967687400>
||   "backlight-update-policy" = <01000000>
||   "iDAC2MilliAmpsTable" =
<85000000880000008b0000008f0000009200000096000000990000009d000000a1000000a5000000a9000000ad00
0000b2000000b6000000bb000000bf000000c4000000c9000000ce000000d3000000d8000000dd000000e3000000e
8000000ee000000f4000000fa0000000010000060100000d010000130100001a0100002101000028010000300100003
70100003f010000470100004f010000570100005f010000680100007010000710100007a010000830100008d01000097010000a10
10000ab010000b5010000c0010000cb010000d7010000e2010000ee010000fa0100000702000014020000210200002e02
00003c0200004a0200005802000067020000$
||   "max-restriction-factor" = <41030000>
||   "device_type" = <6261636b6c6967687400>
||   "use-AAB-architecture" = <01000000>
||   "min-restriction-factor" = <d0070000>
||   "max-restriction-enableth" = <2c010000>
||   "max-restriction-factor-aaboff" = <41030000>
||   "use-cabal" = <01000000>
||   "sync-backlight-off" = <01000000>
||   "sync-wake-ramp" = <01000000>
||   "min-restriction-factor-aaboff" = <d0070000>
||   "default-whitepoint-type" = <01000000>
||   "dcp-brightness-node" = <01000000>
||   "energy-saving" = <01000000>
||   "mA2Nits1stOrderCoef" = <40130000>
|| }
||
|| +-o AppleARMBacklight <class AppleARMBacklight, id 0x100000262, registered, matched, active, busy 0 (15 ms),
retain 6>
|| {
||   "IOClass" = "AppleARMBacklight"
||   "backlight-control" = Yes
||   "display-backlight-compensation" =
<00000001ffff44010000e678000100000001000045f483a00000e8a900010000001000053695ec30000ea7f00010000
0001000078f8f1980000ec6f00010000000100001531ed2d0000efe90001000000010000371e12cd0000f7000001000000
010000ffdf7605b000100000001000000010000>
||   "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
||   "IOMatchedAtBoot" = Yes
||   "IOReportLegendPublic" = Yes
||   "IOProviderClass" = "IOPlatformDevice"
||   "backlight-marketing-table" =
<00000000000004000080050000800700cc4c0a0033330e0033b31300cc4c1b0033b3250033333400008048009999
640000008c000080c2009a990e01cccc780100000d02>
||   "IOProbeScore" = 0x0
||   "IONameMatch" = "backlight"
||   "CurrentNits" = 0x0
||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
||   "IOMatchCategory" = "IODefaultMatchCategory"
||   "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
||   "IONameMatched" = "backlight"
||   "new-backlight-architecture" = Yes
||   "IODisplayParameters" =
{"BrightnessMilliNits"={"min"=0xf9d,"value"=0x8501,"uncalMilliNits"=0x9343,"max"=0x802c7},"brightness"={"min"=0x0,"
max"=0x10000,"value"=0x8000},"rawBrightness"={"min"=0x0,"max"=0x7ff,"value"=0x426},"BrightnessMicroAmps"={"min
"=0x77,"max"=0x35e7,"value"=0x36c}}
||   "IOFunctionParent0000011F" = <>
||   "IOReportLegend" = ({"IOReportGroupName"="backlight
report1","IOReportChannels"=({0x6d69652066616374,0x100020001,"MIE factor"},
(0x6470622066616374,0x100020001,"DPB
factor"}),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="playback backlight factors
report"},"IOReportGroupName"="backlight
report"},"IOReportChannels"=({0x6d6963726f616d70,0x100040001,"MicroAmps value"},
(0x6d696c6c696e6974,0x100040001,"MilliNits value"},(0x756d696c6c69206e,0x100040001,"UncalMilliNits value"},
(0x6272696768742076,0x100040001,"U$
```

```
    || "backlight-calibration-parameters" = {"IMinPanel"=0x3ff56,"current-for-mid-backlight"=0x33330,"IMidProduct"=0x8c0000,"hardware-max-current-limit"=0x118000,"IMaxPanel"=0x20cfff,"current-for-max-backlight"=0xdccbf,"IMaxProduct"=0x20d0000,"milliAmps2NitsScaleFactor"=0x210dd8e,"IMidPanel"=0x7d46bb,"IMinProduct"=0x40000}
    || }
    || }
    | +-o backlight-dfr <class IOPlatformDevice, id 0x1000021f, registered, matched, active, busy 0 (388 ms), retain 7>
    || {
    || {
    || "dfr-brightness-control" = <01000000>
    || "function-backlight_enable" = <44000000456c6b62>
    || "LminProduct" = <66e60b00>
    || "function-backlight_update" = <44000000556b6c62>
    || "LmidProduct" = <0080b800>
    || "function-backlight_update-sum" = <44000000556b6c62>
    || "DBVMin" = <0f000000>
    || "use-AAB-architecture" = <01000000>
    || "function-backlight_enable-sum" = <44000000456c6b62>
    || "AAPL,phandle" = <20010000>
    || "DBV2NitsTable" =
<0c000c00c00d00d00d00d00e00e00e00e00e00f00f00f00f00100010001000100011001100110012001200120013001
30013001400140014001500150016001600160017001700170018001800190019001a001a001a001b001b001c001c001d00
1d001e001e001e001f001f00200020002100210022002300230024002400250025002600260027002800280029002900
2a002b002b002c002d002d002e002f002f0030003100310032003300330034003500360037003700380039003a003a00
03b003c003d003e003f00400040004100420043004400450046004700480049004a004b004c004d004e004f005000
510052005300550056005700580059005a005c$
    || "device_type" = <6261636b6c6967687400>
    || "backlight-marketing-table" =
<66e60b00856b2e00a3f05000c2757300e1fa95000080b8001e05db003d8afd005c0f20017a94420199196501>
    || "LmaxProduct" = <99196501>
    || "use-Nits2DACTable" = <01000000>
    || "name" = <6261636b6c696768742d64667200>
    || }
    || }
    | +-o AppleARMBacklight <class AppleARMBacklight, id 0x10000263, registered, matched, active, busy 0 (14 ms),
retain 10>
    || {
    || "IOClass" = "AppleARMBacklight"
    || "backlight-control" = Yes
    || "display-backlight-compensation" =
<000000010000000000000e67800010000000100000000000000e8a900010000000100000000000000ea7f00010
00000010000000000000000ec6f0001000000010000000000000000efe90001000000010000000000000000f7000001
00000001000000000000000100000001000000010000>
    || "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
    || "IOMatchedAtBoot" = Yes
    || "IOReportLegendPublic" = Yes
    || "IOPowerManagement" =
{"CurrentPowerState"=0x1,"CapabilityFlags"=0x8040,"MaxPowerState"=0x1,"DriverPowerState"=0x1}
    || "IOProviderClass" = "IOPlatformDevice"
    || "backlight-marketing-table" =
<66e60b00856b2e00a3f05000c2757300e1fa95000080b8001e05db003d8afd005c0f20017a94420199196501>
    || "IOFunctionParent00000120" = <>
    || "IOProbeScore" = 0x0
    || "IONameMatch" = "backlight"
    || "CurrentNits" = 0x68
    || "displayOnTimestamp" = 0xe81eb0bf9
    || "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
    || "displayOnContinuousTimestamp" = 0xe81eb0bf9
    || "IOMatchCategory" = "IODefaultMatchCategory"
    || "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
    || "IONameMatched" = "backlight"
    || "new-backlight-architecture" = Yes
    || "IODisplayParameters" =
{"BrightnessMilliNits"={"min"=0x2e7b,"value"=0x0,"uncalMilliNits"=0x0,"max"=0x572eb},"brightness"={"min"=0x0,"max"=
0x10000,"value"=0x8000},"rawBrightness"={"min"=0x0,"max"=0x7ff,"value"=0xf},"BrightnessMicroAmps"={"min"=0x0,"m
ax"=0x0,"value"=0x0}}
    || "IOGeneralInterest" = "IOCommand is not serializable"
    || "IOReportLegend" = ({"IOReportGroupName"="backlight
report","IOReportChannels"=(0x6d69652066616374,0x100020001,"MIE factor"),
(0x6470622066616374,0x100020001,"DPB
factor")),"IOReportChannelInfo"={"IOReportChannelUnit"=0x0},"IOReportSubGroupName"="playback backlight factors
report"},"IOReportGroupName"="backlight
report","IOReportChannels"=(0x6d6963726f616d70,0x100040001,"MicroAmps value"),
(0x6d696c6c696e6974,0x100040001,"MilliNits value"),(0x756d696c6c69206e,0x100040001,"UncalMilliNits value"),
(0x6272696768742076,0x100040001,"U$
    || "backlight-calibration-parameters" = {"IMinPanel"=0xbe666,"current-for-mid-backlight"=0x0,"IMidProduct"=0xb88000,"hardware-max-current-limit"=0x190000,"IMaxPanel"=0x1651999,"current-for-max-backlight"=0x0,"IMaxProduct"=0x1651999,"milliAmps2NitsScaleFactor"=0x0,"IMidPanel"=0xb88000,"IMinProduct"=0xbe666}
    || }
    || }
    | +-o sacm <class IOPlatformDevice, id 0x10000220, registered, matched, active, busy 0 (22 ms), retain 7>
    || {
    || {
    || "compatible" = <7361636d2c3100>
    || "name" = <7361636d00>
    || "AAPL,phandle" = <21010000>
    || }
    || }
    | +-o AppleARMSlowAdaptiveClockingManager <class AppleARMSlowAdaptiveClockingManager, id 0x10000261,
registered, matched, active, busy 0 (0 ms), retain 8>
    || {
    || {
    || "IOProbeScore" = 0x0
    || "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
    || "IOProviderClass" = "IOPlatformDevice"
    || "IOClass" = "AppleARMSlowAdaptiveClockingManager"
    || "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
    || "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
    || "IOMatchedAtBoot" = Yes
    || "IONameMatch" = "sacm"
    || "IOMatchCategory" = "IODefaultMatchCategory"
    || "IONameMatched" = "sacm"
    || "IOFunctionParent00000121" = <>
    || }
    || }
    | +-o defaults <class IOPlatformDevice, id 0x10000221, registered, matched, active, busy 0 (585 ms), retain 8>
    || {
    || {
    || "kern.io_throttle_period_tier3" = <14000000>
```



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    || "udid-version" = <02000000>
    || "ephemeral-data-mode" = <00000000>
    || "lockdown-certtype" = <01000000>
    || "primary-calibration-matrix" =
<01000000b922ff0080790300c663fdff183100008adff9005def05004d98ffff3f9c000074cbff00>
    || "public-key-accelerator" = <01000000>
    || "artwork-scale-factor" = <02000000>
    || "artwork-device-idiom" = <6d616300>
    || "artwork-display-gamut" = <503300>
    || }
    || }
    |+-o iboot-syscfg <class IOPlatformDevice, id 0x100000225, registered, matched, active, busy 0 (20 ms), retain 7>
    || {
    ||   "name" = <69626f6f742d73797363666700>
    ||   "AAPL,phandle" = <26010000>
    || }
    || }
    |+-o APICIECMSIController-apciec0 <class APICIECMSIController, id 0x100000354, registered, matched, active, busy 0
(29 ms), retain 7>
    || {
    ||   "MSIFree" = 0x20
    ||   "Vector Count" = 0x20
    ||   "InterruptControllerName" = "APICIECMSIController-apciec0"
    || }
    || }
    |+-o ApplePCIIECLegacyIntController-apciec0 <class ApplePCIIECLegacyIntController, id 0x100000355, registered,
matched, active, busy 0 (40 ms), retain 7>
    || {
    ||   "InterruptControllerName" = "ApplePCIIECLegacyIntController-apciec0"
    || }
    || }
    |+-o ApplePCIEMSIController-apcie <class ApplePCIEMSIController, id 0x100000356, registered, matched, active, busy
0 (15 ms), retain 7>
    || {
    ||   "MSIFree" = 0x20
    ||   "Vector Count" = 0x20
    ||   "InterruptControllerName" = "ApplePCIEMSIController-apcie"
    || }
    || }
    |+-o APICIECMSIController-apciec1 <class APICIECMSIController, id 0x100000357, registered, matched, active, busy 0
(23 ms), retain 7>
    || {
    ||   "MSIFree" = 0x20
    ||   "Vector Count" = 0x20
    ||   "InterruptControllerName" = "APICIECMSIController-apciec1"
    || }
    || }
    |+-o ApplePCIIECLegacyIntController-apciec1 <class ApplePCIIECLegacyIntController, id 0x100000358, registered,
matched, active, busy 0 (25 ms), retain 7>
    || {
    ||   "InterruptControllerName" = "ApplePCIIECLegacyIntController-apciec1"
    || }
    || }
    |+-o IOResources <class IOResources, id 0x10000022d, registered, matched, active, busy 0 (3160 ms), retain 58>
    || {
    ||   "KeyboardBacklight" = Yes
    ||   "IOPMU" = "AppleDialogSPMIPMU is not serializable"
    ||   "AppleUSBRestrictedModeWithReason" = 0x0
    ||   "AppleUSBRestrictedMode" = No
    ||   "OSKextReceiptQueried" = Yes
    ||   "IOBSD" = "IOService"
    ||   "IOResourceMatched" =
("IOKit","IOPlatformUUID","AppleUSBRestrictedModeWithReason","AppleUSBRestrictedMode","AppleUSBRestrictedModeTime
out","AKSFileSystemKeyServices","AKSKernelServices","AKSFileVaultServices","CCPipe","IOResourceMatched","IOTimeS
yncTime","AppleARMCPU-BootCPU-Initialized","AppleARMCPU-AllCPU-
Initialized","IOAllCPUInitialized","IOPMU","IORTC","com.apple.AppleFSCompression.Type1","IOBSD","com.apple.AppleFSCo
mpression.Type5","com.apple.AppleFSCompression.Type3","com.apple.AppleFSCompression.Type4","com.apple.AppleFSC
omp$
    ||   "AppleSMCEmbeddedResource" = "AppleSMC is not serializable"
    ||   "AppleUSBRestrictedModeTimeout" = 0x3f480
    ||   "IONVRAM" = "IOService"
    ||   "com.apple.AppleFSCompression.Type10" = Yes
    ||   "IOAVBnub" = "IOService"
    ||   "com.apple.AppleFSCompression.Type1" = Yes
    ||   "IOTimeSyncTime" = "IOService"
    ||   "com.apple.AppleFSCompression.Type11" = Yes
    ||   "IORTC" = "AppleDialogSPMIPMURTC is not serializable"
    ||   "com.apple.AppleFSCompression.Type3" = Yes
    ||   "AKSFileSystemKeyServices" = "AppleKeyStore is not serializable"
    ||   "com.apple.AppleFSCompression.Type12" = Yes
    ||   "boot-uuid-media" = "AppleAPFSVolume is not serializable"
    ||   "com.apple.AppleDiskImageController.load" = Yes
    ||   "com.apple.AppleFSCompression.Type4" = Yes
    ||   "AppleUSBCableDetect" = No
    ||   "als-lgp-version" = 0x7
    ||   "com.apple.AppleFSCompression.Type5" = Yes
    ||   "com.apple.AppleFSCompression.Type13" = Yes
    ||   "AppleARMCPU-BootCPU-Initialized" = Yes
    ||   "IOAllCPUInitialized" = Yes
    ||   "AKSFileVaultServices" = "AppleKeyStore is not serializable"
    ||   "CCPipe" = "IOService"
    ||   "AKSKernelServices" = "AppleKeyStore is not serializable"
    ||   "AppleARMCPU-AllCPU-Initialized" = Yes
    ||   "com.apple.AppleFSCompression.Type7" = Yes
    ||   "com.apple.AppleFSCompression.Type14" = Yes
    ||   "SEP" = "IOService"
    ||   "AppleUSBCableType" = "USB3Device"
    ||   "com.apple.AppleFSCompression.Type8" = Yes
    ||   "IOKit" = "IOService"
    ||   "com.apple.iokit.SCSISubsystemGlobals" = Yes
    ||   "IOPlatformUUID" = "976C1E3F-A20A-5C7D-AFED-46D327C0BB3E"
    ||   "com.apple.AppleFSCompression.Type9" = Yes
    ||   "IOConsoleUsers" =
({"kCGSSessionOnConsoleKey"=Yes,"kCGSSessionLoginwindowSafeLogin"=No,"kSCSecuritySessionID"=0x186b2,"kCGSe
ssionLongUserNameKey"="Jensen
Mark","kCGSSessionUserIDKey"=0x1f7,"kCGSessionLoginDoneKey"=Yes,"kCGSSessionSystemSafeBoot"=No,"kCGSSessio
nIDKey"=0x101,"kCGSSessionGroupIDKey"=0x14,"kCGSSessionUserNameKey"="jensenmark","kCGSSessionAuditIDKey"=0
x186b2})

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|| "IOTimeSyncClockManager" = "IOService"
|| "IOConsoleUsersSeed" = <0f000000>
|| }
||
|+o AUC <class AUC, id 0x100000233, registered, matched, active, busy 0 (1 ms), retain 5>
|| {
|| "IOProbeScore" = 0x0
|| "CFBundleIdentifier" = "com.apple.AUC"
|| "IOProviderClass" = "IOResources"
|| "IOClass" = "AUC"
|| "IOPersonalityPublisher" = "com.apple.AUC"
|| "CFBundleIdentifierKernel" = "com.apple.AUC"
|| "IOMatchedAtBoot" = Yes
|| "IOMatchCategory" = "IODefaultMatchCategory"
|| "IOUserClientClass" = "AUCUserClient"
|| }
||
|+o AppleARMBootPerf <class AppleARMBootPerf, id 0x100000234, !registered, !matched, active, busy 0, retain 5>
|| {
|| "IOProbeScore" = 0x0
|| "CFBundleIdentifier" = "com.apple.driver.AppleARMPlatform"
|| "IOMatchCategory" = "AppleARMBootPerf"
|| "IOClass" = "AppleARMBootPerf"
|| "IOPersonalityPublisher" = "com.apple.driver.AppleARMPlatform"
|| "IOProviderClass" = "IOResources"
|| "CFBundleIdentifierKernel" = "com.apple.driver.AppleARMPlatform"
|| "IOMatchedAtBoot" = Yes
|| "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| "IOResourceMatch" = "IOKit"
|| }
||
|+o AppleMesaResources <class AppleMesaResources, id 0x100000235, registered, matched, active, busy 0 (1 ms),
retain 5>
|| {
|| "IOProbeScore" = 0x0
|| "CFBundleIdentifier" = "com.apple.driver.AppleBiometricSensor"
|| "IOMatchCategory" = "AppleMesaResources"
|| "IOClass" = "AppleMesaResources"
|| "IOPersonalityPublisher" = "com.apple.driver.AppleBiometricSensor"
|| "IOProviderClass" = "IOResources"
|| "CFBundleIdentifierKernel" = "com.apple.driver.AppleBiometricSensor"
|| "IOMatchedAtBoot" = Yes
|| }
||
|+o AppleCredentialManager <class AppleCredentialManager, id 0x100000236, registered, matched, active, busy 0 (2
ms), retain 12>
|| {
|| "IOClass" = "AppleCredentialManager"
|| "CFBundleIdentifier" = "com.apple.driver.AppleCredentialManager"
|| "IOProviderClass" = "IOResources"
|| "TRM_CacheMiss" = No
|| "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
|| "IOUserClientClass" = "AppleCredentialManagerUserClient"
|| "IOProbeScore" = 0x0
|| "IOMatchedAtBoot" = Yes
|| "ACMTRMStore_PolicySave" =
<08000000000000000000000000000000000000000000000000000000000000000000c601f06200000000c601f062000000000000>
|| "IOMatchCategory" = "AppleCredentialManager"
|| "ACMTRMStore_PolicyLoad" =
<08000000000000000000000000000000000000000000000000000000000000000000a1eeef6200000000a1eeef62000000000000>
|| "TRM_PolicyTimeout" = 0x3f480
|| "TRM_PolicyReason" = 0x0
|| "ACMTRMStore_AnalyticsLoad" =
<060000000000000000fa99ee620000000000000000000000000000000000000000000000000000000000000000000000000>
|| "IOPersonalityPublisher" = "com.apple.driver.AppleCredentialManager"
|| "CFBundleIdentifierKernel" = "com.apple.driver.AppleCredentialManager"
|| "TRM_GracePeriodTimeout" = 0x2a300
|| }
||
|+o AppleCredentialManagerUserClient <class AppleCredentialManagerUserClient, id 0x100000a56, !registered, !
matched, active, busy 0, retain 5>
|| {
|| "IOUserClientCreator" = "pid 402, AppleCredentialM"
|| "IOUserClientDefaultLocking" = Yes
|| }
||
|+o AppleCredentialManagerUserClient <class AppleCredentialManagerUserClient, id 0x100000bb6, !registered, !
matched, active, busy 0, retain 5>
|| {
|| "IOUserClientCreator" = "pid 565, coreauthd"
|| "IOUserClientDefaultLocking" = Yes
|| }
||
|+o AppleCredentialManagerUserClient <class AppleCredentialManagerUserClient, id 0x100000c38, !registered, !
matched, active, busy 0, retain 5>
|| {
|| "IOUserClientCreator" = "pid 704, coreauthd"
|| "IOUserClientDefaultLocking" = Yes
|| }
||
|+o AppleDiskImagesController <class AppleDiskImagesController, id 0x100000237, registered, matched, active, busy
0 (1 ms), retain 5>
|| {
|| "IOProbeScore" = 0x0
|| "CFBundleIdentifier" = "com.apple.driver.AppleDiskImages2"
|| "IOMatchCategory" = "AppleDiskImageDevice"
|| "IOClass" = "AppleDiskImagesController"
|| "IOPersonalityPublisher" = "com.apple.driver.AppleDiskImages2"
|| "IOProviderClass" = "IOResources"
|| "CFBundleIdentifierKernel" = "com.apple.driver.AppleDiskImages2"
|| "IOMatchedAtBoot" = Yes
|| "IOUserClientClass" = "DIDeviceCreatorUserClient"
|| "IOResourceMatch" = "IOKit"
|| }
||
|+o AppleFDEKeyStore <class AppleFDEKeyStore, id 0x100000238, registered, matched, active, busy 0 (2 ms), retain
6>
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|| {
||   "IOProbeScore" = 0x0
||   "CFBundleIdentifier" = "com.apple.driver.AppleFDEKeyStore"
||   "IOMatchCategory" = "AppleFDEKeyStore"
||   "IOClass" = "AppleFDEKeyStore"
||   "IOPersonalityPublisher" = "com.apple.driver.AppleFDEKeyStore"
||   "IOProviderClass" = "IOResources"
||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleFDEKeyStore"
||   "IOMatchedAtBoot" = Yes
||   "IOUserClientClass" = "AppleFDEKeyStoreUserClient"
||   "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
||   "IOResourceMatch" = "IOKit"
|| }
||
|| +-o AppleIPAppender <class AppleIPAppender, id 0x100000239, registered, matched, active, busy 0 (1 ms), retain 6>
|| {
||   "IOClass" = "AppleIPAppender"
||   "CFBundleIdentifier" = "com.apple.driver.AppleIPAppender"
||   "IOProviderClass" = "IOResources"
||   "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
||   "IOUserClientClass" = "AppleIPAppenderUserClient"
||   "IOResourceMatch" = "IOKit"
||   "IOProbeScore" = 0x0
||   "IOMatchedAtBoot" = Yes
||   "IOMatchCategory" = "AppleIPAppender"
||   "IOPersonalityPublisher" = "com.apple.driver.AppleIPAppender"
||   "IOKitDebug" = 0xffff
||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleIPAppender"
|| }
||
|| +-o AppleKeyStore <class AppleKeyStore, id 0x10000023a, registered, matched, active, busy 0 (1055 ms), retain 38>
|| {
||   "IOClass" = "AppleKeyStore"
||   "CFBundleIdentifier" = "com.apple.driver.AppleSEPKeyStore"
||   "IOProviderClass" = "IOResources"
||   "IOPlatformWakeAction" = 0x3e8
||   "IOUserClientClass" = "AppleKeyStoreUserClient"
||   "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
||   "IOResourceMatch" = "IOKit"
||   "IOProbeScore" = 0x0
||   "IOMatchedAtBoot" = Yes
||   "IOMatchCategory" = "AppleKeyStore"
||   "IOGeneralInterest" = "IOCommand is not serializable"
||   "IOPersonalityPublisher" = "com.apple.driver.AppleSEPKeyStore"
||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleSEPKeyStore"
|| }
||
|| +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000a4b, !registered, !matched, active, busy
0, retain 6>
|| {
||   "IOUserClientCreator" = "pid 344, UserEventAgent"
||   "IOUserClientDefaultLocking" = Yes
|| }
||
|| +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000a5a, !registered, !matched, active, busy
0, retain 6>
|| {
||   "IOUserClientCreator" = "pid 409, bluetoothd"
||   "IOUserClientDefaultLocking" = Yes
|| }
||
|| +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000a64, !registered, !matched, active, busy
0, retain 6>
|| {
||   "IOUserClientCreator" = "pid 403, PerfPowerService"
||   "IOUserClientDefaultLocking" = Yes
|| }
||
|| +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000b20, !registered, !matched, active, busy
0, retain 6>
|| {
||   "IOUserClientCreator" = "pid 420, WindowServer"
||   "IOUserClientDefaultLocking" = Yes
|| }
||
|| +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000b21, !registered, !matched, active, busy
0, retain 6>
|| {
||   "IOUserClientCreator" = "pid 520, containermanager"
||   "IOUserClientDefaultLocking" = Yes
|| }
||
|| +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000b33, !registered, !matched, active, busy
0, retain 6>
|| {
||   "IOUserClientCreator" = "pid 534, mobileactivation"
||   "IOUserClientDefaultLocking" = Yes
|| }
||
|| +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000b57, !registered, !matched, active, busy
0, retain 6>
|| {
||   "IOUserClientCreator" = "pid 548, containermanager"
||   "IOUserClientDefaultLocking" = Yes
|| }
||
|| +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000b9c, !registered, !matched, active, busy
0, retain 6>
|| {
||   "IOUserClientCreator" = "pid 386, opendirectoryd"
||   "IOUserClientDefaultLocking" = Yes
|| }
||
|| +-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000bc3, !registered, !matched, active, busy
0, retain 6>
|| {
||   "IOUserClientCreator" = "pid 571, GSSCred"
||   "IOUserClientDefaultLocking" = Yes
|| }

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    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000be5, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 585, securityd_servic"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000be6, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 585, securityd_servic"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000be7, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 423, loginwindow"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000bf8, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 627, containermanager"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000bfc, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 628, secd"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000c35, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 702, ctkd"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000c39, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 702, ctkd"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000c59, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 708, corespotlightd"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000cce, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 707, sharingd"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d47, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 758, containermanager"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d49, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 740, iCloudNotificati"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d54, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 621, rapportd"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d5f, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 741, com.apple.siri.e"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d63, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 707, sharingd"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000d65, !registered, !matched, active, busy
0, retain 6>
    {
    | "IOUserClientCreator" = "pid 784, CloudKeychainPro"
    | "IOUserClientDefaultLocking" = Yes
    }
    }
    || +o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000db8, !registered, !matched, active, busy
```

