Process Executor

SQL Script List – Introductory Bundle

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Externalize the use of Microsoft SQL functions to do common MAX maintenance tasks and improve processes.

SKU	Name and Description	List Price
PROCESS EXECUTOR		
MXPROEX	Provides the ability to externalize a SQL Stored procedure so that normal users can securely and safely run scripts. Can be launched from the MAX Tools Menu or the MAX Control Panel. All the following scripts are executed with the Process Executor.[1]	$675
SQL-SHELL	**SQL Script Shell** This procedure can be used as a template for to create your own stored procedures for operating in the Process Executor.	$0
INTRODUCTION BUNDLE – SCRIPTS FOR PROCESS EXECUTOR		
SQL-INTRO	**Introductory Bundle** All 15 of the scripts listed in this document. Purchase the bundle and save 40% off individual prices. Process Executor purchased separately.	$2,100
Accounting Series		
SQL-003	**Material Overhead Update** This procedure prompts for a new material overhead rate (fixed overhead) and then updates the fixed overhead rate (material burden %) on all purchased parts in the MAX Part Master table with that rate, calculating the new total cost as it goes. This guarantees that all purchased parts carry the correct amount of material burden and that the total part cost is calculated properly during the change. This event will trigger a MAX Stock Revaluation transaction (if in use). Supports Excel Import and Paste. Note: Due to the changes in Part Master cost fields, this script was written for MAX v5.5.4 and later.	$250
SQL-029	**Update Material Cost** This procedure allows for the material or subcontract cost to be updated for a single part, or a spreadsheet containing updated material and subcontract costs to be loaded into MAX. As costs are updated, the total part cost is recalculated.	$250
Engineering Series		
SQL-013	**Clone Part** This procedure prompts you for a single, existing part number and a new part number. Upon execution, it creates the new part with the same component part strategy as the existing. If the existing part has a part sales record, and price breaks, they are copied as well. Individual fields	$250

[1] See "MAX Process Executor Factsheet", October 2018.

	for the new part can be set for local policies. The option to copy, or not copy the descriptions, The benefit of cloning parts is obtaining a new part number, almost exactly like an existing part without manually entering all the component part strategy (i.e., Part Master) information.	
SQL-013a	**Clone to Existing Part** This procedure prompts you for a single, existing part number and a new part number which must exist. Upon execution, it copies everything but the descriptions and production date over to the new part. It does not change Part Sales info.	$250
SQL-010	**Consolidated BOM Generator** This application has two primary purposes: 1. Produce a true consolidated bill of material (BOM) (i.e., find the total quantities of each component part used in a multiple level BOM providing the total quantity of each Part Identifier used in all levels) – with the correct extended quantities. 2. Produce a simulated aggregate forecast (i.e., find the total quantities of component parts used in a list of Part IDs with different build quantities) for material quantities. This simulated list could be: A) a series of sales orders expected to be received, or 2) a series of sales order expected to be cancelled. Input of multiple order numbers, and corresponding quantities, are allowed. Multiple orders may also be loaded from an Excel spreadsheet. The output is a custom table which can be read by any of your reporting tools (i.e., Crystal Reports, Microsoft Excel, SSRS, etc.). This multi user procedure writes data to 3 custom tables with a flattened BOM for a single part based on the specified quantity. The tables can be used to make reports showing a complete requirements list. Supports Excel Import and Paste.	$250
Inventory Series		
SQL-039	**Clone Stock ID** This script clones the Stock Master record and all associated General Ledger Account table entries for a user define Stock ID.	$250
SQL-026	**Update Default Stock ID** This procedure updates the default Part Master Stock ID to a specified existing Stock ID. The user is prompted for an existing part number and an existing Stock ID. A list of part numbers and their default stockrooms may be loaded.	$250

System Series		
SQL-004	**Purge Printing Temporary Tables** This procedure was designed to remove all temporary tables left by MAX because of printing. These tables have file names beginning with numbers. Warning, if you have added custom tables with names beginning with characters less than "A" they will be removed. This script eliminates the build-up of useless tables in the system.	$250
SQL-005	**Purge MRP Temporary Tables** This script was designed to remove all temporary tables left by the MAX Materials Requirements Planning (MRP) Explosion. These tables are created when MRP is run manually, and users answer "yes" to the save prompt. These tables have file names beginning with dbo.MRP_Explosion yet contain dates. This script eliminates the build-up of useless tables in the system.	$250
SQL-019	**Populate Extended Table** Once an EXT table in MAX is created using the User Designed Filed Module, it is not populated with existing records. This procedure will populate the extended tables supported by MAX with data for all entries in the primary key of the source table to avoid NULL values when using the extended table in reports. The user is prompted for the table name to populate and a cutoff date. Fully populated tables make it easier for reporting and update functions as it eliminates the "null" condition.	$250
Planning Series		
SQL-033	**EAU Analysis** This procedure fills the Part Master extended table with Estimated Annual Usage (EAU) data, which is required for materials planners to be able to decide on the number of purchases per year and set lot sizes. The user is prompted for the fiscal year end month/day, and whether to create the extended fields and the extended fields are populated with part history (e.g., average monthly quantity, quarterly quantity, and annual quantity.	$250

Execution Series – Sales Order Processing		
SQL-015	**Sales Order Status Code Update** This script corrects planning orders with incorrect status codes. It replaces the Purge & Archive – Batch – Sales Order Update utility that was dropped from the MAX application but is still required. It verifies that the status codes between the Sales Order Detail, Order Master and Requirements Detail tables are the same. It assumes that the status code from the Sales Order Detail table is the "correct" status as it can be maintained by the user. The benefit of this script is that it keeps the status codes consistent/accurate in all three tables (e.g., Sales Order Detail, Order Master and Requirements Detail).	$250
Execution Series – Purchasing Control		
SQL-012	**Clone PO & NIPO** This procedure prompts for an existing Purchase Order or Non-Inventoried Purchase Order and new date. It allows buyers to clone (copy) an existing order, regardless of status, to a new released order with a new date. This was written for a Lean Manufacturing environment where the same parts and quantities are ordered on a repetitive (weekly) basis. One PO template can be used to copy to new POs as needed. At runtime, the existing template will be copied. This template may be changed. This allows for easily cloning an existing purchase orders saving keystrokes and time.	$250
SQL-017	**PO Cleanup** Occasionally, the PO Code (header) table record disappears, leaving a "ghost" Order Master record with no way to clear it. If these records remain, they could be incorrectly used as supply in the MRP process. Also, sometimes PO's are started and never completed leaving orphan PO Code records with no detail. These are also removed as are orphan records in purchasing related tables (PO Note and MAX Notes) if Order Master records are removed. This procedure will remove ghost records from PO tables 100 records at a time until complete.	$250

Warnings

Warning: SQL Scripts are installed in your MAX SQL Database and will add/change/delete your data.

Warning: All MMS SQL Scripts have been tested on actual MAX data and are proven to operate in that environment. This however does not guarantee results in your specific environment. This script must therefore 1) be installed by a qualified SQL Database Administrator and 2) tested on your RMTestServer or in a Pilot, Sandbox or Test database. Only when you are certain there is not side effects based upon your data should be installed in your Live MAX database.

Warning: Always verify you have a valid backup of the MAX Company where you are installing this script.

Support

For help on Process Executor, please contact:

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Custom scripts are available on request.

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