# Installing KCML manually

Steps to install manually.

1. SSH to the pack
2. Back up the existing kcml directory:

```
[kcc@qatest live]# cp -r kcml kcml_old
```

This is probably in /user1/live/

3. Switch to the "root" user

```
[kcc@qatest tmp]# sudo su
```

4. Go to /tmp and download the required KCML:
   To get the required url, start here:
   http://d-toolset-kcml.dslab.ad.adp.com/kcml/dist/07.16/
   navigate to required build number, and then get LINUX_2.6-x86/installdir/IMAGE.Z

```
[root@qatest]# cd /tmp
[root@qatest tmp]# wget http://d-toolset-kcml.dslab.ad.adp.com/kcml/dist/07.17/<BUILD_NUMBER>/LINUX_2.6-x86/in
```

5. Unpack the image

```
[root@qatest tmp]# gzip -d IMAGE.Z && cpio -iv < IMAGE kcmlinst
```

6. Install the new KCML:
   a. Launch the app

```
[root@qatest tmp]# ./kcmlinst -n
```

   b. Select option 1 to begin the installation

```
KCML Administration program Version 2.5
===============================================================================
Interrupt key = ^C
                 KCML administration menu
                 ========================
                 1       INSTALL the KCML Development system
                 2       UPGRADE the KCML Development system
                 3       REMOVE the KCML Development system
                 4       INSTALL/UPGRADE licence file
                 5       INSTALL KCML on n-tier Apps0
                 6       INSTALL KCML on n-tier Apps-nnn
                 9       Exit
                 Enter option number (1-9) : 1
```

   c. Press enter to accept the default (/tmp/IMAGE)

```
KCML Administration program Version 2.5
===============================================================================
Refer to the relevant page for your machine in Appendix A of the installation
notes for details of device addresses used by this machine.
Enter the image filename
(Press RETURN for /tmp/IMAGE) :
```

   d. Select "n" to specify installation options

```
KCML Administration program Version 2.5
===============================================================================
The following functions are performed by the automatic installation :
1.      The utilites directory (/usr/local/kcml) is created.
2.      The KCML files are copied from the media into the utilities directory.
```

```
3.      The TERMINFO database is compiled from the TERMINFO/src.
4.      A default TERMFILE is created in the KCML utilities directory.
If you wish to change any of these parameters then you should run the
installation manually.
Would you like this installation to run automatically? (y/n) : n
```

e. Enter the location for kcml to install into and press enter

```
KCML Administration program Version 2.5
================================================================================
tput: No value for $TERM and no -T specified
KCML Administration program Version 2.5
================================================================================
Enter the directory name in which to install the KCML utilities
Press RETURN for /usr/local/kcml : /user1/live/kcml
```

f. Enter the "kcc" user and press enter

```
KCML Administration program Version 2.5
================================================================================
Working ..... ./kcmlinst: line 1242: dc: command not found
Enter the owner of the KCML utilities.
(Press RETURN for bin) : kcc
```

g. Enter the "users" group and press enter

```
Enter the group owner of the KCML utilities.
(Press RETURN for bin) : users
```

h. Press enter to accept the default

```
Additional run-time library path
Press RETURN for /usr/lib/oracle/11.2/client/lib:
```

i. Press enter to return to the command line

```
KCML Administration program Version 2.5
================================================================================
Compiling TERMINFO database .....
Creating TERMFILE file .....
Checking permissions .....
Verifying K-ISAM files .....
The installation of the KCML utilities is now complete
See the installation notes for additional information about this release.

Before running the KCML utilities you will need a licence file.
Contact CDK Global (UK) Ltd with the following information:
AA11 0006 76E2 54FF
Copy the lic.txt file onto this machine and run the script,
/user1/live/kcml/kcmlinst.  Take option 4 to install the licence file.
                    Press RETURN key to continue
```

7. Log into the pack via KClient and make sure it works
8. Once your happy that its all working remove the backup you made of kcml

```
[root@qatest tmp]# rm -Rf /user1/live/kcml_old
```