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0, retain 6>
| | | {
| | | "IOUserClientCreator" = "pid 614, cloudpaired"
| | | "IOUserClientDefaultLocking" = Yes
| | | }
| | |
| | | ++-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000e35, !registered, !matched, active, busy
0, retain 6>
| | | {
| | | "IOUserClientCreator" = "pid 886, corespeechd"
| | | "IOUserClientDefaultLocking" = Yes
| | | }
| | |
| | | ++-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x100000fca, !registered, !matched, active, busy 0,
retain 6>
| | | {
| | | "IOUserClientCreator" = "pid 1251, appstoreagent"
| | | "IOUserClientDefaultLocking" = Yes
| | | }
| | |
| | | ++-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x1000011c6, !registered, !matched, active, busy 0,
retain 6>
| | | {
| | | "IOUserClientCreator" = "pid 1420, UniversalControl"
| | | "IOUserClientDefaultLocking" = Yes
| | | }
| | |
| | | ++-o AppleKeyStoreUserClient <class AppleKeyStoreUserClient, id 0x1000011d5, !registered, !matched, active, busy
0, retain 6>
| | | {
| | | "IOUserClientCreator" = "pid 1471, passd"
| | | "IOUserClientDefaultLocking" = Yes
| | | }
| | |
| | | ++-o AppleSSE <class AppleSSE, id 0x10000023b, registered, matched, active, busy 0 (1 ms), retain 8>
| | | {
| | | "IOProbeScore" = 0x0
| | | "CFBundleIdentifier" = "com.apple.driver.AppleSSE"
| | | "IOMatchCategory" = "AppleSSE"
| | | "IOClass" = "AppleSSE"
| | | "IOPersonalityPublisher" = "com.apple.driver.AppleSSE"
| | | "IOProviderClass" = "IOResources"
| | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleSSE"
| | | "IOMatchedAtBoot" = Yes
| | | "IOUserClientClass" = "AppleSSEUserClient"
| | | "IOPowerManagement" = {"CapabilityFlags"=0x0,"MaxPowerState"=0x1,"CurrentPowerState"=0x0}
| | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | }
| | |
| | | ++-o AppleSSEUserClient <class AppleSSEUserClient, id 0x1000011db, !registered, !matched, active, busy 0, retain 5>
| | | {
| | | "IOUserClientCreator" = "pid 1471, passd"
| | | "IOUserClientDefaultLocking" = Yes
| | | }
| | |
| | | ++-o BroadcomBluetoothHostControllerUSBTransport <class BroadcomBluetoothHostControllerUSBTransport, id
0x10000023c, !registered, !matched, active, busy 0, retain 4>
| | | {
| | | "IOProbeScore" = 0x0
| | | "CFBundleIdentifier" = "com.apple.iokit.BroadcomBluetoothHostControllerUSBTransport"
| | | "IOMatchCategory" = "BroadcomBluetoothHostControllerUSBTransport"
| | | "IOClass" = "BroadcomBluetoothHostControllerUSBTransport"
| | | "IOPersonalityPublisher" = "com.apple.iokit.BroadcomBluetoothHostControllerUSBTransport"
| | | "IOProviderClass" = "IOResources"
| | | "CFBundleIdentifierKernel" = "com.apple.iokit.BroadcomBluetoothHostControllerUSBTransport"
| | | "IOMatchedAtBoot" = Yes
| | | "IOResourceMatch" = "IOKit"
| | | }
| | |
| | | ++-o CSRBluetoothHostControllerUSBTransport <class CSRBluetoothHostControllerUSBTransport, id 0x10000023d, !
registered, !matched, active, busy 0, retain 4>
| | | {
| | | "IOProbeScore" = 0x0
| | | "CFBundleIdentifier" = "com.apple.iokit.CSRBluetoothHostControllerUSBTransport"
| | | "IOMatchCategory" = "CSRBluetoothHostControllerUSBTransport"
| | | "IOClass" = "CSRBluetoothHostControllerUSBTransport"
| | | "IOPersonalityPublisher" = "com.apple.iokit.CSRBluetoothHostControllerUSBTransport"
| | | "IOProviderClass" = "IOResources"
| | | "CFBundleIdentifierKernel" = "com.apple.iokit.CSRBluetoothHostControllerUSBTransport"
| | | "IOMatchedAtBoot" = Yes
| | | "IOResourceMatch" = "IOKit"
| | | }
| | |
| | | ++-o CoreAnalyticsHub <class CoreAnalyticsHub, id 0x10000023e, registered, matched, active, busy 0 (1 ms), retain
25>
| | | {
| | | "IOClass" = "CoreAnalyticsHub"
| | | "CFBundleIdentifier" = "com.apple.iokit.CoreAnalyticsFamily"
| | | "IOProviderClass" = "IOResources"
| | | "IOUserClientClass" = "CoreAnalyticsUserClient"
| | | "IOResourceMatch" = "IOKit"
| | | "IOProbeScore" = 0x0
| | | "IOMatchedAtBoot" = Yes
| | | "IOMatchCategory" = "CoreAnalyticsHub"
| | | "IOReportLegendPublic" = Yes
| | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | "IOReportLegend" = {"IOReportGroupName"="Hub
Stats","IOReportChannels"="(0x4573692020202020,0x180000001,"API calls"),
(0x4573702020202020,0x180000001,"Pending Retained Items"),(0x4573662020202020,0x180000001,"API dropped and
freed"),(0x45736d2020202020,0x180000001,"Serialized Messages"),(0x4573622020202020,0x180000001,"Serialized
Message Bytes"),(0x4573662020202020,0x180000001,"Serializing Failures"),
(0x45756d2020202020,0x180000001,"MessageClient Sent"),(0x45756c2020202020,0x180000001,"UserClient
Launches"),(0x4575632020202020,0x18$
| | | "IOPersonalityPublisher" = "com.apple.iokit.CoreAnalyticsFamily"
| | | "CFBundleIdentifierKernel" = "com.apple.iokit.CoreAnalyticsFamily"
| | | }
| | |
| | | ++-o CoreAnalyticsUserClient <class CoreAnalyticsUserClient, id 0x100000b53, !registered, !matched, active, busy 0,

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retain 6>
| | {
| |   "IOUserClientCreator" = "pid 499, analyticsd"
| |   "IOUserClientDefaultLocking" = Yes
| | }
| |
| | +-o EndpointSecurityDriver <class EndpointSecurityDriver, id 0x10000023f, registered, matched, active, busy 0 (1
ms), retain 13>
| | {
| |   "IOProbeScore" = 0x0
| |   "CFBundleIdentifier" = "com.apple.iokit.EndpointSecurity"
| |   "IOMatchCategory" = "EndpointSecurityDriver"
| |   "IOClass" = "EndpointSecurityDriver"
| |   "IOPersonalityPublisher" = "com.apple.iokit.EndpointSecurity"
| |   "IOProviderClass" = "IOResources"
| |   "CFBundleIdentifierKernel" = "com.apple.iokit.EndpointSecurity"
| |   "IOMatchedAtBoot" = Yes
| |   "IOUserClientClass" = "EndpointSecurityDriverClient"
| |   "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
| |   "IOResourceMatch" = "IOKit"
| | }
| |
| | +-o EndpointSecurityDriverClient <class EndpointSecurityDriverClient, id 0x100000a3d, !registered, !matched,
active, busy 0, retain 5>
| | {
| |   "IOUserClientCreator" = "pid 356, endpointsecurity"
| |   "IOUserClientDefaultLocking" = Yes
| | }
| |
| | +-o EndpointSecurityExternalClient <class EndpointSecurityExternalClient, id 0x100000da7, !registered, !matched,
active, busy 0, retain 6>
| | {
| |   "IOUserClientCreator" = "pid 797, com.bitdefender."
| |   "IOUserClientDefaultLocking" = Yes
| | }
| |
| | +-o EndpointSecurityExternalClient <class EndpointSecurityExternalClient, id 0x100000da8, !registered, !matched,
active, busy 0, retain 6>
| | {
| |   "IOUserClientCreator" = "pid 797, com.bitdefender."
| |   "IOUserClientDefaultLocking" = Yes
| | }
| |
| | +-o EndpointSecurityExternalClient <class EndpointSecurityExternalClient, id 0x100000da9, !registered, !matched,
active, busy 0, retain 6>
| | {
| |   "IOUserClientCreator" = "pid 797, com.bitdefender."
| |   "IOUserClientDefaultLocking" = Yes
| | }
| |
| | +-o EndpointSecurityExternalClient <class EndpointSecurityExternalClient, id 0x100000e9a, !registered, !matched,
active, busy 0, retain 6>
| | {
| |   "IOUserClientCreator" = "pid 380, RTPProtectionDaem"
| |   "IOUserClientDefaultLocking" = Yes
| | }
| |
| | +-o EndpointSecurityExternalClient <class EndpointSecurityExternalClient, id 0x100000ecc, !registered, !matched,
active, busy 0, retain 6>
| | {
| |   "IOUserClientCreator" = "pid 941, BDCoreIssues"
| |   "IOUserClientDefaultLocking" = Yes
| | }
| |
| | +-o EndpointSecurityExternalClient <class EndpointSecurityExternalClient, id 0x100000ecd, !registered, !matched,
active, busy 0, retain 6>
| | {
| |   "IOUserClientCreator" = "pid 941, BDCoreIssues"
| |   "IOUserClientDefaultLocking" = Yes
| | }
| |
| | +-o com_apple_driver_FairPlayIOKit <class com_apple_driver_FairPlayIOKit, id 0x100000240, registered, matched,
active, busy 0 (0 ms), retain 8>
| | {
| |   "IOProbeScore" = 0x0
| |   "CFBundleIdentifier" = "com.apple.driver.FairPlayIOKit"
| |   "IOMatchCategory" = "FairPlayIOKit"
| |   "IOClass" = "com_apple_driver_FairPlayIOKit"
| |   "IOPersonalityPublisher" = "com.apple.driver.FairPlayIOKit"
| |   "IOKitDebug" = 0x0
| |   "IOProviderClass" = "IOResources"
| |   "CFBundleIdentifierKernel" = "com.apple.driver.FairPlayIOKit"
| |   "IOUserClientClass" = "com_apple_driver_FairPlayIOKitUserClient"
| |   "IOMatchedAtBoot" = Yes
| |   "IOResourceMatch" = "IOKit"
| | }
| |
| | +-o com_apple_driver_FairPlayIOKitUserClient <class com_apple_driver_FairPlayIOKitUserClient, id 0x100000fcb, !
registered, !matched, active, busy 0, retain 5>
| | {
| |   "IOUserClientCreator" = "pid 1262, lskdd"
| |   "IOUserClientDefaultLocking" = Yes
| | }
| |
| | +-o com_apple_driver_FairPlayIOKitUserClient <class com_apple_driver_FairPlayIOKitUserClient, id 0x100001109, !
registered, !matched, active, busy 0, retain 5>
| | {
| |   "IOUserClientCreator" = "pid 1390, fairplayd"
| |   "IOUserClientDefaultLocking" = Yes
| | }
| |
| | +-o IOBluetoothHCIController <class IOBluetoothHCIController, id 0x100000241, registered, matched, active, busy 0
(2269 ms), retain 10>
| | {
| |   "IOClass" = "IOBluetoothHCIController"
| |   "CFBundleIdentifier" = "com.apple.iokit.IOBluetoothFamily"
| |   "IOProviderClass" = "IOResources"
| |   "IOResourceMatch" = "IOKit"

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    ||| "IOProbeScore" = 0x0
    ||| "IOMatchedAtBoot" = Yes
    ||| "IOMatchCategory" = "IOBluetoothHCIController"
    ||| "BluetoothTransportConnected" = Yes
    ||| "IOPersonalityPublisher" = "com.apple.iokit.IOBluetoothFamily"
    ||| "Built-In" = Yes
    ||| "CFBundleIdentifierKernel" = "com.apple.iokit.IOBluetoothFamily"
    ||| "70-f0-87-21-ca-36" =
{"ConfiguredNotPaired"=No,"LinkSupervisionTimeout"=0x1f40,"VendorID"=0x4c,"CountryCode"=0x0,"HIDVirtualDevice"=
No,"Product"="Mark Jensen's
Keyboard","VersionNumber"=0x160,"QoSlatency"=0x2bf2,"ProductID"=0x267,"Transport"="Bluetooth","Authenticated"=N
o,"ReportDescriptor"=<05010906a101850105071500250119e029e77501950881029505750105081901290591029501750
3910395087501150025010600ff09038103950675081500256505071900296581009501750115002501050c09b8810295
0175010601ff090381029501750681030602ff09558555150026ff0075089540b1a$
    ||| }
    ||| }
    ||| +-o IOBluetoothACPIMethods <class IOBluetoothACPIMethods, id 0x100000255, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| }
    ||| }
    ||| +-o IOBluetoothHCIUserClient <class IOBluetoothHCIUserClient, id 0x100000b1d, !registered, !matched, active, busy
0, retain 6>
    ||| {
    ||| "IOUserClientCreator" = "pid 409, bluetoothd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    ||| }
    ||| +-o IOBluetoothDevice <class IOBluetoothDevice, id 0x100001155, registered, matched, active, busy 0 (33 ms),
retain 8>
    ||| {
    ||| "ConnectionHandle" = 0x1
    ||| "BluetoothObjectID" = 0x5
    ||| "BD_ADDR" = <a078177698bf>
    ||| "BTTTYName" = "Bluetooth-Incoming-Port"
    ||| "MaxACLPacketSize" = 0x0
    ||| "Link Level Encryption" = 0x0
    ||| "IOEXTMatchCount" = 0x1
    ||| "DeviceType" = "Serial"
    ||| "BTAddress" = <a078177698bf>
    ||| "ClassOfDevice" = 0x0
    ||| "IsInitiator" = Yes
    ||| }
    ||| }
    ||| +-o IOUserBluetoothSerialDriver <class IOUserService, id 0x100001156, registered, matched, active, busy 0 (2 ms),
retain 9>
    ||| {
    ||| "IOClass" = "IOUserService"
    ||| "CFBundleIdentifier" = "com.apple.IOUserBluetoothSerialDriver"
    ||| "IOProviderClass" = "IOBluetoothDevice"
    ||| "IOUserServerCDHash" = "b4b3b46f076a295809bed33611e2969034b9e2a3"
    ||| "IOPropertyMatch" = {"ClassOfDevice"=0x0,"DeviceType"="Serial"}
    ||| "IOUserBluetoothSerialClient" = {"IOClass"="IOUserUserClient","IOUserClass"="IOUserBluetoothSerialClient"}
    ||| "IOMatchedPersonality" =
{"IOClass"="IOUserService","CFBundleIdentifier"="com.apple.IOUserBluetoothSerialDriver","IOProviderClass"="IOBluetoot
hDevice","IOUserServerCDHash"="b4b3b46f076a295809bed33611e2969034b9e2a3","IOPropertyMatch"={"ClassOfDevi
ce"=0x0,"DeviceType"="Serial"},"IOUserBluetoothSerialClient"={"IOClass"="IOUserUserClient","IOUserClass"="IOUserBlu
etoothSerialClient"},"PTY"={"IOClass"="IOUserSerial","PTY"={"IOClass"="IOUserUserClient","IOUserClass"="IOUserPseud
oSerialUserClient"},"CFBundleIdentifier"="com.apple.driver$
    ||| | "PTY" =
{"IOClass"="IOUserSerial","PTY"={"IOClass"="IOUserUserClient","IOUserClass"="IOUserPseudoSerialUserClient"},"CFBun
dleIdentifier"="com.apple.driver.driverkit.serial","IOUserClass"="IOUserPseudoSerial"}
    ||| | "IOProbeScore" = 0x0
    ||| | "IOPowerManagement" = {"CapabilityFlags"=0x0,"MaxPowerState"=0x2,"CurrentPowerState"=0x0}
    ||| | "IOUserServerName" = "com.apple.IOUserBluetoothSerialDriver"
    ||| | "IOMatchCategory" = "IOUserBluetoothSerialDriver"
    ||| | "DeviceAddress" = <a078177698bf>
    ||| | "IOPersonalityPublisher" = "com.apple.IOUserBluetoothSerialDriver"
    ||| | "CFBundleIdentifierKernel" = "com.apple.driver.driverkit.serial"
    ||| | "ClassOfDevice" = 0x0
    ||| | "IOUserClass" = "IOUserBluetoothSerialDriver"
    ||| | }
    ||| | }
    ||| +-o IOUserBluetoothSerialClient <class IOUserUserClient, id 0x100001158, !registered, !matched, active, busy 0,
retain 7>
    ||| {
    ||| "IOClass" = "IOUserUserClient"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| "IOUserClientCreator" = "pid 409, bluetoothd"
    ||| "IOUserClass" = "IOUserBluetoothSerialClient"
    ||| }
    ||| }
    ||| +-o IOUserPseudoSerial <class IOUserSerial, id 0x100001159, registered, matched, active, busy 0 (1 ms), retain
10>
    ||| {
    ||| "IOUserClass" = "IOUserPseudoSerial"
    ||| "CFBundleIdentifier" = "com.apple.driver.driverkit.serial"
    ||| "HiddenPort" = Yes
    ||| "IOClass" = "IOUserSerial"
    ||| "IOTTYBaseName" = "Bluetooth-Incoming-Port"
    ||| "PTY" = {"IOClass"="IOUserUserClient","IOUserClass"="IOUserPseudoSerialUserClient"}
    ||| "IOTTYSuffix" = ""
    ||| "IOServiceDXTEntitlements" = "com.apple.developer.driverkit.family.serial"
    ||| }
    ||| }
    ||| +-o IOSerialBSDClient <class IOSerialBSDClient, id 0x10000115a, registered, matched, active, busy 0 (1 ms),
retain 5>
    ||| {
    ||| "IOClass" = "IOSerialBSDClient"
    ||| "CFBundleIdentifier" = "com.apple.iokit.IOSerialFamily"
    ||| "IOProviderClass" = "IOSerialStreamSync"
    ||| "IOTTYBaseName" = "Bluetooth-Incoming-Port"
    ||| "IOSerialBSDClientType" = "IOSerialStream"
    ||| "IOProbeScore" = 0x3e8
    ||| "IOResourceMatch" = "IOBSD"
    ||| "IOMatchedAtBoot" = Yes
    ||| "IOMatchCategory" = "IODefaultMatchCategory"
    ||| "IOTTYDevice" = "Bluetooth-Incoming-Port"
    ||| }
```

```
||| | "IOCalloutDevice" = "/dev/cu.Bluetooth-Incoming-Port"
||| | "IODialinDevice" = "/dev/tty.Bluetooth-Incoming-Port"
||| | "IOPersonalityPublisher" = "com.apple.iokit.IOSerialFamily"
||| | "CFBundleIdentifierKernel" = "com.apple.iokit.IOSerialFamily"
||| | "IOTTSuffix" = ""
||| | }
||| |
||| | +-o IOUserPseudoSerialUserClient <class IOUserUserClient, id 0x10000115b, !registered, !matched, active, busy
0, retain 7>
||| | {
||| |   "IOClass" = "IOUserUserClient"
||| |   "IOUserClientDefaultLocking" = Yes
||| |   "IOUserClientCreator" = "pid 409, bluetoothd"
||| |   "IOUserClass" = "IOUserPseudoSerialUserClient"
||| | }
||| |
||| | +-o IOBluetoothDevice <class IOBluetoothDevice, id 0x10000115d, registered, matched, active, busy 0 (593 ms),
retain 10>
||| | {
||| |   "ConnectionHandle" = 0xc
||| |   "BluetoothObjectID" = 0x6
||| |   "BD_ADDR" = <70f08721ca36>
||| |   "MaxACLPacketSize" = 0x3fd
||| |   "Link Level Encryption" = 0x0
||| |   "ProcessName" = "bluetoothd"
||| |   "HIDShimDeviceCreated" = Yes
||| |   "ClassOfDevice" = 0x2540
||| |   "IsInitiator" = Yes
||| | }
||| |
||| | +-o IOBluetoothL2CAPChannel <class IOBluetoothL2CAPChannel, id 0x10000115e, registered, matched, active,
busy 0 (593 ms), retain 8>
||| | {
||| |   "LocalChannelID" = 0x306
||| |   "BluetoothObjectID" = 0x7
||| |   "RemoteChannelID" = 0x306
||| |   "OutgoingMTU" = 0x30
||| |   "PSM" = 0x11
||| |   "ChannelState" = 0x4
||| |   "IncomingMTU" = 0x30
||| |   "IsInitiator" = No
||| | }
||| |
||| | +-o AppleHSBluetoothDevice <class AppleHSBluetoothDevice, id 0x100001160, registered, matched, active, busy
0 (589 ms), retain 52>
||| | {
||| |   "IOMatchedAtBoot" = Yes
||| |   "PrimaryUsagePage" = 0x0
||| |   "MaxInputReportSize" = 0xa
||| |   "IOUserClientClass" = "IOHIDLibUserClient"
||| |   "BatteryPanic" = No
||| |   "VendorID" = 0x4c
||| |   "ReportDescriptor" =
<05010906a101850105071500250119e029e77501950881029505750105081901290591029501750391039508750115002
5010600ff09038103950675081500256505071900296581009501750115002501050c09b88102950175010601ff0903810
29501750681030602ff09558555150026ff0075089540b1a2c00600ff0914a101859005847501950315002501096105850
944094681029505810175089501150026ff0009658102c0>
||| |   "VersionNumber" = 0x160
||| |   "DeviceAddress" = "70-f0-87-21-ca-36"
||| |   "SuspendSupported" = Yes
||| |   "ExtendedFeatures" =
{"UserMode"={"size"=0x1,"id"=0x43,"min"=0x1,"max"=0x3,"type"=0x2},"RecantConnection"={"id"=0x40,"type"=0x2,"valu
e"=0x3},"LongDeviceName"={"id"=0x55,"size"=0x40,"type"=0x2},"FactoryDefault"={"id"=0x41,"type"=0x2,"value"=0x0},"
BatteryVoltage"={"id"=0x92,"size"=0x2,"type"=0x2},"WillShutdown"={"id"=0x40,"type"=0x2,"value"=0x1},"FullFactoryDef
ault"={"id"=0x42,"type"=0x2,"value"=0x1}}
||| |   "BatteryLowPowerDisconnectionNotificationType" = "KBLowBatteryPowerDisconnected"
||| |   "HIDVirtualDevice" = No
||| |   "Product" = "Magic Keyboard"
||| |   "MaxFeatureReportSize" = 0x41
||| |   "PSM" = 0x11
||| |   "BatteryLow" = No
||| |   "Transport" = "Bluetooth"
||| |   "Descriptors" = {"InterfaceDescriptors"={"InterfaceString"="Device
Management@0","KeyholeReportID"=0xf0,"CountryCode"=0x0,"DescriptorVersion"=0x2,"InterfaceNumber"=0x0},
{"InterfaceString"="Keyboard /
Boot@1","KeyholeReportID"=0xf1,"CountryCode"=0x21,"DescriptorVersion"=0x2,"InterfaceNumber"=0x1},
{"InterfaceString"="Accelerometer@2","KeyholeReportID"=0xf2,"CountryCode"=0x0,"DescriptorVersion"=0x2,"InterfaceNu
mber"=0x2},"DeviceDescriptor"={"DescriptorVersion"=0x2,"ManufacturerString"="Apple
Inc.,"NumInterfaces"=0x3,"ProductS$
||| |   "Elements" =
{"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"={"VariableSiz
e"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x7,"Max"=0x1,"IsArray"=No,"Type"=0x2,"Size"=0x1,"Min"=0x0,
"Flags"=0x2,"ReportID"=0x1,"Usage"=0xe0,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x1,"HasPref
erredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x1,"ElementCookie"=0xb},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x7,"Max"$
||| |   "SerialNumber" = "70-f0-87-21-ca-36"
||| |   "Manufacturer" = "Apple"
||| |   "ConnectionNotificationType" = "KBConnected"
||| |   "ProductID" = 0x267
||| |   "IOPersonalityPublisher" = "com.apple.driver.AppleHSBluetoothDriver"
||| |   "PoweredOffNotificationType" = "KBOff"
||| |   "IOPowerManagement" = {"CapabilityFlags"=0x8000,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
||| |   "BD_ADDR" = <70f08721ca36>
||| |   "DeviceUsagePairs" = {"DeviceUsagePage"=0x0,"DeviceUsage"=0x1})
||| |   "HostTransportSwitchNotificationType" = "KBTransportSwitch"
||| |   "BTHIDObjectID" = 0xfffffffedc04900
||| |   "DeviceManaged" = Yes
||| |   "ClassOfDevice" = 0x2540
||| |   "VendorIDSource" = 0x1
||| |   "InputReportElements" =
{"ReportID"=0x1,"ElementCookie"=0x107,"Size"=0x50,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0
x0,"ReportSize"=0x50,"Usage"=0x0},
{"ReportID"=0x55,"ElementCookie"=0x108,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0
x0,"ReportSize"=0x8,"Usage"=0x0},
{"ReportID"=0x90,"ElementCookie"=0x109,"Size"=0x18,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=
0x0,"ReportSize"=0x18,"Usage"=0x0})
||| |   "ReportInterval" = 0x2bf2
||| |   "Bluetooth Product Name" = "Magic Keyboard"
```



```
    | | | "CFBundleIdentifier" = "com.apple.driver.AppleHSBluetoothDriver"
    | | | "MaxOutputReportSize" = 0x2
    | | | "IOCFPluginTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin", "40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin", "7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
    | | | "IOProviderClass" = "IOBluetoothL2CAPChannel"
    | | | "LocationID" = 0x721ca36
    | | | "IOClass" = "AppleHSBluetoothDevice"
    | | | "DisconnectionNotificationType" = "KBDIsconnected"
    | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHSBluetoothDriver"
    | | | "HIDDefaultBehavior" = "Keyboard"
    | | | "CountryCode" = 0x0
    | | | "PrimaryUsage" = 0x1
    | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | "IOProbeScore" = 0x3e8
    | | | "ColorID" = 0x0
    | | | }
    | | | }
    | | | }
    | | | +-o Device Management@0 <class AppleHSBluetoothInterface, id 0x100001163, registered, matched, active,
busy 0 (506 ms), retain 9>
    | | | | {
    | | | | | "bInterfaceNumber" = 0x0
    | | | | | "KeyholeReportID" = 0xf0
    | | | | | "idProduct" = 0x267
    | | | | | "Bluetooth Product Name" = "Magic Keyboard"
    | | | | | "VendorIDSource" = 0x1
    | | | | | "idVendor" = 0x4c
    | | | | | "LocationID" = 0x721ca36
    | | | | | }
    | | | | | }
    | | | | +-o AppleHSBluetoothHIDDriver <class AppleHSBluetoothHIDDriver, id 0x100001166, registered, matched,
active, busy 0 (504 ms), retain 10>
    | | | | | {
    | | | | | | "IOMatchedAtBoot" = Yes
    | | | | | | "PrimaryUsagePage" = 0xff00
    | | | | | | "MaxInputReportSize" = 0x5
    | | | | | | "IOUserClientClass" = "IOHIDLibUserClient"
    | | | | | | "VersionNumber" = 0x0
    | | | | | | "ReportDescriptor" =
<0600ff090ba1010600ff090b150026ff00750896040085e08122090b960100859a8122c00600ff0914a101859005847501
950315002501096105850944094681029505810175089501150026ff0009658102c0>
    | | | | | | "VendorID" = 0x4c
    | | | | | | "MaxFeatureReportSize" = 0x1
    | | | | | | "Product" = "Magic Keyboard"
    | | | | | | "SerialNumber" = "70-f0-87-21-ca-36"
    | | | | | | "Transport" = "Bluetooth"
    | | | | | | "Elements" =
({ "ReportID"=0x0, "ElementCookie"=0x1, "CollectionType"=0x1, "Type"=0x201, "VariableSize"=0x0, "Elements"=({ "VariableSiz
e"=0x0, "UnitExponent"=0x0, "IsRelative"=No, "UsagePage"=0xff00, "Max"=0xff, "IsArray"=No, "Type"=0x1, "Size"=0x20, "Min"
=0x0, "Flags"=0x22, "ReportID"=0xe0, "Usage"=0xb, "ReportCount"=0x1, "Unit"=0x0, "HasNullState"=No, "ReportSize"=0x20, "
HasPreferredState"=No, "IsNonLinear"=No, "ScaledMin"=0x0, "IsWrapping"=No, "ScaledMax"=0xff, "ElementCookie"=0xe},
{ "VariableSize"=0x0, "UnitExponent"=0x0, "IsRelative"=No, "UsagePage"=
    | | | | | | "ExtendedData" =
(0x30109a1,0x30209a1,0x30309a1,0x30409a1,0x33409a1,0x3b009a1,0x3b109a1,0x3b209a1,0x3b309a1,0x3b609a1)
    | | | | | | "ProductID" = 0x267
    | | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleHSBluetoothDriver"
    | | | | | | "DeviceUsagePairs" = ({ "DeviceUsagePage"=0xff00, "DeviceUsage"=0xb},
{ "DeviceUsagePage"=0xff00, "DeviceUsage"=0x14})
    | | | | | | "idVendor" = 0x4c
    | | | | | | "InputReportElements" =
({ "ReportID"=0xe0, "ElementCookie"=0x11, "Size"=0x28, "ReportCount"=0x1, "Type"=0x1, "VariableSize"=0x0, "UsagePage"=0
x0, "ReportSize"=0x28, "Usage"=0x0},
{ "ReportID"=0x9a, "ElementCookie"=0x12, "Size"=0x10, "ReportCount"=0x1, "Type"=0x1, "VariableSize"=0x0, "UsagePage"=0
x0, "ReportSize"=0x10, "Usage"=0x0},
{ "ReportID"=0x90, "ElementCookie"=0x13, "Size"=0x18, "ReportCount"=0x1, "Type"=0x1, "VariableSize"=0x0, "UsagePage"=0
x0, "ReportSize"=0x18, "Usage"=0x0})
    | | | | | | "ReportInterval" = 0x2bf2
    | | | | | | "VendorIDSource" = 0x1
    | | | | | | "KeyholeReportID" = 0xf0
    | | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleHSBluetoothDriver"
    | | | | | | "MaxOutputReportSize" = 0x1
    | | | | | | "IOCFPluginTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin", "40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin", "7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
    | | | | | | "IOProviderClass" = "AppleHSBluetoothInterface"
    | | | | | | "bInterfaceNumber" = 0x0
    | | | | | | "LocationID" = 0x721ca36
    | | | | | | "IOClass" = "AppleHSBluetoothHIDDriver"
    | | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHSBluetoothDriver"
    | | | | | | "PrimaryUsage" = 0xb
    | | | | | | "CountryCode" = 0x0
    | | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | | "IOProbeScore" = 0x15f90
    | | | | | | "idProductArray" = (0x265,0x267,0x269,0x26c)
    | | | | | | }
    | | | | | | }
    | | | | +-o IOHIDInterface <class IOHIDInterface, id 0x10000116b, registered, matched, active, busy 0 (502 ms), retain
9>
    | | | | | {
    | | | | | | "MaxOutputReportSize" = 0x1
    | | | | | | "DebugState" =
{ "ReleasedBuffers"=0x0, "ReportAvailableCalls"=0x0, "ReportAvailableRuns"=0x0, "CreatedBuffers"=0x0 }
    | | | | | | "VendorID" = 0x4c
    | | | | | | "CountryCode" = 0x0
    | | | | | | "IOServiceDEXTitlements" = ("com.apple.developer.driverkit.transport.hid")
    | | | | | | "Product" = "Magic Keyboard"
    | | | | | | "VersionNumber" = 0x0
    | | | | | | "PrimaryUsage" = 0xb
    | | | | | | "LocationID" = 0x721ca36
    | | | | | | "ProductID" = 0x267
    | | | | | | "DeviceUsagePairs" = ({ "DeviceUsagePage"=0xff00, "DeviceUsage"=0xb},
{ "DeviceUsagePage"=0xff00, "DeviceUsage"=0x14})
    | | | | | | "Transport" = "Bluetooth"
    | | | | | | "SerialNumber" = "70-f0-87-21-ca-36"
    | | | | | | "ReportInterval" = 0x2bf2
    | | | | | | "ReportDescriptor" =
```

```
<0600ff090ba1010600ff090b150026ff00750896040085e08122090b960100859a8122c00600ff0914a101859005847501
950315002501096105850944094681029505810175089501150026ff0009658102c0>
||| | | | "PrimaryUsagePage" = 0xff00
||| | | | "MaxFeatureReportSize" = 0x1
||| | | | "VendorIDSource" = 0x1
||| | | | "MaxInputReportSize" = 0x5
||| | | | }
||| | | | }
||| | | | +-o AppleDeviceManagementHIDEventService <class AppleDeviceManagementHIDEventService, id
0x10000116c, registered, matched, active, busy 0 (0 ms), retain 7>
||| | | | {
||| | | | "IOMatchedAtBoot" = Yes
||| | | | "LowBatteryNotificationPercentage" = 0x2
||| | | | "PrimaryUsagePage" = 0xff00
||| | | | "BatteryFaultNotificationType" = "KBBatteryFault"
||| | | | "HasBattery" = Yes
||| | | | "VendorID" = 0x4c
||| | | | "VersionNumber" = 0x0
||| | | | "Built-In" = No
||| | | | "DeviceAddress" = "70-f0-87-21-ca-36"
||| | | | "WakeReason" = "Host (0x01)"
||| | | | "Product" = "Magic Keyboard"
||| | | | "SerialNumber" = "70-f0-87-21-ca-36"
||| | | | "Transport" = "Bluetooth"
||| | | | "BatteryLowNotificationType" = "KBLowBattery"
||| | | | "ProductID" = 0x267
||| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0xb},
{"DeviceUsagePage"=0xff00,"DeviceUsage"=0x14})
||| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleTopCaseHIDEventDriver"
||| | | | "BatteryPercent" = 0x60
||| | | | "BD_ADDR" = <70f08721ca36>
||| | | | "BatteryStatusNotificationType" = "BatteryStatusChanged"
||| | | | "CriticallyLowBatteryNotificationPercentage" = 0x1
||| | | | "ReportInterval" = 0x2bf2
||| | | | "RadioFW Version" = 0x160
||| | | | "VendorIDSource" = 0x1
||| | | | "STFW Version" = 0x851
||| | | | "CFBundleIdentifier" = "com.apple.driver.AppleTopCaseHIDEventDriver"
||| | | | "IOProviderClass" = "IOHIDInterface"
||| | | | "LocationID" = 0x721ca36
||| | | | "BluetoothDevice" = Yes
||| | | | "IOClass" = "AppleDeviceManagementHIDEventService"
||| | | | "HIDServiceSupport" = No
||| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleTopCaseHIDEventDriver"
||| | | | "ProductIDArray" = (0x267)
||| | | | "BatteryStatusFlags" = 0x0
||| | | | "ColorID" = 0x0
||| | | | "IOMatchCategory" = "IODefaultMatchCategory"
||| | | | "CountryCode" = 0x0
||| | | | "IOProbeScore" = 0x1c07
||| | | | "PrimaryUsage" = 0xb
||| | | | "IOGeneralInterest" = "IOCommand is not serializable"
||| | | | "BTFW Version" = 0x160
||| | | | }
||| | | | }
||| | | | +-o IOHIDLibUserClient <class IOHIDLibUserClient, id 0x10000116d, !registered, !matched, active, busy 0,
retain 6>
||| | | | {
||| | | | "DebugState" =
{"MaxEnqueueReportSize"=0x2000,"EventQueueMap"={{"entrySize"=0x0,"QueueSize"=0x4000,"EnqueueErrorCount"=0x
0,"head"=0x0,"UsagePercentHist"={{"100"=0x0,"60"=0x0,"50"=0x0,"0"=0x0,"40"=0x0,"30"=0x0,"90"=0x0,"20"=0x0,"80"=
0x0,"10"=0x0,"70"=0x0},"tail"=0x0,"numEntries"=0x0}},"ClientOpened"=Yes,"Privileged"=Yes}
||| | | | "IOUserClientCreator" = "pid 1406, ioupsd"
||| | | | "IOUserClientDefaultLocking" = Yes
||| | | | }
||| | | | }
||| | | | +-o Keyboard / Boot@1 <class AppleHSBluetoothInterface, id 0x100001164, registered, matched, active, busy 0
(76 ms), retain 9>
||| | | | {
||| | | | "bInterfaceNumber" = 0x1
||| | | | "KeyholeReportID" = 0xf1
||| | | | "idProduct" = 0x267
||| | | | "Bluetooth Product Name" = "Magic Keyboard"
||| | | | "VendorIDSource" = 0x1
||| | | | "idVendor" = 0x4c
||| | | | "LocationID" = 0x721ca36
||| | | | }
||| | | | }
||| | | | +-o AppleHSBluetoothHIDDriver <class AppleHSBluetoothHIDDriver, id 0x10000116f, registered, matched,
active, busy 0 (73 ms), retain 10>
||| | | | {
||| | | | "IOMatchedAtBoot" = Yes
||| | | | "PrimaryUsagePage" = 0x1
||| | | | "MaxInputReportSize" = 0x41
||| | | | "IOUserClientClass" = "IOHIDLibUserClient"
||| | | | "VersionNumber" = 0x0
||| | | | "ReportDescriptor" =
<05010906a1018501050719e029e7150025017501950881029501750881019505750105081901290591029501750391019
5067508150026ff000507190029ff8100050c7501950109b815002501810205ff0903750795018102c0050c0901a1018552
150025017501950109cd810209b3810209b4810209b5810209b68102810181018101850915002501750895010601ff090b
b10275089502b101c00600ff0906a1010600ff0906150026ff0075089540853f8122c0>
||| | | | "VendorID" = 0x4c
||| | | | "MaxFeatureReportSize" = 0x4
||| | | | "RequiresTCCAuthorization" = Yes
||| | | | "Product" = "Magic Keyboard"
||| | | | "SerialNumber" = "70-f0-87-21-ca-36"
||| | | | "Transport" = "Bluetooth"
||| | | | "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"={{"VariableSiz
e"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x7,"Max"=0x1,"IsArray"=No,"Type"=0x2,"Size"=0x1,"Min"=0x0,
"Flags"=0x2,"ReportID"=0x1,"Usage"=0xe0,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x1,"HasPref
erredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x1,"ElementCookie"=0xe},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x7,$
||| | | | "ProductID" = 0x267
||| | | | "IOPersonalityPublisher" = "com.apple.driver.AppleHSBluetoothDriver"
||| | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x6},
{"DeviceUsagePage"=0xc,"DeviceUsage"=0x1},{"DeviceUsagePage"=0xff00,"DeviceUsage"=0x6})
||| | | | "idVendor" = 0x4c
```

```
    | | | | "InputReportElements" =
({{"ReportID"=0x1,"ElementCookie"=0x12b,"Size"=0x50,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0
x0,"ReportSize"=0x50,"Usage"=0x0},
{"ReportID"=0x52,"ElementCookie"=0x12c,"Size"=0x10,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=
0x0,"ReportSize"=0x10,"Usage"=0x0},
{"ReportID"=0x9,"ElementCookie"=0x12d,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x
0,"ReportSize"=0x8,"Usage"=0x0},{"ReportID"=0x3f,"ElementCookie"=0x12e,"Size"=0x208,"ReportCount"=0x$
| | | | "ReportInterval" = 0x2bf2
| | | | "VendorIDSource" = 0x1
| | | | "KeyholeReportID" = 0xf1
| | | | "CFBundleIdentifier" = "com.apple.driver.AppleHSBluetoothDriver"
| | | | "MaxOutputReportSize" = 0x2
| | | | "IOCFPlugInTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin",40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin",7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
| | | | "IOProviderClass" = "AppleHSBluetoothInterface"
| | | | "bInterfaceNumber" = 0x1
| | | | "LocationID" = 0x721ca36
| | | | "IOClass" = "AppleHSBluetoothHIDDriver"
| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHSBluetoothDriver"
| | | | "PrimaryUsage" = 0x6
| | | | "CountryCode" = 0x21
| | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | "DeviceOpenedByEventSystem" = Yes
| | | | "IOMatchCategory" = "IODefaultMatchCategory"
| | | | "IOProbeScore" = 0x15ba8
| | | | "idProductArray" = (0x265,0x267,0x269,0x26c)
| | | | }
| | | | }
| | | | +-o IOHIDInterface <class IOHIDInterface, id 0x100001171, registered, matched, active, busy 0 (72 ms), retain
9>
| | | | {
| | | | | "Transport" = "Bluetooth"
| | | | | "Product" = "Magic Keyboard"
| | | | | "MaxInputReportSize" = 0x41
| | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x6},
{"DeviceUsagePage"=0xc,"DeviceUsage"=0x1},{"DeviceUsagePage"=0xff00,"DeviceUsage"=0x6})
| | | | | "VendorIDSource" = 0x1
| | | | | "MaxOutputReportSize" = 0x2
| | | | | "ReportDescriptor" =
<05010906a1018501050719e029e7150025017501950881029501750881019505750105081901290591029501750391019
5067508150026ff000507190029ff8100050c7501950109b815002501810205ff0903750795018102c0050c0901a1018552
150025017501950109cd810209b3810209b4810209b5810209b6810281018101850915002501750895010601ff090b
b10275089502b101c00600ff0906a1010600ff0906150026ff0075089540853f8122c0>
| | | | | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
| | | | | "CountryCode" = 0x21
| | | | | "VendorID" = 0x4c
| | | | | "VersionNumber" = 0x0
| | | | | "IOServiceDEXTEntitlements" = ("com.apple.developer.driverkit.transport.hid")
| | | | | "IOEXTMatchCount" = 0x1
| | | | | "PrimaryUsage" = 0x6
| | | | | "LocationID" = 0x721ca36
| | | | | "ProductID" = 0x267
| | | | | "SerialNumber" = "70-f0-87-21-ca-36"
| | | | | "ReportInterval" = 0x2bf2
| | | | | "PrimaryUsagePage" = 0x1
| | | | | "DeviceOpenedByEventSystem" = Yes
| | | | | "MaxFeatureReportSize" = 0x4
| | | | | }
| | | | | }
| | | | | +-o AppleHIDKeyboardEventDriverV2 <class AppleHIDKeyboardEventDriverV2, id 0x100001173, registered,
matched, active, busy 0 (1 ms), retain 8>
| | | | | {
| | | | | | "HIDKeyboardSupportsEscKey" = Yes
| | | | | | "HIDServiceSupport" = Yes
| | | | | | "IOMatchedAtBoot" = Yes
| | | | | | "PrimaryUsagePage" = 0x1
| | | | | | "SensorProperties" = {}
| | | | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
| | | | | | "VersionNumber" = 0x0
| | | | | | "VendorID" = 0x4c
| | | | | | "FnFunctionUsageMap" =
"0x0007003a,0xff010021,0x0007003b,0xff010020,0x0007003c,0xff010010,0x0007003d,0xff010004,0x00070040,0x000
c00b4,0x00070041,0x000c00cd,0x00070042,0x000c00b3,0x00070043,0x000c00e2,0x00070044,0x000c00ea,0x00070
045,0x000c00e9"
| | | | | | "DebugState" = {}
| | | | | | "IOGeneralInterest" = "IOCommand is not serializable"
| | | | | | "FnModifierUsagePage" = 0xff
| | | | | | "KeyboardEnabled" = Yes
| | | | | | "Product" = "Magic Keyboard"
| | | | | | "SerialNumber" = "70-f0-87-21-ca-36"
| | | | | | "Transport" = "Bluetooth"
| | | | | | "DualTransport" = Yes
| | | | | | "HIDKeyboardSupportedModifiers" = 0x19e20ff
| | | | | | "GameControllerType" = 0x0
| | | | | | "Keyboard" =
{"Elements"=({"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x7,"Max"=0x1,"IsArray"=No,"Type"
=0x2,"Size"=0x1,"Min"=0x0,"Flags"=0x2,"ReportID"=0x1,"Usage"=0xe0,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,
"ReportSize"=0x1,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x1,"Elemen
tCookie"=0xe),
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x7,"Max"=0x1,"IsArray"=No,"Type"=0x2,"Size"=0
x1,"Min"=0x0,"Flags"=0x2,"ReportID"=0x1,"Usa$
| | | | | | "LED" =
{"Elements"=({"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x8,"Max"=0x1,"IsArray"=No,"Type"
=0x81,"Size"=0x1,"Min"=0x0,"Flags"=0x2,"ReportID"=0x1,"Usage"=0x1,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,
"ReportSize"=0x1,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x1,"Elemen
tCookie"=0x123},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x8,"Max"=0x1,"IsArray"=No,"Type"=0x81,"Size"=
0x1,"Min"=0x0,"Flags"=0x2,"ReportID"=0x1,"Usage$
| | | | | | "FnKeyboardUsageMap" =
"0x00070050,0x0007004a,0x00070052,0x0007004b,0x0007002a,0x0007004c,0x0007004f,0x0007004d,0x00070051,0x
0007004e,0x00070028,0x00070058"
| | | | | | "ProductID" = 0x267
| | | | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x6},
{"DeviceUsagePage"=0xc,"DeviceUsage"=0x1},{"DeviceUsagePage"=0xff00,"DeviceUsage"=0x6})
| | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleTopCaseHIDEventDriver"
| | | | | | "KeyboardLanguage" = "U.S."
```

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    | | | | | "GameControllerPointer" =
{"Elements"={("VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x8,"Max"=0x1,"IsArray"=No,"Type"
=0x81,"Size"=0x1,"Min"=0x0,"Flags"=0x2,"ReportID"=0x1,"Usage"=0x1,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,
"ReportSize"=0x1,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x1,"Elemen
tCookie"=0x123),
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x8,"Max"=0x1,"IsArray"=No,"Type"=0x81,"Size"=
0x1,"Min"=0x0,"Flags"=0x2,"Re$
    | | | | | "ReportInterval" = 0x2bf2
    | | | | | "CapsLockLanguageSwitch" = No
    | | | | | "VendorIDSource" = 0x1
    | | | | | "NumLockKeyboardUsageMap" =
"0x00070029,0x00070029,0x0007002a,0x0007002a,0x0007002b,0x0007002b,0x0007003a,0x0007003a,0x0007003b,0x
0007003b,0x0007003c,0x0007003c,0x0007003d,0x0007003d,0x0007003e,0x0007003e,0x0007003f,0x0007003f,0x000
70040,0x00070040,0x00070041,0x00070041,0x00070042,0x00070042,0x00070043,0x00070043,0x00070044,0x00070
044,0x00070045,0x00070045,0x0007004a,0x0007004a,0x0007004b,0x0007004b,0x0007004c,0x0007004c,0x0007004d,0x0007004d,0x0007004e,0x0007004e,0x0007004f,0x0007004f,0x00070050,0x00070050,0x00070051$
    | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleHIDKeyboard"
    | | | | | "HIDKeyboardKeysDefined" = Yes
    | | | | | "IOCFPluginTypes" = {"7DDEECA8-A7B4-11D4-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
    | | | | | "IOProviderClass" = "IOHIDInterface"
    | | | | | "HIDEventServiceProperties" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"={}},"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"={("BehaviorID"=0x1)}},"HI
DPointerAcceleration"=0xb000,"UserPreferenc$
    | | | | | "LocationID" = 0x721ca36
    | | | | | "alt_handler_id" = 0x31
    | | | | | "IOClass" = "AppleHIDKeyboardEventDriverV2"
    | | | | | "CapsLockDelay" = 0x4b
    | | | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHIDKeyboard"
    | | | | | "ProductIDArray" = (0x267)
    | | | | | "FnModifierUsage" = 0x3
    | | | | | "SensorPropertySupported" = 0x0
    | | | | | "IOMatchCategory" = "IODefaultMatchCategory"
    | | | | | "StandardType" = 0x0
    | | | | | "IOProbeScore" = 0x1c07
    | | | | | "AppleVendorSupported" = Yes
    | | | | | "CountryCode" = 0x21
    | | | | | "PrimaryUsage" = 0x6
    | | | | | }
    | | | | | }
    | | | | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100001176, !registered, !
matched, active, busy 0, retain 6>
    | | | | | {
    | | | | | "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    | | | | | "IOUserClientCreator" = "pid 420, WindowServer"
    | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | +-o IOHIDLibUserClient <class IOHIDLibUserClient, id 0x100001172, !registered, !matched, active, busy 0,
retain 6>
    | | | | | {
    | | | | | "DebugState" =
{"MaxEnqueueReportSize"=0x2000,"EventQueueMap"={"entrySize"=0x0,"QueueSize"=0x4000,"EnqueueErrorCount"=0x
0,"head"=0x0,"UsagePercentHist"={"100"=0x0,"60"=0x0,"50"=0x0,"0"=0x0,"40"=0x0,"30"=0x0,"90"=0x0,"20"=0x0,"80"=
0x0,"10"=0x0,"70"=0x0},"tail"=0x0,"numEntries"=0x0},"ClientOpened"=Yes,"Privileged"=Yes}
    | | | | | "IOUserClientCreator" = "pid 537, TouchBarServer"
    | | | | | "IOUserClientDefaultLocking" = Yes
    | | | | | }
    | | | | | +-o Accelerometer@2 <class AppleHSBluetoothInterface, id 0x100001165, registered, matched, active, busy 0 (6
ms), retain 9>
    | | | | | {
    | | | | | "bInterfaceNumber" = 0x2
    | | | | | "KeyholeReportID" = 0xf2
    | | | | | "idProduct" = 0x267
    | | | | | "Bluetooth Product Name" = "Magic Keyboard"
    | | | | | "VendorIDSource" = 0x1
    | | | | | "idVendor" = 0x4c
    | | | | | "LocationID" = 0x721ca36
    | | | | | }
    | | | | | +-o AppleHSBluetoothHIDDriver <class AppleHSBluetoothHIDDriver, id 0x100001177, registered, matched,
active, busy 0 (5 ms), retain 8>
    | | | | | {
    | | | | | "IOMatchedAtBoot" = Yes
    | | | | | "PrimaryUsagePage" = 0xff00
    | | | | | "MaxInputReportSize" = 0x6c
    | | | | | "IOUserClientClass" = "IOHIDLibUserClient"
    | | | | | "VersionNumber" = 0x0
    | | | | | "ReportDescriptor" = <0600ff0903a1010600ff0903150026ff0085c0966b0075088102c0>
    | | | | | "VendorID" = 0x4c
    | | | | | "MaxFeatureReportSize" = 0x1
    | | | | | "Product" = "Magic Keyboard"
    | | | | | "SerialNumber" = "70-f0-87-21-ca-36"
    | | | | | "Transport" = "Bluetooth"
    | | | | | "Elements" =
{"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"={("VariableSiz
e"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0xff00,"Max"=0xff,"IsArray"=No,"Type"=0x1,"Size"=0x358,"Min
"=0x0,"Flags"=0x2,"ReportID"=0xc0,"Usage"=0x3,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"ReportSize"=0x358,
"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0xff,"ElementCookie"=0x6)},
"UsagePage"=0xff00,"Usage"=0x3,("VariableSize"=0x0,"UnitExpon$
    | | | | | "ProductID" = 0x267
    | | | | | "IOPersonalityPublisher" = "com.apple.driver.AppleHSBluetoothDriver"
    | | | | | "DeviceUsagePairs" = {"DeviceUsagePage"=0xff00,"DeviceUsage"=0x3}
    | | | | | "idVendor" = 0x4c
    | | | | | "InputReportElements" =
{"ReportID"=0xc0,"ElementCookie"=0x7,"Size"=0x360,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=
0x0,"ReportSize"=0x360,"Usage"=0x0})
    | | | | | "ReportInterval" = 0x2bf2
    | | | | | "VendorIDSource" = 0x1
    | | | | | "KeyholeReportID" = 0xf2
    | | | | | "CFBundleIdentifier" = "com.apple.driver.AppleHSBluetoothDriver"
    | | | | | "MaxOutputReportSize" = 0x1
    | | | | | "IOCFPluginTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
```

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IOHIDLib.plugin", "40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin", "7DDECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | | | "IOProviderClass" = "AppleHSBluetoothInterface"
|| | | | "bInterfaceNumber" = 0x2
|| | | | "LocationID" = 0x721ca36
|| | | | "IOClass" = "AppleHSBluetoothHIDDriver"
|| | | | "CFBundleIdentifierKernel" = "com.apple.driver.AppleHSBluetoothDriver"
|| | | | "PrimaryUsage" = 0x3
|| | | | "CountryCode" = 0x0
|| | | | "IOMatchCategory" = "IODefaultMatchCategory"
|| | | | "IOProbeScore" = 0x15ba8
|| | | | "idProductArray" = (0x265,0x267,0x269,0x26c)
|| | | | }
|| | | |
|| | | | +-o IOHIDInterface <class IOHIDInterface, id 0x100001179, registered, matched, active, busy 0 (4 ms), retain
6>
|| | | | {
|| | | |     "MaxOutputReportSize" = 0x1
|| | | |     "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
|| | | |     "VendorID" = 0x4c
|| | | |     "CountryCode" = 0x0
|| | | |     "IOServiceDXTentitlements" = ("com.apple.developer.driverkit.transport.hid")
|| | | |     "Product" = "Magic Keyboard"
|| | | |     "VersionNumber" = 0x0
|| | | |     "PrimaryUsage" = 0x3
|| | | |     "LocationID" = 0x721ca36
|| | | |     "ProductID" = 0x267
|| | | |     "DeviceUsagePairs" = ({"DeviceUsagePage"=0xff00,"DeviceUsage"=0x3})
|| | | |     "Transport" = "Bluetooth"
|| | | |     "SerialNumber" = "70-f0-87-21-ca-36"
|| | | |     "ReportInterval" = 0x2bf2
|| | | |     "ReportDescriptor" = <0600ff0903a1010600ff0903150026ff0085c0966b0075088102c0>
|| | | |     "PrimaryUsagePage" = 0xff00
|| | | |     "MaxFeatureReportSize" = 0x1
|| | | |     "VendorIDSource" = 0x1
|| | | |     "MaxInputReportSize" = 0x6c
|| | | | }
|| | | |
|| | | | +-o IOHIDInterface <class IOHIDInterface, id 0x100001169, registered, matched, active, busy 0 (4 ms), retain 6>
|| | | | {
|| | | |     "Transport" = "Bluetooth"
|| | | |     "HIDDefaultBehavior" = "Keyboard"
|| | | |     "Manufacturer" = "Apple"
|| | | |     "Product" = "Mark Jensen's Keyboard"
|| | | |     "MaxInputReportSize" = 0xa
|| | | |     "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x6},
{"DeviceUsagePage"=0xff00,"DeviceUsage"=0x14})
|| | | |     "VendorIDSource" = 0x1
|| | | |     "MaxOutputReportSize" = 0x2
|| | | |     "ReportDescriptor" =
<05010906a101850105071500250119e029e77501950881029505750105081901290591029501750391039508750115002
5010600ff09038103950675081500256505071900296581009501750115002501050c09b88102950175010601ff0903810
29501750681030602ff09558555150026ff0075089540b1a2c00600ff0914a101859005847501950315002501096105850
944094681029505810175089501150026ff0009658102c0>
|| | | |     "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
|| | | |     "CountryCode" = 0x0
|| | | |     "VendorID" = 0x4c
|| | | |     "VersionNumber" = 0x160
|| | | |     "IOServiceDXTentitlements" = ("com.apple.developer.driverkit.transport.hid")
|| | | |     "PrimaryUsage" = 0x6
|| | | |     "LocationID" = 0x721ca36
|| | | |     "ProductID" = 0x267
|| | | |     "SerialNumber" = "70-f0-87-21-ca-36"
|| | | |     "ReportInterval" = 0x2bf2
|| | | |     "PrimaryUsagePage" = 0x1
|| | | |     "MaxFeatureReportSize" = 0x41
|| | | | }
|| | | |
|| | | | +-o IOBluetoothL2CAPChannel <class IOBluetoothL2CAPChannel, id 0x10000115f, registered, matched, active, busy
0 (1 ms), retain 7>
|| | | | {
|| | | |     "LocalChannelID" = 0x407
|| | | |     "BluetoothObjectID" = 0x8
|| | | |     "RemoteChannelID" = 0x407
|| | | |     "OutgoingMTU" = 0x30
|| | | |     "PSM" = 0x13
|| | | |     "ChannelState" = 0x4
|| | | |     "IncomingMTU" = 0x30
|| | | |     "IsInitiator" = No
|| | | | }
|| | | |
|| | | | +-o IOBluetoothHostControllerPCIETransport <class IOBluetoothHostControllerPCIETransport, id 0x100000242, !
registered, !matched, active, busy 0, retain 4>
|| | | | {
|| | | |     "IOProbeScore" = 0x0
|| | | |     "CFBundleIdentifier" = "com.apple.driver.IOBluetoothHostControllerPCIETransport"
|| | | |     "IOMatchCategory" = "IOBluetoothHostControllerPCIETransport"
|| | | |     "IOClass" = "IOBluetoothHostControllerPCIETransport"
|| | | |     "IOPersonalityPublisher" = "com.apple.driver.IOBluetoothHostControllerPCIETransport"
|| | | |     "IOProviderClass" = "IOResources"
|| | | |     "CFBundleIdentifierKernel" = "com.apple.driver.IOBluetoothHostControllerPCIETransport"
|| | | |     "IOMatchedAtBoot" = Yes
|| | | |     "IOResourceMatch" = "IOKit"
|| | | | }
|| | | |
|| | | | +-o IOBluetoothHostControllerTransport <class IOBluetoothHostControllerTransport, id 0x100000243, !registered, !
matched, active, busy 0, retain 4>
|| | | | {
|| | | |     "IOProbeScore" = 0x0
|| | | |     "CFBundleIdentifier" = "com.apple.iokit.IOBluetoothHostControllerTransport"
|| | | |     "IOMatchCategory" = "IOBluetoothHostControllerTransport"
|| | | |     "IOClass" = "IOBluetoothHostControllerTransport"
|| | | |     "IOPersonalityPublisher" = "com.apple.iokit.IOBluetoothHostControllerTransport"
|| | | |     "IOProviderClass" = "IOResources"
|| | | |     "CFBundleIdentifierKernel" = "com.apple.iokit.IOBluetoothHostControllerTransport"
|| | | |     "IOMatchedAtBoot" = Yes

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|| "IOResourceMatch" = "IOKit"
|| }
||
|+o IOBluetoothHostControllerUARTTransport <class IOBluetoothHostControllerUARTTransport, id 0x100000244, !
registered, !matched, active, busy 0, retain 4>
|| {
|| "IOProbeScore" = 0x0
|| "CFBundleIdentifier" = "com.apple.iokit.IOBluetoothHostControllerUARTTransport"
|| "IOMatchCategory" = "IOBluetoothHostControllerUARTTransport"
|| "IOClass" = "IOBluetoothHostControllerUARTTransport"
|| "IOPersonalityPublisher" = "com.apple.iokit.IOBluetoothHostControllerUARTTransport"
|| "IOProviderClass" = "IOResources"
|| "CFBundleIdentifierKernel" = "com.apple.iokit.IOBluetoothHostControllerUARTTransport"
|| "IOMatchedAtBoot" = Yes
|| "IOResourceMatch" = "IOKit"
|| }
||
|+o IOBluetoothHostControllerUSBTransport <class IOBluetoothHostControllerUSBTransport, id 0x100000245, !
registered, !matched, active, busy 0, retain 4>
|| {
|| "IOProbeScore" = 0x0
|| "CFBundleIdentifier" = "com.apple.iokit.IOBluetoothHostControllerUSBTransport"
|| "IOMatchCategory" = "IOBluetoothHostControllerUSBTransport"
|| "IOClass" = "IOBluetoothHostControllerUSBTransport"
|| "IOPersonalityPublisher" = "com.apple.iokit.IOBluetoothHostControllerUSBTransport"
|| "IOProviderClass" = "IOResources"
|| "CFBundleIdentifierKernel" = "com.apple.iokit.IOBluetoothHostControllerUSBTransport"
|| "IOMatchedAtBoot" = Yes
|| "IOResourceMatch" = "IOKit"
|| }
||
|+o IOBluetoothSerialManager <class IOBluetoothSerialManager, id 0x100000246, !registered, !matched, active, busy
0, retain 4>
|| {
|| "IOProbeScore" = 0x0
|| "CFBundleIdentifier" = "com.apple.iokit.IOBluetoothSerialManager"
|| "IOMatchCategory" = "IOBluetoothSerialManager"
|| "IOClass" = "IOBluetoothSerialManager"
|| "IOPersonalityPublisher" = "com.apple.iokit.IOBluetoothSerialManager"
|| "IOProviderClass" = "IOResources"
|| "CFBundleIdentifierKernel" = "com.apple.iokit.IOBluetoothSerialManager"
|| "IOMatchedAtBoot" = Yes
|| "IOResourceMatch" = "IOKit"
|| }
||
|+o IODisplayWrangler <class IODisplayWrangler, id 0x100000247, registered, matched, active, busy 0 (0 ms), retain
5>
|| {
|| "IOClass" = "IODisplayWrangler"
|| "CFBundleIdentifier" = "com.apple.iokit.IOGraphicsFamily"
|| "IOProviderClass" = "IOResources"
|| "IOGraphicsIgnoreParameters" = {"aupc"=Yes,"auph"=Yes,"bpc"=Yes,"aums"=Yes,"aupp"=Yes}
|| "IOGraphicsPrefsParameters" =
{"thue"=Yes,"pscn"=Yes,"vbst"=Yes,"oscn"=Yes,"tbri"=Yes,"cyuv"=0x10000000,"tsat"=Yes}
|| "IOResourceMatch" = "IOKit"
|| "IOProbeScore" = 0x0
|| "IOMatchCategory" = "IOGraphics"
|| "IOMatchedAtBoot" = Yes
|| "IOGeneralInterest" = "IOCommand is not serializable"
|| "IOPersonalityPublisher" = "com.apple.iokit.IOGraphicsFamily"
|| "CFBundleIdentifierKernel" = "com.apple.iokit.IOGraphicsFamily"
|| }
||
|+o IOHDIXController <class IOHDIXController, id 0x100000248, registered, matched, active, busy 0 (12 ms), retain 5>
|| {
|| "IOClass" = "IOHDIXController"
|| "CFBundleIdentifier" = "com.apple.driver.DiskImages"
|| "IOProviderClass" = "IOResources"
|| "Product Name" = "Disk Image Driver for MacOS X"
|| "IOUserClientClass" = "IOHDIXControllerUserClient"
|| "IOResourceMatch" = "IOKit"
|| "IOProbeScore" = 0x0
|| "IOMatchedAtBoot" = Yes
|| "IOMatchCategory" = "IOHDIXController"
|| "revision" = "623.100.1"
|| "Vendor Name" = "Apple"
|| "Product Revision Level" = "623.100.1"
|| "di-root-image-result" = 0x0
|| "vendor" = "Apple"
|| "IOPersonalityPublisher" = "com.apple.driver.DiskImages"
|| "di-root-image-devname" = "disk4s1"
|| "CFBundleIdentifierKernel" = "com.apple.driver.DiskImages"
|| "di-root-image-devt" = 0x1000015
|| "model" = "Disk Image Driver for MacOS X"
|| }
||
|+o IOKitRegistryCompatibility <class IOKitRegistryCompatibility, id 0x100000249, !registered, !matched, active, busy
0 (0 ms), retain 6>
|| {
|| "IOProbeScore" = 0x0
|| "CFBundleIdentifier" = "com.apple.iokit.IOKitRegistryCompatibility"
|| "IOMatchCategory" = "IOKitRegistryCompatibility"
|| "IOClass" = "IOKitRegistryCompatibility"
|| "IOPersonalityPublisher" = "com.apple.iokit.IOKitRegistryCompatibility"
|| "Entries" = {"IOName"="display","IOClass"="IOPCIDevice","class-
code"="<00000300>","model"="<556e6b6e6f776e20556e6b6e6f776e00>","device-id"="<10680000>","vendor-
id"="<02100000>","revision-id"="<00000000>","subsystem-id"="<00000000>"},
{"IOClass"="IOFramebuffer","IOName"="IOFB","ParentIndex"=0x0},
{"IOName"="IOAccelerator","CFBundleIdentifier"="com.unknown.bundle","ParentIndex"=0x0,"IOClass"="IOAccelerator","P
erformanceStatistics"={"vramFreeBytes"=0xf00000},"IOGLBundleName"="AppleMetalGLRenderer","MetalPluginName"="A
GXMetalA12","VRAM,totalMB"=0x4$
|| "IOProviderClass" = "IOResources"
|| "CFBundleIdentifierKernel" = "com.apple.iokit.IOKitRegistryCompatibility"
|| "IOMatchedAtBoot" = Yes
|| "IOResourceMatch" = "IOKit"
|| }
||
|+o display <class IOServiceCompatibility, id 0x100000295, registered, matched, active, busy 0 (0 ms), retain 7>

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|||| {
|||| "IOCompatibilityProperties" = {"IOName"="display","IOClass"="IOPCIDevice","class-
code"=<00000300>,"model"=<556e6b6e6f776e20556e6b6e6f776e00>,"device-id"=<10680000>,"vendor-
id"=<02100000>,"revision-id"=<00000000>,"subsystem-id"=<00000000>}
|||| }
|||| }
|||| +-o IOFB <class IOServiceCompatibility, id 0x100000296, registered, matched, active, busy 0 (0 ms), retain 5>
|||| {
|||| "IOCompatibilityProperties" = {"IOClass"="IOFramebuffer","IOName"="IOFB","ParentIndex"=0x0}
|||| }
|||| }
|||| +-o IOAccelerator <class IOServiceCompatibility, id 0x100000297, registered, matched, active, busy 0 (0 ms), retain
5>
|||| {
|||| "IOCompatibilityProperties" =
{"IOName"="IOAccelerator","CFBundleIdentifier"="com.unknown.bundle","ParentIndex"=0x0,"IOClass"="IOAccelerator","P
erformanceStatistics"={"vramFreeBytes"=0xf00000},"IOGLBundleName"="AppleMetalGLRenderer","MetalPluginName"="A
GXMetalA12","VRAM,totalMB"=0x4000}
|||| }
|||| }
|||| +-o platform <class IOServiceCompatibility, id 0x100000298, registered, matched, active, busy 0 (0 ms), retain 5>
|||| {
|||| "IOCompatibilityProperties" = {"IOClass"="IOService","IOName"="platform","IOPath"="IODeviceTree:/efi/
platform","system-id"=<dc31d7e0351aea58b1b44cfc314aa1e6>}
|||| }
|||| }
|||| +-o IOReportHub <class IOReportHub, id 0x10000024a, registered, matched, active, busy 0 (1 ms), retain 23>
|||| {
|||| "IOProbeScore" = 0x0
|||| "CFBundleIdentifier" = "com.apple.iokit.IOReportFamily"
|||| "IOMatchCategory" = "IOReportHub"
|||| "IOClass" = "IOReportHub"
|||| "IOPersonalityPublisher" = "com.apple.iokit.IOReportFamily"
|||| "IOProviderClass" = "IOResources"
|||| "CFBundleIdentifierKernel" = "com.apple.iokit.IOReportFamily"
|||| "IOMatchedAtBoot" = Yes
|||| "IOUserClientClass" = "IOReportUserClient"
|||| "IOResourceMatch" = "IOKit"
|||| }
|||| }
|||| +-o IOReportUserClient <class IOReportUserClient, id 0x100000a49, !registered, !matched, active, busy 0, retain 5>
|||| {
|||| "IOUserClientCreator" = "pid 385, thermalmonitord"
|||| "IOUserClientDefaultLocking" = Yes
|||| }
|||| }
|||| +-o IOReportUserClient <class IOReportUserClient, id 0x100000a4a, !registered, !matched, active, busy 0, retain 5>
|||| {
|||| "IOUserClientCreator" = "pid 385, thermalmonitord"
|||| "IOUserClientDefaultLocking" = Yes
|||| }
|||| }
|||| +-o IOReportUserClient <class IOReportUserClient, id 0x100000b99, !registered, !matched, active, busy 0, retain 5>
|||| {
|||| "IOUserClientCreator" = "pid 403, PerfPowerService"
|||| "IOUserClientDefaultLocking" = Yes
|||| }
|||| }
|||| +-o IOReportUserClient <class IOReportUserClient, id 0x100000d71, !registered, !matched, active, busy 0, retain 5>
|||| {
|||| "IOUserClientCreator" = "pid 788, CAReportingServi"
|||| "IOUserClientDefaultLocking" = Yes
|||| }
|||| }
|||| +-o IOReportUserClient <class IOReportUserClient, id 0x100000d72, !registered, !matched, active, busy 0, retain 5>
|||| {
|||| "IOUserClientCreator" = "pid 788, CAReportingServi"
|||| "IOUserClientDefaultLocking" = Yes
|||| }
|||| }
|||| +-o IOReportUserClient <class IOReportUserClient, id 0x100000d73, !registered, !matched, active, busy 0, retain 5>
|||| {
|||| "IOUserClientCreator" = "pid 788, CAReportingServi"
|||| "IOUserClientDefaultLocking" = Yes
|||| }
|||| }
|||| +-o IOReportUserClient <class IOReportUserClient, id 0x100000d74, !registered, !matched, active, busy 0, retain 5>
|||| {
|||| "IOUserClientCreator" = "pid 788, CAReportingServi"
|||| "IOUserClientDefaultLocking" = Yes
|||| }
|||| }
|||| +-o IOReportUserClient <class IOReportUserClient, id 0x100000d75, !registered, !matched, active, busy 0, retain 5>
|||| {
|||| "IOUserClientCreator" = "pid 788, CAReportingServi"
|||| "IOUserClientDefaultLocking" = Yes
|||| }
|||| }
|||| +-o IOReportUserClient <class IOReportUserClient, id 0x100000dbc, !registered, !matched, active, busy 0, retain 5>
|||| {
|||| "IOUserClientCreator" = "pid 353, systemstats"
|||| "IOUserClientDefaultLocking" = Yes
|||| }
|||| }
|||| +-o IOReportUserClient <class IOReportUserClient, id 0x100000dbd, !registered, !matched, active, busy 0, retain 5>
|||| {
|||| "IOUserClientCreator" = "pid 353, systemstats"
|||| "IOUserClientDefaultLocking" = Yes
|||| }
|||| }
|||| +-o IOReportUserClient <class IOReportUserClient, id 0x100000dbe, !registered, !matched, active, busy 0, retain 5>
|||| {
|||| "IOUserClientCreator" = "pid 353, systemstats"
|||| "IOUserClientDefaultLocking" = Yes
|||| }
|||| }
|||| +-o IOReportUserClient <class IOReportUserClient, id 0x100000ee8, !registered, !matched, active, busy 0, retain 5>
|||| {
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||| "IOUserClientCreator" = "pid 403, PerfPowerService"
||| "IOUserClientDefaultLocking" = Yes
||| }
||| }
||+o IOReportUserClient <class IOReportUserClient, id 0x100000f70, !registered, !matched, active, busy 0, retain 5>
||| {
||| "IOUserClientCreator" = "pid 403, PerfPowerService"
||| "IOUserClientDefaultLocking" = Yes
||| }
||| }
||+o IOReportUserClient <class IOReportUserClient, id 0x100000f71, !registered, !matched, active, busy 0, retain 5>
||| {
||| "IOUserClientCreator" = "pid 403, PerfPowerService"
||| "IOUserClientDefaultLocking" = Yes
||| }
||| }
||+o IOReportUserClient <class IOReportUserClient, id 0x100000f73, !registered, !matched, active, busy 0, retain 5>
||| {
||| "IOUserClientCreator" = "pid 403, PerfPowerService"
||| "IOUserClientDefaultLocking" = Yes
||| }
||| }
||+o IOReportUserClient <class IOReportUserClient, id 0x100000f76, !registered, !matched, active, busy 0, retain 5>
||| {
||| "IOUserClientCreator" = "pid 403, PerfPowerService"
||| "IOUserClientDefaultLocking" = Yes
||| }
||| }
||+o IOReportUserClient <class IOReportUserClient, id 0x100000f77, !registered, !matched, active, busy 0, retain 5>
||| {
||| "IOUserClientCreator" = "pid 403, PerfPowerService"
||| "IOUserClientDefaultLocking" = Yes
||| }
||| }
||+o IOReportUserClient <class IOReportUserClient, id 0x100000f78, !registered, !matched, active, busy 0, retain 5>
||| {
||| "IOUserClientCreator" = "pid 403, PerfPowerService"
||| "IOUserClientDefaultLocking" = Yes
||| }
||| }
||+o AppleUSBHostResources <class AppleUSBHostResources, id 0x10000024c, registered, matched, active, busy 0
(303 ms), retain 40>
||| {
||| "IOProbeScore" = 0x0
||| "CFBundleIdentifier" = "com.apple.iokit.IOUSBHostFamily"
||| "IOMatchCategory" = "AppleUSBHostResources"
||| "IOClass" = "AppleUSBHostResources"
||| "IOPersonalityPublisher" = "com.apple.iokit.IOUSBHostFamily"
||| "IOProviderClass" = "IOResources"
||| "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBHostFamily"
||| "IOMatchedAtBoot" = Yes
||| "UsbBusCurrentPoolID" = 0x10000024c
||| "IOGeneralInterest" = "IOCommand is not serializable"
||| "IOResourceMatch" = "IOKit"
||| }
||| }
||+o AppleUSBHostResourcesClient <class AppleUSBHostResourcesClient, id 0x10000029a, !registered, !matched,
active, busy 0, retain 5>
||| {
||| "IOProbeScore" = 0x1
||| "CFBundleIdentifier" = "com.apple.iokit.IOUSBHostFamily"
||| "IOProviderClass" = "AppleUSBHostResources"
||| "IOClass" = "AppleUSBHostResourcesClient"
||| "IOPersonalityPublisher" = "com.apple.iokit.IOUSBHostFamily"
||| "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBHostFamily"
||| "IOMatchedAtBoot" = Yes
||| "IOMatchCategory" = "IODefaultMatchCategory"
||| }
||| }
||+o AppleUSBUserHCIResources <class AppleUSBUserHCIResources, id 0x10000024e, registered, matched, active,
busy 0 (1 ms), retain 5>
||| {
||| "IOProbeScore" = 0x0
||| "CFBundleIdentifier" = "com.apple.driver.usb.AppleUSBUserHCI"
||| "IOMatchCategory" = "AppleUSBUserHCIResources"
||| "IOClass" = "AppleUSBUserHCIResources"
||| "IOPersonalityPublisher" = "com.apple.driver.usb.AppleUSBUserHCI"
||| "IOProviderClass" = "IOResources"
||| "CFBundleIdentifierKernel" = "com.apple.driver.usb.AppleUSBUserHCI"
||| "IOMatchedAtBoot" = Yes
||| "IOResourceMatch" = "IOKit"
||| }
||| }
||+o IOUSBMassStorageResource <class IOUSBMassStorageResource, id 0x10000024f, registered, matched, active,
busy 0 (2 ms), retain 7>
||| {
||| "IOClass" = "IOUSBMassStorageResource"
||| "CFBundleIdentifier" = "com.apple.iokit.IOUSBMassStorageDriver"
||| "IOProviderClass" = "IOResources"
||| "IOUserClientClass" = "IOUSBMassStorageUserClient"
||| "IOResourceMatch" = "IOKit"
||| "IOProbeScore" = 0x0
||| "IOMatchedAtBoot" = Yes
||| "IOMatchCategory" = "IOUSBMassStorageResource"
||| "Devices Referenced" = 0x2
||| "Device Stats" = {"058F6387"={"ON to OFF transition"=0x0,"RESET: Device Error"=0x0,"RESET: IO Timed
Out"=0x0,"RESET: Command Phase Error"=0x0,"Number Of InterfaceNubs"=0x1,"UAS Reset: Stream Status
Failure"=0x0,"bInterfaceProtocol"=0x50,"RESET: Device Unresponsive"=0x0,"RESET: Bulk Send Failure"=0x0,"RESET: Data
Overrun"=0x0,"UAS Reset: Command Failure"=0x0,"OFF to ON transition"=0x0,"RESET: IO Aborted"=0x0,"UAS RESET:
UAS Request for Status Failure"=0x0,"UAS RESET: UAS Response IU Failure"=0x0,"RESET: Pipe Stalled"=0x0,"RESET:
CSW$
||| "IOPersonalityPublisher" = "com.apple.iokit.IOUSBMassStorageDriver"
||| "CFBundleIdentifierKernel" = "com.apple.iokit.IOUSBMassStorageDriver"
||| }
||| }
||+o IOUserEthernetResource <class IOUserEthernetResource, id 0x100000250, registered, matched, active, busy 0 (0
ms), retain 5>
||| {

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|| "IOProbeScore" = 0x0
|| "CFBundleIdentifier" = "com.apple.iokit.IOUserEthernet"
|| "IOMatchCategory" = "IOUserEthernetResource"
|| "IOClass" = "IOUserEthernetResource"
|| "IOPersonalityPublisher" = "com.apple.iokit.IOUserEthernet"
|| "IOProviderClass" = "IOResources"
|| "CFBundleIdentifierKernel" = "com.apple.iokit.IOUserEthernet"
|| "IOMatchedAtBoot" = Yes
|| "IOUserClientClass" = "IOUserEthernetResourceUserClient"
|| "IOResourceMatch" = "IOKit"
|| }
|| }
|+o IOTimeSyncClockManager <class IOTimeSyncClockManager, id 0x100000341, registered, matched, active, busy 0
(0 ms), retain 9>
||| {
||| "IOClass" = "IOTimeSyncClockManager"
||| "CFBundleIdentifier" = "com.apple.iokit.IOTimeSyncFamily"
||| "IOProviderClass" = "IOResources"
||| "TimeSyncTimeCoreAudioClockDomain" = 0x63690000
||| "TranslationClockID" = 0xa07817745b430001
||| "IOUserClientClass" = "IOTimeSyncClockManagerUserClient"
||| "TimeSyncTimeClockID" = 0xa07817745b430000
||| "IOProbeScore" = 0x0
||| "IOResourceMatch" = "IOTimeSyncTime"
||| "IOMatchedAtBoot" = Yes
||| "IOMatchCategory" = "IOTimeSyncClockManager"
||| "IOPersonalityPublisher" = "com.apple.iokit.IOTimeSyncFamily"
||| "CFBundleIdentifierKernel" = "com.apple.iokit.IOTimeSyncFamily"
||| }
||| }
|+o IOTimeSyncTranslationPMGR <class IOTimeSyncTranslationPMGR, id 0x1000009f3, registered, matched, active,
busy 0 (0 ms), retain 8>
|||| {
|||| "NominalTimeSyncInterval" = 0x1dcd6500
|||| "NominalDomainInterval" = 0x1dcd6500
|||| "NominalMachInterval" = 0x0
|||| "IOGeneralInterest" = "IOCommand is not serializable"
|||| "FilterShift" = 0x4
|||| "Adaptive" = No
|||| "IOUserClientClass" = "IOTimeSyncUserClient"
|||| "ClockLockState" = 0x2
|||| "ClockIdentifier" = 0xa07817745b430001
|||| }
|||| }
|+o IOTimeSyncUserClient <class IOTimeSyncUserClient, id 0x100000b29, !registered, !matched, active, busy 0,
retain 6>
||| {
||| "IOUserClientCreator" = "pid 445, coreaudiod"
||| "IOUserClientDefaultLocking" = Yes
||| }
||| }
|+o IOTimeSyncClockManagerUserClient <class IOTimeSyncClockManagerUserClient, id 0x100000b28, !registered, !
matched, active, busy 0, retain 5>
|| {
|| "IOUserClientCreator" = "pid 445, coreaudiod"
|| "IOUserClientDefaultLocking" = Yes
|| }
|| }
|+o com_apple_AppleFSCompression_AppleFSCompressionTypeDataless <class
com_apple_AppleFSCompression_AppleFSCompressionTypeDataless, id 0x100000458, !registered, !matched, active,
busy 0, retain 4>
|| {
|| "IOProbeScore" = 0x0
|| "CFBundleIdentifier" = "com.apple.AppleFSCompression.AppleFSCompressionTypeDataless"
|| "IOMatchCategory" = "com_apple_AppleFSCompression_AppleFSCompressionTypeDataless"
|| "IOClass" = "com_apple_AppleFSCompression_AppleFSCompressionTypeDataless"
|| "IOPersonalityPublisher" = "com.apple.AppleFSCompression.AppleFSCompressionTypeDataless"
|| "IOProviderClass" = "IOResources"
|| "com.apple.AppleFSCompression.providesType5" = Yes
|| "CFBundleIdentifierKernel" = "com.apple.AppleFSCompression.AppleFSCompressionTypeDataless"
|| "IOMatchedAtBoot" = Yes
|| "IOResourceMatch" = "IOBSD"
|| }
|| }
|+o com_apple_AppleFSCompression_AppleFSCompressionTypeZlib <class
com_apple_AppleFSCompression_AppleFSCompressionTypeZlib, id 0x100000459, !registered, !matched, active, busy 0,
retain 4>
|| {
|| "IOClass" = "com_apple_AppleFSCompression_AppleFSCompressionTypeZlib"
|| "CFBundleIdentifier" = "com.apple.AppleFSCompression.AppleFSCompressionTypeZlib"
|| "IOProviderClass" = "IOResources"
|| "com.apple.AppleFSCompression.providesType7" = Yes
|| "IOResourceMatch" = "IOBSD"
|| "com.apple.AppleFSCompression.providesType9" = Yes
|| "IOProbeScore" = 0x0
|| "IOMatchCategory" = "com_apple_AppleFSCompression_AppleFSCompressionTypeZlib"
|| "com.apple.AppleFSCompression.providesType4" = Yes
|| "IOMatchedAtBoot" = Yes
|| "IOPersonalityPublisher" = "com.apple.AppleFSCompression.AppleFSCompressionTypeZlib"
|| "com.apple.AppleFSCompression.providesType10" = Yes
|| "com.apple.AppleFSCompression.providesType8" = Yes
|| "com.apple.AppleFSCompression.providesType11" = Yes
|| "CFBundleIdentifierKernel" = "com.apple.AppleFSCompression.AppleFSCompressionTypeZlib"
|| "com.apple.AppleFSCompression.providesType12" = Yes
|| "com.apple.AppleFSCompression.providesType3" = Yes
|| }
|| }
|+o AppleMobileFileIntegrity <class AppleMobileFileIntegrity, id 0x10000045a, registered, matched, active, busy 0 (2
ms), retain 7>
|| {
|| "IOProbeScore" = 0x0
|| "CFBundleIdentifier" = "com.apple.driver.AppleMobileFileIntegrity"
|| "IOMatchCategory" = "AppleMobileFileIntegrity"
|| "IOClass" = "AppleMobileFileIntegrity"
|| "IOPersonalityPublisher" = "com.apple.driver.AppleMobileFileIntegrity"
|| "IOProviderClass" = "IOResources"
|| "CFBundleIdentifierKernel" = "com.apple.driver.AppleMobileFileIntegrity"
|| "IOMatchedAtBoot" = Yes

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    || "IOUserClientClass" = "AppleMobileFileIntegrityUserClient"
    || "IOResourceMatch" = "IOBSD"
    || }
    || }
7> |+-o AppleSystemPolicy <class AppleSystemPolicy, id 0x10000045c, registered, matched, active, busy 0 (4 ms), retain
7>
    ||| {
    ||| "IOProbeScore" = 0x0
    ||| "CFBundleIdentifier" = "com.apple.AppleSystemPolicy"
    ||| "IOMatchCategory" = "AppleSystemPolicy"
    ||| "IOClass" = "AppleSystemPolicy"
    ||| "IOPersonalityPublisher" = "com.apple.AppleSystemPolicy"
    ||| "IOProviderClass" = "IOResources"
    ||| "CFBundleIdentifierKernel" = "com.apple.AppleSystemPolicy"
    ||| "IOMatchedAtBoot" = Yes
    ||| "IOUserClientClass" = "AppleSystemPolicyUserClient"
    ||| "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
    ||| "IOResourceMatch" = "IOBSD"
    ||| }
    ||| }
    ||+-o AppleSystemPolicyUserClient <class AppleSystemPolicyUserClient, id 0x100000b16, !registered, !matched,
active, busy 0, retain 5>
    || {
    || "IOUserClientCreator" = "pid 418, syspolicyd"
    || "IOUserClientDefaultLocking" = Yes
    || }
    || }
    ||+-o com_apple_BootCache <class com_apple_BootCache, id 0x10000045d, !registered, !matched, active, busy 0,
retain 4>
    || {
    || "IOProbeScore" = 0x0
    || "CFBundleIdentifier" = "com.apple.BootCache"
    || "IOMatchCategory" = "com_apple_BootCache"
    || "IOClass" = "com_apple_BootCache"
    || "IOPersonalityPublisher" = "com.apple.BootCache"
    || "IOProviderClass" = "IOResources"
    || "CFBundleIdentifierKernel" = "com.apple.BootCache"
    || "IOMatchedAtBoot" = Yes
    || "IOResourceMatch" = "IOBSD"
    || }
    || }
    ||+-o BootPolicy <class BootPolicy, id 0x10000045e, registered, matched, active, busy 0 (1 ms), retain 10>
    ||| {
    ||| "IOProbeScore" = 0x0
    ||| "CFBundleIdentifier" = "com.apple.security.BootPolicy"
    ||| "IOMatchCategory" = "BootPolicy"
    ||| "IOClass" = "BootPolicy"
    ||| "IOPersonalityPublisher" = "com.apple.security.BootPolicy"
    ||| "IOProviderClass" = "IOResources"
    ||| "CFBundleIdentifierKernel" = "com.apple.security.BootPolicy"
    ||| "IOMatchedAtBoot" = Yes
    ||| "IOUserClientClass" = "BootPolicyUserClient"
    ||| "IOPowerManagement" = {"CapabilityFlags"=0x2,"MaxPowerState"=0x1,"CurrentPowerState"=0x1}
    ||| "IOResourceMatch" = "IOBSD"
    ||| }
    ||| }
    ||+-o BootPolicyUserClient <class BootPolicyUserClient, id 0x100000b17, !registered, !matched, active, busy 0, retain
5>
    ||| {
    ||| "IOUserClientCreator" = "pid 418, syspolicyd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    ||| }
    ||+-o BootPolicyUserClient <class BootPolicyUserClient, id 0x100000b32, !registered, !matched, active, busy 0, retain
5>
    ||| {
    ||| "IOUserClientCreator" = "pid 534, mobileactivation"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    ||| }
    ||+-o BootPolicyUserClient <class BootPolicyUserClient, id 0x100000b36, !registered, !matched, active, busy 0, retain
5>
    ||| {
    ||| "IOUserClientCreator" = "pid 374, kernelmanagerd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    ||| }
    ||+-o BootPolicyUserClient <class BootPolicyUserClient, id 0x100000b55, !registered, !matched, active, busy 0, retain
5>
    || {
    || "IOUserClientCreator" = "pid 536, softwareupdated"
    || "IOUserClientDefaultLocking" = Yes
    || }
    || }
    ||+-o com_apple_filesystems_hfs <class com_apple_filesystems_hfs, id 0x10000045f, !registered, !matched, active,
busy 0, retain 4>
    || {
    || "IOProbeScore" = 0x0
    || "CFBundleIdentifier" = "com.apple.filesystems.hfs.kext"
    || "IOMatchCategory" = "com_apple_filesystems_hfs"
    || "IOClass" = "com_apple_filesystems_hfs"
    || "IOPersonalityPublisher" = "com.apple.filesystems.hfs.kext"
    || "IOProviderClass" = "IOResources"
    || "CFBundleIdentifierKernel" = "com.apple.filesystems.hfs.kext"
    || "IOMatchedAtBoot" = Yes
    || "IOResourceMatch" = "IOBSD"
    || }
    || }
    ||+-o com_apple_filesystems_hfs_encodings <class com_apple_filesystems_hfs_encodings, id 0x100000460, !
registered, !matched, active, busy 0, retain 4>
    || {
    || "IOProbeScore" = 0x0
    || "CFBundleIdentifier" = "com.apple.filesystems.hfs.encodings.kext"
    || "IOMatchCategory" = "com_apple_filesystems_hfs_encodings"
    || "IOClass" = "com_apple_filesystems_hfs_encodings"
    || "IOPersonalityPublisher" = "com.apple.filesystems.hfs.encodings.kext"
    || "IOProviderClass" = "IOResources"
    || "CFBundleIdentifierKernel" = "com.apple.filesystems.hfs.encodings.kext"
    || }

```

```

|| "IOMatchedAtBoot" = Yes
|| "IOResourceMatch" = "IOBSD"
|| }
|| }
|| +-o IOHIDResource <class IOHIDResource, id 0x100000461, registered, matched, active, busy 0 (131 ms), retain 9>
|| {
|| | "IOProbeScore" = 0x0
|| | "CFBundleIdentifier" = "com.apple.iokit.IOHIDFamily"
|| | "IOMatchCategory" = "IOHIDResource"
|| | "IOClass" = "IOHIDResource"
|| | "IOPersonalityPublisher" = "com.apple.iokit.IOHIDFamily"
|| | "IOProviderClass" = "IOResources"
|| | "CFBundleIdentifierKernel" = "com.apple.iokit.IOHIDFamily"
|| | "IOMatchedAtBoot" = Yes
|| | "IOUserClientClass" = "IOHIDResourceDeviceUserClient"
|| | "IOResourceMatch" = "IOBSD"
|| | }
|| | }
|| +-o IOHIDResourceDeviceUserClient <class IOHIDResourceDeviceUserClient, id 0x100000b18, !registered, !matched,
active, busy 0 (5 ms), retain 7>
|| {
|| | "IOHIDUserDeviceDebugState" =
{"MaxClientTimeoutUS"=0xf4240,"ReportQueue"={"EnqueueTimestamp"=0xf0b1bc5d9,"tail"=0x1bd8,"QueueSize"=0x400
0,"head"=0x1bd8},"SetReportCount"=0x255,"SetReportCompletedCount"=0x255}
|| | "IOUserClientCreator" = "pid 420, WindowServer"
|| | "IOUserClientDefaultLocking" = Yes
|| | }
|| | }
|| +-o IOHIDUserDevice <class IOHIDUserDevice, id 0x100000b19, registered, matched, active, busy 0 (5 ms), retain
10>
|| {
|| | "HIDVirtualDevice" = Yes
|| | "Transport" = "USB"
|| | "Built-In" = Yes
|| | "Product" = "Keyboard Backlight"
|| | "KeyboardUniqueID" = 0x5ac0341
|| | "HIDDefaultBehavior" = Yes
|| | "MaxInputReportSize" = 0x1
|| | "Privileged" = Yes
|| | "DeviceUsagePairs" = {"DeviceUsagePage"=0xff00,"DeviceUsage"=0xf}
|| | "ReportDescriptor" =
<0600ff0a0f00a101850167e1000001550d0670ff090116640026443975209501b1420902660110550d150027ffff00000752
09501b142850309031500250175089501b1420904660110550d150027ffff0000075209501b142c0>
|| | "MaxOutputReportSize" = 0x1
|| | "IOUserClientClass" = "IOHIDLibUserClient"
|| | "IOCFPlugInTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin","7DDEECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
|| | "VendorID" = 0x5ac
|| | "PrimaryUsage" = 0xf
|| | "ProductID" = 0x341
|| | "Elements" =
{"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"={"VariableSiz
e"=0x0,"UnitExponent"=0xd,"IsRelative"=No,"UsagePage"=0xff70,"Max"=0x3944,"IsArray"=No,"Type"=0x101,"Size"=0x20,
"Min"=0x64,"Flags"=0x42,"ReportID"=0x1,"Usage"=0x1,"ReportCount"=0x1,"Unit"=0x10000e1,"HasNullState"=Yes,"Report
Size"=0x20,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x64,"IsWrapping"=No,"ScaledMax"=0x3944,"Elemen
tCookie"=0x8},{"VariableSize"=0x0,"UnitExponent"=0xd,"IsRelative"=No,"$
|| | "IOGeneralInterest" = "IOCommand is not serializable"
|| | "PrimaryUsagePage" = 0xff00
|| | "ReportInterval" = 0x1f40
|| | "MaxFeatureReportSize" = 0x9
|| | "InputReportElements" =
{"ReportID"=0x1,"ElementCookie"=0xc,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,
"ReportSize"=0x8,"Usage"=0x0},
{"ReportID"=0x3,"ElementCookie"=0xd,"Size"=0x8,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0x0,"
ReportSize"=0x8,"Usage"=0x0}
|| | }
|| | }
|| +-o IOHIDInterface <class IOHIDInterface, id 0x100000b1b, registered, matched, active, busy 0 (4 ms), retain 6>
|| {
|| | "MaxOutputReportSize" = 0x1
|| | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
|| | "VendorID" = 0x5ac
|| | "IOServiceDXTEntitlements" =
(("com.apple.developer.driverkit.transport.hid","com.apple.developer.driverkit.builtin"))
|| | "Product" = "Keyboard Backlight"
|| | "PrimaryUsage" = 0xf
|| | "ProductID" = 0x341
|| | "DeviceUsagePairs" = {"DeviceUsagePage"=0xff00,"DeviceUsage"=0xf}
|| | "Transport" = "USB"
|| | "ReportInterval" = 0x1f40
|| | "ReportDescriptor" =
<0600ff0a0f00a101850167e1000001550d0670ff090116640026443975209501b1420902660110550d150027ffff00000752
09501b142850309031500250175089501b1420904660110550d150027ffff0000075209501b142c0>
|| | "HIDDefaultBehavior" = Yes
|| | "PrimaryUsagePage" = 0xff00
|| | "MaxFeatureReportSize" = 0x9
|| | "Built-In" = Yes
|| | "MaxInputReportSize" = 0x1
|| | }
|| | }
|| +-o IOHIDLibUserClient <class IOHIDLibUserClient, id 0x100000b3b, !registered, !matched, active, busy 0, retain
6>
|| {
|| | "DebugState" =
{"MaxEnqueueReportSize"=0x2000,"EventQueueMap"={}, "ClientOpened"=Yes,"Privileged"=Yes}
|| | "IOUserClientCreator" = "pid 413, corebrightnessd"
|| | "IOUserClientDefaultLocking" = Yes
|| | }
|| | }
|| +-o IOHIDResourceDeviceUserClient <class IOHIDResourceDeviceUserClient, id 0x100000b3c, !registered, !
matched, active, busy 0 (125 ms), retain 7>
|| {
|| | "IOHIDUserDeviceDebugState" = {"MaxClientTimeoutUS"=0xf4240}
|| | "IOUserClientCreator" = "pid 537, TouchBarServer"
|| | "IOUserClientDefaultLocking" = Yes
|| | }
|| }

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```
    | |
    | | +-o IOHIDUserDevice <class IOHIDUserDevice, id 0x100000b3d, registered, matched, active, busy 0 (125 ms),
retain 11>
    | | {
    | | | "AppleVendorSupported" = Yes
    | | | "HIDVirtualDevice" = Yes
    | | | "Built-In" = Yes
    | | | "Product" = "TouchBarUserDevice"
    | | | "HIDDefaultBehavior" = Yes
    | | | "MaxInputReportSize" = 0x7
    | | | "RequiresTCCAuthorization" = Yes
    | | | "Privileged" = Yes
    | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x6})
    | | | "ReportDescriptor" =
<05010906a10185010507190029ff95067508150026ff0081008502050c190029ff95067508150026ff00810085030601ff1
90029ff95027508150026ff008100850405ff190029ff95047508150026ff008100c0>
    | | | "alt_sender_id" = 0x100000867
    | | | "MaxOutputReportSize" = 0x1
    | | | "IOUserClientClass" = "IOHIDLibUserClient"
    | | | "IOCFPlugInTypes" = {"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin", "40A57A4E-26A0-11D8-9295-000A958A2C78"="IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin", "7DDECA8-A7B4-11DA-8A0E-0014519758EF"="IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin"}
    | | | "VendorID" = 0x5ac
    | | | "PrimaryUsage" = 0x6
    | | | "ProductID" = 0x8600
    | | | "Elements" =
({"ReportID"=0x0,"ElementCookie"=0x1,"CollectionType"=0x1,"Type"=0x201,"VariableSize"=0x0,"Elements"=({"VariableSiz
e"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x7,"Max"=0xff,"IsArray"=Yes,"Type"=0x2,"Size"=0x30,"Min"=0
x0,"Flags"=0x0,"ReportID"=0x1,"Usage"=0xffffffffffff,"ReportCount"=0x6,"Unit"=0x0,"HasNullState"=No,"ReportSize"=
0x8,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0xff,"ElementCookie"=0
xc),{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"Dupl$
    | | | "IOGeneralInterest" = "IOCommand is not serializable"
    | | | "ReportInterval" = 0x1f40
    | | | "PrimaryUsagePage" = 0x1
    | | | "DeviceOpenedByEventSystem" = Yes
    | | | "MaxFeatureReportSize" = 0x1
    | | | "InputReportElements" =
({"ReportID"=0x1,"ElementCookie"=0x422,"Size"=0x38,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=
0x0,"ReportSize"=0x38,"Usage"=0x0},
{"ReportID"=0x2,"ElementCookie"=0x423,"Size"=0x38,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0
x0,"ReportSize"=0x38,"Usage"=0x0},
{"ReportID"=0x3,"ElementCookie"=0x424,"Size"=0x18,"ReportCount"=0x1,"Type"=0x1,"VariableSize"=0x0,"UsagePage"=0
x0,"ReportSize"=0x18,"Usage"=0x0},{"ReportID"=0x4,"ElementCookie"=0x425,"Size"=0x28,"ReportCount"=0x1,"Type$
    | | }
    | | }
    | | +-o IOHIDInterface <class IOHIDInterface, id 0x100000b3f, registered, matched, active, busy 0 (124 ms), retain
10>
    | | {
    | | | "MaxOutputReportSize" = 0x1
    | | | "DeviceOpenedByEventSystem" = Yes
    | | | "VendorID" = 0x5ac
    | | | "IOServiceDXTEntitlements" =
({"com.apple.developer.driverkit.transport.hid","com.apple.developer.driverkit.builtin"})
    | | | "Product" = "TouchBarUserDevice"
    | | | "PrimaryUsage" = 0x6
    | | | "IOEXTMatchCount" = 0x2
    | | | "ProductID" = 0x8600
    | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x6})
    | | | "HIDDefaultBehavior" = Yes
    | | | "ReportInterval" = 0x1f40
    | | | "ReportDescriptor" =
<05010906a10185010507190029ff95067508150026ff0081008502050c190029ff95067508150026ff00810085030601ff1
90029ff95027508150026ff008100850405ff190029ff95047508150026ff008100c0>
    | | | "Built-In" = Yes
    | | | "PrimaryUsagePage" = 0x1
    | | | "MaxFeatureReportSize" = 0x1
    | | | "DebugState" =
{"ReleasedBuffers"=0x0,"ReportAvailableCalls"=0x0,"ReportAvailableRuns"=0x0,"CreatedBuffers"=0x0}
    | | | "MaxInputReportSize" = 0x7
    | | | }
    | | }
    | | +-o AppleUserHIDEventDriver <class AppleUserHIDEventService, id 0x100000b5b, registered, matched, active,
busy 0 (0 ms), retain 15>
    | | {
    | | | "IOMatchedAtBoot" = Yes
    | | | "PrimaryUsagePage" = 0x1
    | | | "SensorProperties" = {}
    | | | "IOUserClientClass" = "IOHIDEventServiceUserClient"
    | | | "VersionNumber" = 0x0
    | | | "VendorID" = 0x5ac
    | | | "Built-In" = Yes
    | | | "IOUserServerOneProcess" = Yes
    | | | "Product" = "TouchBarUserDevice"
    | | | "HIDKeyboardSupportedModifiers" = 0x19e20ff
    | | | "IOServiceDXTEntitlements" = "com.apple.developer.driverkit.family.hid.eventservice"
    | | | "Keyboard" =
{"Elements"=({"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x7,"Max"=0x1,"IsArray"=Yes,"Type"=
0x2,"Size"=0x1,"Min"=0x0,"Flags"=0x0,"ReportID"=0x1,"Usage"=0x4,"ReportCount"=0x1,"Unit"=0x0,"HasNullState"=No,"
ReportSize"=0x1,"HasPreferredState"=Yes,"IsNonLinear"=No,"ScaledMin"=0x0,"IsWrapping"=No,"ScaledMax"=0x1,"Elemen
tCookie"=0x17},
{"VariableSize"=0x0,"UnitExponent"=0x0,"IsRelative"=No,"UsagePage"=0x7,"Max"=0x1,"IsArray"=Yes,"Type"=0x2,"Size"=0
x1,"Min"=0x0,"Flags"=0x0,"ReportID"=0x1,"Usage"=$
    | | | "IOUserServerCDHash" = "0fd93ac7fc90b777d1629c3fd6155600bcd22a4"
    | | | "ProductID" = 0x8600
    | | | "IOPersonalityPublisher" = "com.apple.AppleUserHIDDrivers"
    | | | "RegisterService" = No
    | | | "DeviceUsagePairs" = ({"DeviceUsagePage"=0x1,"DeviceUsage"=0x6})
    | | | "IOPowerManagement" = {"CapabilityFlags"=0x0,"MaxPowerState"=0x2,"CurrentPowerState"=0x0}
    | | | "IOUserServerName" = "com.apple.driverkit.AppleUserHIDDrivers"
    | | | "ReportInterval" = 0x0
    | | | "VendorIDSource" = 0x0
    | | | "IOMatchedPersonality" =
{"IOClass"="AppleUserHIDEventService","CFBundleIdentifier"="com.apple.AppleUserHIDDrivers","IOProviderClass"="IOHI
DInterface","IOUserServerCDHash"="0fd93ac7fc90b777d1629c3fd6155600bcd22a4","VendorID"=0x5ac,"IOUserServerN
ame"="com.apple.driverkit.AppleUserHIDDrivers","IOMatchDefer"=Yes,"ProductID"=0x8600,"IOPersonalityPublisher"="co
m.apple.AppleUserHIDDrivers","CFBundleIdentifierKernel"="com.apple.iokit.IOHIDFamily","IOUserServerOneProcess"=Yes,
"IOUserClass"="AppleUserHIDEventDriver"}
    | | | "HIDEventServiceProperties" =
```

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{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"FlipLeftAndRightEdgeGestures"=No,"HIDTrackpadScrollAcceleration"=0x5000,"HIDInitialKeyRepeat"
=0x1dcd6500,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"TrackpadThreeFingerDrag"=No,"MTGestureConfiguration"=
{"Version"=0x1,"Behaviors"=({}),"MTGestureConfigurationOverride"={"Version"=0x1,"Behaviors"=({ "BehaviorID"=0x1})},"HID
PointerAcceleration"=0xb000,"UserPreferences"=Yes$
    || | | "CFBundleIdentifier" = "com.apple.AppleUserHIDDrivers"
    || | | "HIDKeyboardKeysDefined" = Yes
    || | | "IOCFPlugInTypes" = {"7DDEECA8-A7B4-11DA-8A0E-0014519758EF"=IOHIDFamily.kext/Contents/PlugIns/
IOHIDLib.plugin,"FA12FA38-6F1A-11D4-BA0C-0005028F18D5"=IOHIDFamily.kext/Contents/PlugIns/IOHIDLib.plugin}
    || | | "IOMatchDefer" = Yes
    || | | "IOProviderClass" = "IOHIDInterface"
    || | | "IOUserClass" = "AppleUserHIDEventDriver"
    || | | "LocationID" = 0x0
    || | | "CFBundleIdentifierKernel" = "com.apple.iokit.IOHIDFamily"
    || | | "IOClass" = "AppleUserHIDEventService"
    || | | "PrimaryUsage" = 0x6
    || | | "CountryCode" = 0x0
    || | | "HIDServiceSupport" = Yes
    || | | "SensorPropertySupported" = 0x0
    || | | "IOMatchCategory" = "IODefaultMatchCategory"
    || | | "StandardType" = 0x0
    || | | "IOProbeScore" = 0x1770
    || | | "HIDKeyboardSupportsEscKey" = Yes
    || | | "IOGeneralInterest" = "IOCommand is not serializable"
    || | | "HIDDKStart" = Yes
    || | | }
    || | | }
    || | | }
    || | | +-o IOHIDEventServiceUserClient <class IOHIDEventServiceUserClient, id 0x100000b71, !registered, !matched,
active, busy 0, retain 6>
    || | | {
    || | |     "DebugState" =
{"EventQueue"={"NoFullMsg"=0x0,"tail"=0x0,"NotificationForce"=0x0,"NotificationCount"=0x0,"head"=0x0}}
    || | |     "IOUserClientCreator" = "pid 420, WindowServer"
    || | |     "IOUserClientDefaultLocking" = Yes
    || | | }
    || | | }
    || | | +-o IOHIDLibUserClient <class IOHIDLibUserClient, id 0x1000000b4f, !registered, !matched, active, busy 0, retain
6>
    || | | {
    || | |     "DebugState" =
{"MaxEnqueueReportSize"=0x2000,"EventQueueMap"={"entrySize"=0x0,"QueueSize"=0x4000,"EnqueueErrorCount"=0x
0,"head"=0x0,"UsagePercentHist"={"100"=0x0,"60"=0x0,"50"=0x0,"40"=0x0,"30"=0x0,"90"=0x0,"20"=0x0,"80"=
0x0,"10"=0x0,"70"=0x0},"tail"=0x0,"numEntries"=0x0},"ClientOpened"=Yes,"Privileged"=Yes}
    || | |     "IOUserClientCreator" = "pid 537, TouchBarServer"
    || | |     "IOUserClientDefaultLocking" = Yes
    || | | }
    || | | }
    || | | +-o IOHIDSystem <class IOHIDSystem, id 0x100000463, registered, matched, active, busy 0 (1035 ms), retain 12>
    || | | {
    || | |     "IOClass" = "IOHIDSystem"
    || | |     "HIDScrollCountMaxTimeDeltaBetween" = 0x258
    || | |     "IOPersonalityPublisher" = "com.apple.iokit.IOHIDFamily"
    || | |     "IOResourceMatch" = "IOBSD"
    || | |     "IOMatchedAtBoot" = Yes
    || | |     "HIDServiceGlobalModifiersUsage" = 0x1
    || | |     "IOProviderClass" = "IOResources"
    || | |     "IOReportLegendPublic" = Yes
    || | |     "IOProbeScore" = 0x0
    || | |     "HIDIdleTime" = 0x3e1ec2c
    || | |     "HIDScrollCountIgnoreMomentumScrolls" = Yes
    || | |     "HIDScrollCountAccelerationFactor" = 0x28000
    || | |     "HIDServiceSupport" = Yes
    || | |     "HIDScrollCountMouseCanReset" = Yes
    || | |     "IOCFPlugInTypes" = {"0516B563-B15B-11DA-96EB-0014519758EF"=IOHIDFamily.kext/Contents/PlugIns/
IOHIDNXEventRouter.plugin}
    || | |     "VendorID" = 0x5ac
    || | |     "CFBundleIdentifierKernel" = "com.apple.iokit.IOHIDFamily"
    || | |     "HIDScrollCountMinDeltaToSustain" = 0x14
    || | |     "IOMatchCategory" = "IOHID"
    || | |     "CFBundleIdentifier" = "com.apple.iokit.IOHIDFamily"
    || | |     "HIDScrollCountBootDefault" =
{"HIDScrollCountMinDeltaToStart"=0x1e,"HIDScrollCountAccelerationFactor"=0x28000,"HIDScrollCountMouseCanReset"=
Yes,"HIDScrollCountIgnoreMomentumScrolls"=Yes,"HIDScrollCountMinDeltaToSustain"=0x14,"HIDScrollCountMax"=0x7d0,
"HIDScrollCountMaxTimeDeltaBetween"=0x258,"HIDScrollCountMaxTimeDeltaToSustain"=0xfa}
    || | |     "PrimaryUsage" = 0x17
    || | |     "CursorState" = {}
    || | |     "HIDPowerOnDelayNS" = 0x1dcd6500
    || | |     "IOGeneralInterest" = "IOCommand is not serializable"
    || | |     "PrimaryUsagePage" = 0xff00
    || | |     "HIDScrollCountMinDeltaToStart" = 0x1e
    || | |     "HIDScrollCountMaxTimeDeltaToSustain" = 0xfa
    || | |     "IOReportLegend" =
({"IOReportGroupName"="Cursor","IOReportChannels"=((0x437572736f72546f,0xf00180003,"Cursor Total
Latency"),"IOReportChannelInfo"={"IOReportChannelConfig"=<640000000000000000000a000000204e00000000
000001000000050000000>,"IOReportChannelUnit"=0x1000079000000000},"IOReportSubGroupName"="Total"},
{"IOReportGroupName"="Cursor","IOReportChannels"=((0x437572736f724772,0xf00180003,"Cursor Graphics
Latency"),"IOReportChannelInfo"={"IOReportChannelConfig"=<640000000000000000000a000000204e00000000
000001000000050000000>$
    || | |     "HIDParameters" =
{"HIDMouseKeysOptionToggles"=0x0,"JitterNoClick"=0x1,"ActuateDetents"=0x1,"Dragging"=0x0,"HIDSlowKeysDelay"=0x0,
"JitterNoMove"=0x1,"TrackpadThreeFingerHorizSwipeGesture"=0x2,"HIDInitialKeyRepeat"=0x1dcd6500,"TrackpadThreeFi
ngerDrag"=No,"HIDPointerAcceleration"=0xb000,"UserPreferences"=Yes,"HIDDefaultParameters"=Yes,"TrackpadHorizScro
ll"=0x1,"HIDF12EjectDelay"=0xfa,"TrackpadFourFingerVertSwipeGesture"=0x2,"TrackpadTwoFingerFromRightEdgeSwipeG
esture"=0x3,"USBMouseStopsTrackpad"=0x0,"TrackpadThreeFingerTapGesture"=0x$
    || | |     "HIDScrollCountMax" = 0x7d0
    || | | }
    || | | }
    || | | +-o IOHIDUserClient <class IOHIDUserClient, id 0x100000a53, !registered, !matched, active, busy 0, retain 5>
    || | | {
    || | |     "IOUserClientCrossEndianCompatible" = Yes
    || | |     "IOUserClientCreator" = "pid 420, WindowServer"
    || | |     "IOUserClientDefaultLocking" = Yes
    || | | }
    || | | }
    || | | +-o IOHIDEventSystemUserClient <class IOHIDEventSystemUserClient, id 0x100000a87, !registered, !matched,
active, busy 0, retain 5>
    || | | {
    || | |     "IOUserClientCrossEndianCompatible" = Yes

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    ||| "IOUserClientCreator" = "pid 420, WindowServer"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||+o IOHIDParamUserClient <class IOHIDParamUserClient, id 0x100000b38, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCrossEndianCompatible" = Yes
    ||| "IOUserClientCreator" = "pid 423, loginwindow"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||+o IOHIDParamUserClient <class IOHIDParamUserClient, id 0x100000bfe, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCrossEndianCompatible" = Yes
    ||| "IOUserClientCreator" = "pid 420, WindowServer"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||+o IOHIDParamUserClient <class IOHIDParamUserClient, id 0x100000c00, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCrossEndianCompatible" = Yes
    ||| "IOUserClientCreator" = "pid 647, Dock"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||+o IONetworkStack <class IONetworkStack, id 0x100000464, registered, matched, active, busy 0 (0 ms), retain 22>
    ||| {
    ||| "IOProbeScore" = 0x0
    ||| "CFBundleIdentifier" = "com.apple.iokit.IONetworkingFamily"
    ||| "IOMatchCategory" = "IONetworkStack"
    ||| "IOClass" = "IONetworkStack"
    ||| "IOPersonalityPublisher" = "com.apple.iokit.IONetworkingFamily"
    ||| "IOProviderClass" = "IOResources"
    ||| "CFBundleIdentifierKernel" = "com.apple.iokit.IONetworkingFamily"
    ||| "IOMatchedAtBoot" = Yes
    ||| "IOUserClientClass" = "IONetworkStackUserClient"
    ||| "IOResourceMatch" = "IOBSD"
    ||| }
    |||
    ||+o IONetworkStackUserClient <class IONetworkStackUserClient, id 0x100000a66, !registered, !matched, active,
busy 0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 355, configd"
    ||| "IOUserClientDefaultLocking" = Yes
    ||| }
    |||
    ||+o IOSurfaceRoot <class IOSurfaceRoot, id 0x100000465, registered, matched, active, busy 0 (1064 ms), retain
609>
    ||| {
    ||| "IOProbeScore" = 0x0
    ||| "CFBundleIdentifier" = "com.apple.iokit.IOSurface"
    ||| "IOMatchCategory" = "IOSurfaceRoot"
    ||| "IOClass" = "IOSurfaceRoot"
    ||| "IOPersonalityPublisher" = "com.apple.iokit.IOSurface"
    ||| "IOProviderClass" = "IOResources"
    ||| "CFBundleIdentifierKernel" = "com.apple.iokit.IOSurface"
    ||| "IOMatchedAtBoot" = Yes
    ||| "IOResourceMatch" = "IOBSD"
    ||| }
    |||
    ||+o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000a5e, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 420, WindowServer"
    ||| }
    |||
    ||+o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000b37, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 537, TouchBarServer"
    ||| }
    |||
    ||+o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000beb, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "gpu-policies" = {"GPUSelectionPolicy"="avoidRemovable"}
    ||| "IOUserClientCreator" = "pid 423, loginwindow"
    ||| "gpu-policies-info" = {"GPUSelectionPolicy"="bundle"}
    ||| }
    |||
    ||+o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000c05, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 647, Dock"
    ||| }
    |||
    ||+o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000c0a, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 618, ControlStrip"
    ||| }
    |||
    ||+o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000c2d, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 683, com.apple.dock.e"
    ||| }
    |||
    ||+o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000c2f, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 695, avconferenced"
    ||| }
    |||
    ||+o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000c34, !registered, !matched, active, busy

```

```

0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 651, Finder"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000c3a, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 649, ControlCenter"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000c3d, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 640, Notes"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000c41, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 639, Mail"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000c43, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 672, iconservicesagen"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000c58, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 716, com.apple.Notes."
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000c6e, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 643, Preview"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000c77, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 645, Contacts"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000cf9, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 743, com.apple.appkit"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000d5c, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 729, AvatarPickerMemo"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000d6f, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 641, Messages"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000dd4, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 352, MCTTriggerDriver"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000e2a, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 876, Google Chrome He"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000e2c, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 880, VTDecoderXPCServ"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000e65, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 626, Google Chrome"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000e66, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 918, Google Chrome He"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000e9f, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 972, Adobe CEF Helper"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000ea1, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 984, VTDecoderXPCServ"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000ea7, !registered, !matched, active, busy 0,

```

```

retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 985, VTEncoderXPCServ"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000ed0, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 931, UI"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000eda, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 988, Adobe Desktop Se"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100000fc8, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 1244, com.apple.WebKit"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x1000010f3, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 1376, System Informati"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x10000110d, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 1396, com.apple.appkit"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x1000011f2, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 1503, Google Chrome He"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100001241, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 1550, com.apple.appkit"
    ||| }
    |||
    ||| +-o IOSurfaceRootUserClient <class IOSurfaceRootUserClient, id 0x100001358, !registered, !matched, active, busy
0, retain 5>
    ||| {
    ||| "IOUserClientCreator" = "pid 1641, mediaanalysisid"
    ||| }
    |||
    ||| +-o AppleFairplayTextCrypter <class AppleFairplayTextCrypter, id 0x100000466, !registered, !matched, active, busy 0,
retain 5>
    ||| {
    ||| "IOProbeScore" = 0x0
    ||| "CFBundleIdentifier" = "com.apple.IOTextEncryptionFamily"
    ||| "IOMatchCategory" = "AppleFairplayTextCrypter"
    ||| "IOClass" = "AppleFairplayTextCrypter"
    ||| "IOPersonalityPublisher" = "com.apple.IOTextEncryptionFamily"
    ||| "IOProviderClass" = "IOResources"
    ||| "CFBundleIdentifierKernel" = "com.apple.IOTextEncryptionFamily"
    ||| "IOMatchedAtBoot" = Yes
    ||| "IOResourceMatch" = "IOBSD"
    ||| }
    |||
    ||| +-o AppleNullTextCrypter <class AppleNullTextCrypter, id 0x100000467, !registered, !matched, active, busy 0, retain
5>
    ||| {
    ||| "IOProbeScore" = 0x0
    ||| "CFBundleIdentifier" = "com.apple.IOTextEncryptionFamily"
    ||| "IOMatchCategory" = "AppleNullTextCrypter"
    ||| "IOClass" = "AppleNullTextCrypter"
    ||| "IOPersonalityPublisher" = "com.apple.IOTextEncryptionFamily"
    ||| "IOProviderClass" = "IOResources"
    ||| "CFBundleIdentifierKernel" = "com.apple.IOTextEncryptionFamily"
    ||| "IOMatchedAtBoot" = Yes
    ||| "IOResourceMatch" = "IOBSD"
    ||| }
    |||
    ||| +-o com_apple_filesystems_apfs <class com_apple_filesystems_apfs, id 0x100000468, !registered, !matched, active,
busy 0, retain 4>
    ||| {
    ||| "IOProbeScore" = 0x0
    ||| "CFBundleIdentifier" = "com.apple.filesystems.apfs"
    ||| "IOMatchCategory" = "com_apple_filesystems_apfs"
    ||| "IOClass" = "com_apple_filesystems_apfs"
    ||| "IOPersonalityPublisher" = "com.apple.filesystems.apfs"
    ||| "IOProviderClass" = "IOResources"
    ||| "CFBundleIdentifierKernel" = "com.apple.filesystems.apfs"
    ||| "IOMatchedAtBoot" = Yes
    ||| "IOResourceMatch" = "IOBSD"
    ||| }
    |||
    ||| +-o com_apple_filesystems_lifs <class com_apple_filesystems_lifs, id 0x100000469, registered, matched, active,
busy 0 (14 ms), retain 5>
    ||| {
    ||| "IOProbeScore" = 0x0
    ||| "CFBundleIdentifier" = "com.apple.filesystems.lifs"
    ||| "IOMatchCategory" = "com_apple_filesystems_lifs"
    ||| "IOClass" = "com_apple_filesystems_lifs"
    ||| "IOPersonalityPublisher" = "com.apple.filesystems.lifs"
    ||| "IOProviderClass" = "IOResources"
    ||| "CFBundleIdentifierKernel" = "com.apple.filesystems.lifs"
    ||| "IOMatchedAtBoot" = Yes
    ||| "IOUserClientClass" = "AppleLIFSUserClient"
    ||| "IOResourceMatch" = "IOBSD"

```



```
    || }
    ||
    || +-o AppleBSDKextStarterTMPFS <class AppleBSDKextStarter, id 0x10000046a, !registered, !matched, active, busy 0,
retain 4>
    || {
    ||   "IOName" = "AppleBSDKextStarterTMPFS"
    ||   "CFBundleIdentifier" = "com.apple.driver.AppleBSDKextStarter"
    ||   "IOMatchCategory" = "com_apple_driver_AppleBSDKextStarterTMPFS"
    ||   "IOClass" = "AppleBSDKextStarter"
    ||   "AppleBSDKextStarterBundleIdentifiers" = "com.apple.filesystems.tmpfs"
    ||   "IOPersonalityPublisher" = "com.apple.driver.AppleBSDKextStarterTMPFS"
    ||   "IOProviderClass" = "IOResources"
    ||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleBSDKextStarter"
    ||   "IOProbeScore" = 0x0
    ||   "IOMatchedAtBoot" = Yes
    ||   "IOResourceMatch" = "IOBSD"
    || }
    ||
    || +-o AppleBSDKextStarterVPN <class AppleBSDKextStarter, id 0x10000046b, !registered, !matched, active, busy 0,
retain 4>
    || {
    ||   "IOName" = "AppleBSDKextStarterVPN"
    ||   "CFBundleIdentifier" = "com.apple.driver.AppleBSDKextStarter"
    ||   "IOMatchCategory" = "com_apple_driver_AppleBSDKextStarterVPN"
    ||   "IOClass" = "AppleBSDKextStarter"
    ||   "AppleBSDKextStarterBundleIdentifiers" = ("com.apple.nke.ppp","com.apple.nke.l2tp","com.apple.nke.pptp")
    ||   "IOPersonalityPublisher" = "com.apple.driver.AppleBSDKextStarterVPN"
    ||   "IOProviderClass" = "IOResources"
    ||   "CFBundleIdentifierKernel" = "com.apple.driver.AppleBSDKextStarter"
    ||   "IOProbeScore" = 0x0
    ||   "IOMatchedAtBoot" = Yes
    ||   "IOResourceMatch" = "IOBSD"
    || }
    ||
    || +-o IOAVBNUb <class IOAVBNUb, id 0x1000009f4, registered, matched, active, busy 0 (0 ms), retain 5>
    || {
    ||   "IOProbeScore" = 0x0
    ||   "CFBundleIdentifier" = "com.apple.iokit.IOAVBFamily"
    ||   "IOMatchCategory" = "IOAVBNUb"
    ||   "IOClass" = "IOAVBNUb"
    ||   "IOPersonalityPublisher" = "com.apple.iokit.IOAVBFamily"
    ||   "IOProviderClass" = "IOResources"
    ||   "CFBundleIdentifierKernel" = "com.apple.iokit.IOAVBFamily"
    ||   "IOMatchedAtBoot" = Yes
    ||   "IOUserClientClass" = "IOAVBNUbUserClient"
    ||   "IOResourceMatch" = "IOTimeSyncClockManager"
    || }
    ||
    || +-o AppleSCSISubsystemGlobals <class AppleSCSISubsystemGlobals, id 0x100000a3c, registered, matched, active,
busy 0 (0 ms), retain 6>
    || {
    ||   "IOProbeScore" = 0x0
    ||   "CFBundleIdentifier" = "com.apple.iokit.IOSCSIArchitectureModelFamily"
    ||   "IOMatchCategory" = "com.apple.iokit.IOSCSIArchitectureModelFamily"
    ||   "IOClass" = "AppleSCSISubsystemGlobals"
    ||   "IOPersonalityPublisher" = "com.apple.iokit.IOSCSIArchitectureModelFamily"
    ||   "IOProviderClass" = "IOResources"
    ||   "CFBundleIdentifierKernel" = "com.apple.iokit.IOSCSIArchitectureModelFamily"
    ||   "IOMatchedAtBoot" = Yes
    ||   "IOResourceMatch" = "com.apple.iokit.SCSISubsystemGlobals"
    || }
    ||
    || +-o IOUserResources <class IOUserResources, id 0x10000022e, registered, matched, active, busy 0 (0 ms), retain 6>
    || {
    ||   "IOKit" = "IOService"
    ||   "IOResourceMatched" = ("IOKit")
    || }
    ||
    || +-o IOUserServer(com.apple.driverkit.AppleUserHIDDrivers-0x100000b5b) <class IOUserServer, id 0x100000b69,
registered, matched, active, busy 0 (0 ms), retain 17>
    || {
    ||   "IOUserClientDefaultLocking" = Yes
    ||   "IOPowerManagement" = {"CapabilityFlags"=0x0,"MaxPowerState"=0x2,"CurrentPowerState"=0x0}
    ||   "IOUserClientCreator" = "pid 552, com.apple.AppleU"
    ||   "IOUserServerName" = "com.apple.driverkit.AppleUserHIDDrivers"
    ||   "IOUserServerTag" = 0x100000b5b
    ||   "IOAssociatedServices" = (0x100000b5e,0x100000b5b,0x100000b66,0x100000b72)
    || }
    ||
    || +-o IOUserServer(com.apple.DriverKit.AppleUserECM.data-0x100000b61) <class IOUserServer, id 0x100000b77,
registered, matched, active, busy 0 (0 ms), retain 11>
    || {
    ||   "IOUserClientDefaultLocking" = Yes
    ||   "IOPowerManagement" = {"CapabilityFlags"=0x0,"MaxPowerState"=0x2,"CurrentPowerState"=0x0}
    ||   "IOUserClientCreator" = "pid 557, com.apple.Driver"
    ||   "IOUserServerName" = "com.apple.DriverKit.AppleUserECM.data"
    ||   "IOUserServerTag" = 0x100000b61
    ||   "IOAssociatedServices" = (0x100000b61)
    || }
    ||
    || +-o IOUserServer(com.apple.DriverKit.AppleUserECM.ctrl-0x100000b64) <class IOUserServer, id 0x100000b79,
registered, matched, active, busy 0 (0 ms), retain 11>
    || {
    ||   "IOUserClientDefaultLocking" = Yes
    ||   "IOPowerManagement" = {"CapabilityFlags"=0x0,"MaxPowerState"=0x2,"CurrentPowerState"=0x0}
    ||   "IOUserClientCreator" = "pid 559, com.apple.Driver"
    ||   "IOUserServerName" = "com.apple.DriverKit.AppleUserECM.ctrl"
    ||   "IOUserServerTag" = 0x100000b64
    ||   "IOAssociatedServices" = (0x100000b64)
    || }
    ||
    || +-o IOUserServer(tw.com.mct.mcttriggerdriver.driver.MCTTrigger6-0x100000b60) <class IOUserServer, id
0x100000dd1, registered, matched, active, busy 0 (1 ms), retain 13>
    || {
    ||   "IOUserClientDefaultLocking" = Yes
    ||   "IOPowerManagement" = {"CapabilityFlags"=0x0,"MaxPowerState"=0x2,"CurrentPowerState"=0x0}
    ||   "IOUserClientCreator" = "pid 553, tw.com.mct.mcttr"
    ||   "IOUserServerName" = "tw.com.mct.mcttriggerdriver.driver.MCTTrigger6"
```

```

    | "IOUserServerTag" = 0x100000b60
    | "IOAssociatedServices" = (0x100000b60,0x100000dd6,0x100000dd7)
    | }
    | }
+--o IOUserServer(com.apple.IOUserBluetoothSerialDriver-0x100001156) <class IOUserServer, id 0x100001157,
registered, matched, active, busy 0 (0 ms), retain 14>
{
    "IOUserClientDefaultLocking" = Yes
    "IOPowerManagement" = {"CapabilityFlags"=0x0,"MaxPowerState"=0x2,"CurrentPowerState"=0x0}
    "IOUserClientCreator" = "pid 1405, IOUserBluetoothS"
    "IOUserServerName" = "com.apple.IOUserBluetoothSerialDriver"
    "IOUserServerTag" = 0x100001156
    "IOAssociatedServices" = (0x100001156,0x100001158,0x100001159,0x10000115b)
}

```

Power Management logs:

Source: [/usr/bin/pmset -g log](#)

Size: 66 KB (66,442 bytes)

Last Modified: 8/7/22, 12:02 PM

Recent Contents:

```

2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context2909.preventuseridlesleep" 02:16:15 id:0x0x100009f00 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context2996.preventuseridlesleep" 00:18:10 id:0x0x50000a653 [System: Previdle DeclUser
kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 417(AirPlayXPCHelper) Released PreventUserIdleSystemSleep
"com.apple.airplay.APAudioEngineBuffered.timed" 02:14:43 id:0x0x100009ffc [System: Previdle DeclUser kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context2996.preventuseridlesleep" 00:18:10 id:0x0x10000a651 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 417(AirPlayXPCHelper) Released PreventUserIdleSystemSleep
"com.apple.airplay.APAudioEngineBuffered.timed" 02:14:49 id:0x0x100009ff5 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 417(AirPlayXPCHelper) Released PreventUserIdleSystemSleep
"com.apple.airplay.APAudioEngineBuffered.counted" 02:14:43 id:0x0x100009ffb [System: Previdle DeclUser kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 417(AirPlayXPCHelper) Released PreventUserIdleSystemSleep
"com.apple.airplay.APAudioEngineBuffered.counted" 02:14:49 id:0x0x100009ff4 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3014.preventuseridlesleep" 00:18:10 id:0x0x50000a69b [System: Previdle DeclUser
kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context3014.preventuseridlesleep" 00:18:10 id:0x0x10000a699 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.BuiltInSpeakerDevice.context.preventuseridlesleep" 01:51:12 id:0x0x50000a14f [System:
Previdle DeclUser kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.BuiltInSpeakerDevice.context.preventuseridlesleep" 01:50:52 id:0x0x10000a14e [System: Previdle
DeclUser kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context2918.preventuseridlesleep" 01:51:12 id:0x0x50000a153 [System: Previdle DeclUser
kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context2918.preventuseridlesleep" 01:51:12 id:0x0x10000a152 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context2919.preventuseridlesleep" 01:51:12 id:0x0x50000a157 [System: Previdle DeclUser
kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context2919.preventuseridlesleep" 01:51:12 id:0x0x10000a156 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context2993.preventuseridlesleep" 00:18:10 id:0x0x50000a648 [System: Previdle DeclUser
kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context2993.preventuseridlesleep" 00:18:10 id:0x0x10000a645 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3011.preventuseridlesleep" 00:18:10 id:0x0x50000a690 [System: Previdle DeclUser
kDisp]
2022-08-07 09:34:08 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context3011.preventuseridlesleep" 00:18:10 id:0x0x10000a68d [System: Previdle DeclUser kDisp]
2022-08-07 09:34:39 -0700 Assertions      PID 417(AirPlayXPCHelper) Released PreventUserIdleSystemSleep
"com.apple.airplay.APAudioEngineBuffered.timed" 15:34:09 id:0x0x10000a111 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:39 -0700 Assertions      PID 417(AirPlayXPCHelper) Released PreventUserIdleSystemSleep
"com.apple.airplay.APAudioEngineBuffered.counted" 15:34:09 id:0x0x10000a110 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:39 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context1091.preventuseridlesleep" 15:34:09 id:0x0x50000a0f5 [System: Previdle DeclUser
kDisp]
2022-08-07 09:34:39 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context1091.preventuseridlesleep" 15:34:09 id:0x0x10000a0f4 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:39 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context1092.preventuseridlesleep" 15:34:09 id:0x0x50000a0f9 [System: Previdle DeclUser
kDisp]
2022-08-07 09:34:39 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context1092.preventuseridlesleep" 15:34:09 id:0x0x10000a0f8 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:39 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.CADefaultDeviceAggregate-13408-0.context.preventuseridlesleep" 15:34:09 id:0x0x50000a109
[System: Previdle DeclUser kDisp]
2022-08-07 09:34:39 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.CADefaultDeviceAggregate-13408-0.context.preventuseridlesleep" 15:34:04 id:0x0x10000a108
[System: Previdle DeclUser kDisp]
2022-08-07 09:34:39 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context2706.preventuseridlesleep" 02:51:59 id:0x0x500009be5 [System: Previdle DeclUser
kDisp]
2022-08-07 09:34:39 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context2706.preventuseridlesleep" 02:51:59 id:0x0x100009be2 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:39 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3000.preventuseridlesleep" 00:18:41 id:0x0x50000a663 [System: Previdle DeclUser
kDisp]
2022-08-07 09:34:39 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context3000.preventuseridlesleep" 00:18:41 id:0x0x10000a661 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:39 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3015.preventuseridlesleep" 00:18:41 id:0x0x50000a69f [System: Previdle DeclUser
kDisp]
2022-08-07 09:34:39 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context3015.preventuseridlesleep" 00:18:41 id:0x0x10000a69d [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.BuiltInSpeakerDevice.context.preventuseridlesleep" 40:47:11 id:0x0x500008370 [System:
Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions      PID 440(coreaudioid) Released PreventUserIdleSystemSleep

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"com.apple.audio.BuiltInSpeakerDevice.context.preventuseridlesleep" 00:43:09 id:0x0x10000836f [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.BuiltInMicrophoneDevice.context.preventuseridledisplaysleep" 40:47:11 id:0x0x500008374 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.BuiltInMicrophoneDevice.context.preventuseridlesleep" 19:20:18 id:0x0x100008373 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context2702.preventuseridledisplaysleep" 02:52:01 id:0x0x500009bd6 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context2702.preventuseridlesleep" 02:52:01 id:0x0x100009bd1 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context2998.preventuseridledisplaysleep" 00:18:43 id:0x0x50000a65b [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context2998.preventuseridlesleep" 00:18:43 id:0x0x10000a659 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3012.preventuseridledisplaysleep" 00:18:43 id:0x0x50000a694 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context3012.preventuseridlesleep" 00:18:43 id:0x0x10000a691 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context229.preventuseridledisplaysleep" 39:23:38 id:0x0x50000870f [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context229.preventuseridlesleep" 39:23:38 id:0x0x10000870e [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context230.preventuseridledisplaysleep" 39:23:38 id:0x0x500008713 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context230.preventuseridlesleep" 39:23:38 id:0x0x100008712 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context2701.preventuseridledisplaysleep" 02:52:01 id:0x0x500009bd3 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context2701.preventuseridlesleep" 02:52:01 id:0x0x100009bcf [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context2995.preventuseridledisplaysleep" 00:18:43 id:0x0x50000a64f [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context2995.preventuseridlesleep" 00:18:43 id:0x0x10000a64d [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3017.preventuseridledisplaysleep" 00:18:43 id:0x0x50000a6a8 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context3017.preventuseridlesleep" 00:18:43 id:0x0x10000a6a5 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context96.preventuseridledisplaysleep" 40:55:12 id:0x0x50000804e [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context96.preventuseridlesleep" 40:55:12 id:0x0x10000804d [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context97.preventuseridledisplaysleep" 40:55:12 id:0x0x500008052 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context97.preventuseridlesleep" 40:55:12 id:0x0x100008051 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context2703.preventuseridledisplaysleep" 02:52:02 id:0x0x500009be1 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context2703.preventuseridlesleep" 02:52:02 id:0x0x100009bd9 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3001.preventuseridledisplaysleep" 00:18:43 id:0x0x50000a668 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context3001.preventuseridlesleep" 00:18:43 id:0x0x10000a665 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3016.preventuseridledisplaysleep" 00:18:43 id:0x0x50000a6a4 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context3016.preventuseridlesleep" 00:18:43 id:0x0x10000a6a1 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context100.preventuseridledisplaysleep" 40:55:08 id:0x0x500008073 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context100.preventuseridlesleep" 40:55:08 id:0x0x100008072 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context101.preventuseridledisplaysleep" 40:55:08 id:0x0x500008077 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context101.preventuseridlesleep" 40:55:08 id:0x0x100008076 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context2709.preventuseridledisplaysleep" 02:52:02 id:0x0x500009bef [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context2709.preventuseridlesleep" 02:52:02 id:0x0x100009bee [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3004.preventuseridledisplaysleep" 00:18:43 id:0x0x50000a672 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context3004.preventuseridlesleep" 00:18:43 id:0x0x10000a671 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleDisplaySleep
"com.apple.audio.context3013.preventuseridledisplaysleep" 00:18:43 id:0x0x50000a697 [System: Previdle DeclUser kDisp]
2022-08-07 09:34:41 -0700 Assertions PID 440(coreaudioid) Released PreventUserIdleSystemSleep
"com.apple.audio.context3013.preventuseridlesleep" 00:18:43 id:0x0x10000a695 [System: Previdle DeclUser kDisp]
Sleep/Wakes since boot at 2022-08-05 16:39:25 -0700 :0 Dark Wake Count in this sleep cycle:16

```

Time stamp	Domain	Message	Duration	Delay
=====	=====	=====	=====	=====
UUID: (null)				
2022-08-07 09:56:01 -0700	Start	powerd process is started		
2022-08-07 09:56:01 -0700	Assertions	Summary- [System: No Assertions] Using AC(Charge: 100)		
2022-08-07 09:56:01 -0700	Assertions	PID 363(powerd) Created ExternalMedia		
2022-08-07 09:56:02 -0700	Notification	Display is turned on		
2022-08-07 09:56:02 -0700	Assertions	PID 363(powerd) Created UserIsActive "com.apple.powerd.ws.initialize"		
00:00:00 id:0x0x900008028		[System: Previdle DeclUser kDisp]		

2022-08-07 09:56:04 -0700 Assertions PID 450(PowerUIAgent) Created MaintenanceWake "com.apple.abc"
00:00:00 id:0x0d00008043 [System: Previdle DeclUser SRPrevSleep kCPU kDisp]
2022-08-07 09:56:04 -0700 Assertions PID 450(PowerUIAgent) Released MaintenanceWake "com.apple.abc"
00:00:00 id:0x0d00008043 [System: Previdle DeclUser kDisp]
2022-08-07 09:56:06 -0700 Assertions PID 426(WindowServer) Created UserIsActive
"com.apple.iohideventsystem.queue.tickle serviceID:1000004b2 name:IOHIDSystem product:NULL eventType:1" 00:00:00
id:0x0900008069 [System: Previdle DeclUser kDisp]
2022-08-07 09:56:24 -0700 Assertions PID 415(bluetoothd) Created UserIsActive "Bluetooth LE HID Activity"
00:00:00 id:0x090000813a [System: Previdle DeclUser IPushSrcv kDisp]
2022-08-07 09:58:08 -0700 Assertions PID 377(mds) Released BackgroundTask
"com.apple.metadata.mds.power" 00:02:04 id:0x0b00008044 [System: Previdle DeclUser kDisp]
2022-08-07 09:59:24 -0700 Assertions PID 593(mds_stores) Released BackgroundTask
"com.apple.metadata.mds_stores.power" 00:03:08 id:0x0b000080cd [System: Previdle DeclUser kDisp]
2022-08-07 10:09:07 -0700 Assertions PID 593(mds_stores) Released BackgroundTask
"com.apple.metadata.mds_stores.power" 00:01:57 id:0x0b00008382 [System: Previdle DeclUser kDisp]
2022-08-07 10:10:38 -0700 Assertions PID 450(PowerUIAgent) Created MaintenanceWake "com.apple.abc"
00:00:00 id:0x0d000083ba [System: Previdle DeclUser SRPrevSleep kCPU kDisp]
2022-08-07 10:10:38 -0700 Assertions PID 450(PowerUIAgent) Released MaintenanceWake "com.apple.abc"
00:00:00 id:0x0d000083ba [System: Previdle DeclUser kDisp]
2022-08-07 10:12:40 -0700 Assertions PID 728(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:01:58 id:0x0x1000083bd [System: Previdle DeclUser kDisp]
2022-08-07 10:13:56 -0700 Assertions PID 728(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:01:13 id:0x0x1000083eb [System: Previdle DeclUser kDisp]
2022-08-07 10:14:28 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x500008429 [System: Previdle PrevDisp DeclUser kDisp]
2022-08-07 10:14:28 -0700 Assertions PID 363(powerd) Created InternalPreventDisplaySleep
"com.apple.powermanagement.delayDisplayOff" 00:00:00 id:0x0x10000842a [System: Previdle PrevDisp DeclUser
IntPrevDisp kDisp]
2022-08-07 10:14:28 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x500008429 [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:14:28 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x50000842b [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:15:22 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:54 id:0x0x50000842b [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:15:23 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x500008436 [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:15:23 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x500008436 [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:15:23 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x500008437 [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:18:24 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:03:01 id:0x0x500008437 [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:18:26 -0700 Assertions PID 640(Google Chrome) Released NoidleSleepAssertion "Playing audio"
00:03:58 id:0x0x10000842c [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:18:34 -0700 Assertions PID 467(coreaudiod) TurnedOff PreventUserIdleSystemSleep
"com.apple.audio.BuiltInSpeakerDevice.context.preventuseridlesleep" 00:03:11 id:0x0x10000841b [System: Previdle
DeclUser IntPrevDisp kDisp]
2022-08-07 10:18:34 -0700 Assertions PID 728(sharingd) Released PreventUserIdleSystemSleep "Handoff"
00:04:08 id:0x0x100008414 [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:19:12 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x500008492 [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:20:02 -0700 Assertions PID 363(powerd) TimedOut UserIsActive "com.apple.powerd.ws.initialize"
00:23:59 id:0x0x900008028 [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:20:02 -0700 Assertions Summary- [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp] Using
AC(Charge: 100)
2022-08-07 10:20:24 -0700 Assertions PID 415(bluetoothd) TimedOut UserIsActive "Bluetooth LE HID Activity"
00:23:59 id:0x0x90000813a [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:22:06 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:02:54 id:0x0x500008492 [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:22:08 -0700 Assertions PID 640(Google Chrome) Released NoidleSleepAssertion "Playing audio"
00:02:56 id:0x0x100008493 [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:22:16 -0700 Assertions PID 467(coreaudiod) TurnedOff PreventUserIdleSystemSleep
"com.apple.audio.BuiltInSpeakerDevice.context.preventuseridlesleep" 00:03:04 id:0x0x10000841b [System: Previdle
DeclUser IntPrevDisp kDisp]
2022-08-07 10:25:10 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x500008569 [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:25:23 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:12 id:0x0x500008569 [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:26:44 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x5000085b2 [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:27:03 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:18 id:0x0x5000085b2 [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:27:04 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x5000085b7 [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:27:17 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:13 id:0x0x5000085b7 [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:29:29 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x50000865d [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:29:44 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:14 id:0x0x50000865d [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:29:55 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x500008664 [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:30:42 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:47 id:0x0x500008664 [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:31:35 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x50000868f [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:31:38 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:03 id:0x0x50000868f [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:32:00 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x5000086a4 [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:32:07 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:06 id:0x0x5000086a4 [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:32:15 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x5000086a7 [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:32:21 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:06 id:0x0x5000086a7 [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:32:30 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x5000086ac [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:32:37 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:06 id:0x0x5000086ac [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:33:10 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x5000086d2 [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:33:11 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:01 id:0x0x5000086d2 [System: Previdle DeclUser IntPrevDisp kDisp]
2022-08-07 10:34:05 -0700 Assertions PID 640(Google Chrome) Created NoDisplaySleepAssertion "Video Wake
Lock" 00:00:00 id:0x0x50000870d [System: Previdle PrevDisp DeclUser IntPrevDisp kDisp]
2022-08-07 10:34:16 -0700 Assertions PID 640(Google Chrome) Released NoDisplaySleepAssertion "Video Wake
Lock" 00:00:11 id:0x0x50000870d [System: Previdle DeclUser IntPrevDisp kDisp]

2022-08-07 11:16:56 -0700 Assertions PID 467(coreaudioid) Released PreventUserIdleDisplaySleep
 "com.apple.audio.context100.preventuseridledisplay" 01:20:51 id:0x0x50000805a [System: Prevlde DeclUser kDisp]
 2022-08-07 11:16:56 -0700 Assertions PID 467(coreaudioid) Released PreventUserIdleSystemSleep
 "com.apple.audio.context100.preventuseridlesleep" 01:20:51 id:0x0x100008059 [System: Prevlde DeclUser kDisp]
 2022-08-07 11:16:56 -0700 Assertions PID 467(coreaudioid) Released PreventUserIdleDisplaySleep
 "com.apple.audio.context101.preventuseridledisplay" 01:20:51 id:0x0x50000805e [System: Prevlde DeclUser kDisp]
 2022-08-07 11:16:56 -0700 Assertions PID 467(coreaudioid) Released PreventUserIdleSystemSleep
 "com.apple.audio.context101.preventuseridlesleep" 01:20:51 id:0x0x10000805d [System: Prevlde DeclUser kDisp]
 2022-08-07 11:16:56 -0700 Assertions PID 420(AirPlayXPCHelper) Released PreventUserIdleSystemSleep
 "com.apple.airplay.APAudioEngineBuffered.timed" 01:14:57 id:0x0x10000835e [System: Prevlde DeclUser kDisp]
 2022-08-07 11:16:56 -0700 Assertions PID 420(AirPlayXPCHelper) Released PreventUserIdleSystemSleep
 "com.apple.airplay.APAudioEngineBuffered.counted" 01:14:57 id:0x0x10000835d [System: Prevlde DeclUser kDisp]
 Sleep/Wakes since boot at 2022-08-07 09:56:01 -0700 :0 Dark Wake Count in this sleep cycle:16

Time stamp	Domain	Message	Duration	Delay
===== UID: (null)	=====	=====	=====	=====
2022-08-07 11:17:42 -0700 Start		powerd process is started		
2022-08-07 11:17:42 -0700 Assertions		Summary- [System: No Assertions] Using AC(Charge: 100)		
2022-08-07 11:17:42 -0700 Assertions		PID 357(powerd) Created ExternalMedia		
"com.apple.powermanagement.externalmediamounted"		00:00:00 id:0x0x800008000 [System: No Assertions]		
2022-08-07 11:17:43 -0700 Notification		Display is turned on		
2022-08-07 11:17:43 -0700 Assertions		PID 357(powerd) Created UserIsActive "com.apple.powerd.ws.initialize"		
00:00:00 id:0x0x900008026 [System: Prevlde DeclUser kDisp]				
2022-08-07 11:17:44 -0700 Assertions		PID 448(PowerUIAgent) Created MaintenanceWake "com.apple.obc"		
00:00:00 id:0x0xd00008041 [System: Prevlde DeclUser SRPrevSleep kCPU kDisp]				
2022-08-07 11:17:44 -0700 Assertions		PID 448(PowerUIAgent) Released MaintenanceWake "com.apple.obc"		
00:00:00 id:0x0xd00008041 [System: Prevlde DeclUser kDisp]				
2022-08-07 11:17:45 -0700 Assertions		PID 420(WindowServer) Created UserIsActive		
"com.apple.iohideventsystem.queue.tickle serviceID:10000086d name:NULL product:Apple Internal Keyb eventType:11"				
00:00:00 id:0x0x90000804e [System: Prevlde DeclUser kDisp]				
2022-08-07 11:19:31 -0700 Assertions		PID 371(mds) Released BackgroundTask "com.apple.metadata.mds.power"		
00:01:38 id:0x0xb0000809b [System: Prevlde DeclUser kDisp]				
2022-08-07 11:19:41 -0700 Assertions		PID 584(mds_stores) Released BackgroundTask		
"com.apple.metadata.mds_stores.power" 00:01:38 id:0x0xb00008173 [System: Prevlde DeclUser kDisp]				
2022-08-07 11:32:08 -0700 Assertions		PID 448(PowerUIAgent) Created MaintenanceWake "com.apple.obc"		
00:00:00 id:0x0xd00008373 [System: Prevlde DeclUser SRPrevSleep kCPU kDisp]				
2022-08-07 11:32:08 -0700 Assertions		PID 448(PowerUIAgent) Released MaintenanceWake "com.apple.obc"		
00:00:00 id:0x0xd00008373 [System: Prevlde DeclUser kDisp]				
2022-08-07 11:41:43 -0700 Assertions		PID 357(powerd) TimedOut UserIsActive "com.apple.powerd.ws.initialize"		
00:24:00 id:0x0x900008026 [System: Prevlde DeclUser kDisp]				
2022-08-07 11:41:43 -0700 Assertions		Summary- [System: Prevlde DeclUser kDisp] Using AC(Charge: 100)		
2022-08-07 11:49:39 -0700 Assertions		PID 707(sharingd) Released PreventUserIdleSystemSleep "Handoff"		
00:05:17 id:0x0x100008409 [System: Prevlde DeclUser kDisp]				
2022-08-07 11:55:52 -0700 Assertions		PID 707(sharingd) Released PreventUserIdleSystemSleep "Handoff"		
00:01:19 id:0x0x100008470 [System: Prevlde DeclUser kDisp]				

Total Sleep/Wakes since boot at 2022-08-07 11:17:42 -0700 :0

2022-08-07 12:02:11 -0700 : Showing all currently held IOKit power assertions

Assertion status system-wide:

```
BackgroundTask          0
ApplePushServiceTask    0
UserIsActive            1
PreventUserIdleDisplaySleep 0
PreventSystemSleep      0
ExternalMedia           1
PreventUserIdleSystemSleep 1
NetworkClientActive     0
```

Listed by owning process:

pid 357(powerd): [0x0000001e00018025] 00:44:28 PreventUserIdleSystemSleep named: "Powerd - Prevent sleep while display is on"

pid 357(powerd): [0x0000001d00088000] 00:44:29 ExternalMedia named:

"com.apple.powermanagement.externalmediamounted"

pid 420(WindowServer): [0x000000200009804e] 00:00:00 UserIsActive named:

"com.apple.iohideventsystem.queue.tickle serviceID:100000b72 name:AppleUserHIDEventSe product:USB Optical Mouse eventType:17"

Timeout will fire in 1440 secs Action=TimeoutActionRelease

Kernel Assertions: 0x10c=USB,BT-HID,MAGICWAKE

id=506 level=255 0x4=USB creat=8/7/22, 11:31 AM description=com.apple.usb.externaldevice.00200000

owner=USB3.0 Hub

id=508 level=255 0x4=USB creat=8/7/22, 11:17 AM description=com.apple.usb.externaldevice.00100000 owner=USB2.0 Hub

id=512 level=255 0x4=USB creat=8/7/22, 11:30 AM description=com.apple.usb.externaldevice.00110000 owner=Printer

id=513 level=255 0x4=USB creat=8/7/22, 11:17 AM description=com.apple.usb.externaldevice.00120000 owner=Mass Storage

id=514 level=255 0x4=USB creat=8/7/22, 11:18 AM description=com.apple.usb.externaldevice.00150000 owner=USB Billboard Device

id=515 level=255 0x4=USB creat=8/7/22, 11:20 AM description=com.apple.usb.externaldevice.00232000 owner=USB3.0 Card Reader

id=516 level=255 0x4=USB creat=8/7/22, 11:25 AM description=com.apple.usb.externaldevice.00131000 owner=USB Optical Mouse

id=517 level=255 0x4=USB creat=8/7/22, 11:31 AM description=com.apple.usb.externaldevice.00233000 owner=USB 10/100/1000 LAN

id=518 level=255 0x100=MAGICWAKE creat=8/7/22, 11:28 AM description=en0 owner=IOSkywalkNetworkBSDClient

id=520 level=255 0x8=BT-HID creat=8/7/22, 11:49 AM description=com.apple.driver.IOBluetoothHIDDriver

owner=AppleHSBluetoothDevice