IBM z/OS HCD & HCM Newsletter No 17

HCM now optional feature of OS/390

HCM is now an OS/390 optional feature

Today's enterprise environment offers more power and flexibility to configure your hardware and OS/390 operating system to best suit your business needs.

The challenge in configuration management is the complexity of maintaining **both the logical and physical configuration data**. HCM helps you get this complexity under control, that's why HCM became an OS/390 optional priced feature, starting with OS/390 Version 2 Release 4. OS/390 2.4 will be available September 26, 1997.

Advantages of getting HCM as OS/390 feature

- HCM 2.4.0 is pre-installed on the OS/390 system, you only need to notify IBM and to enable HCM (if it was not part of the original ordering).
- Integration tested with HCD and the OS/390 base.

What are the changes for current HCM users

- No changes for user on pre-versions of OS/390 Version 2, also the existing HCM 1.1.0 is still orderable for customers not yet on OS/390 Version 2.
- When migrating to OS/390 2.4 just order the HCM feature and discontinue the separate HCM license.
- HCM terms and conditions are the same for the OS/390 feature and the separate product.
- Future enhancements will only be available in the OS/390 feature.

New HCM functions in OS/390 V2R4

The HCM Import and Export facility allows the exchange of data between non-HCM processes, applications and data bases and the configuration data of HCM. The import and export data format used by HCM is designed to be compatible with relational databases. It is conceptually organized as tables, and the data exchange is done via data stored in tables as text files.

Using the **Import Data** function, existing physical configuration data of non-HCM applications can be used to update existing configuration data in HCM as well as to setup a new configuration file for HCM. Imported data overwrites existing HCM configuration data. In addition, import provides a method to build a configuration from the combination of a text file and an IODF.

Using the **Export Data** function, HCM work and production file configuration data can be used for non-HCM applications and databases (for example, asset management). HCM configuration data can be stored in an external database for example, to create reports tailored to customer needs.

These new functions allow import and export of physical configuration data for the various types of objects either in single steps or all at once. The following panel shows the possible selections in the export menu.
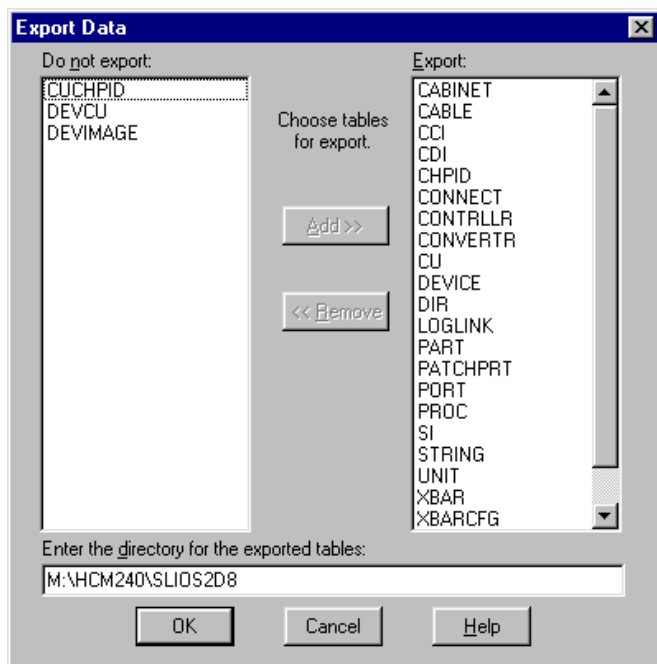
HCM allows you also to tailor the format of the import or export file so that it best fits the needs of the application you would like to exchange data with. The following panel shows the tailor options in the export menu.
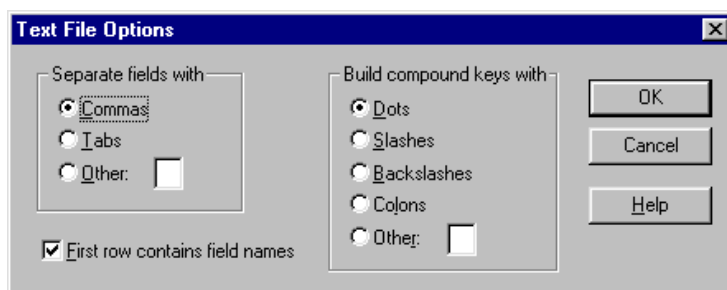
New HCM 1.1.0 Service Levels

Service Level 11 fixes a problem which could occur when editing an ESCON link of chained ESCD directors, and a problem with device candidate lists after upgrading of a HCM configuration file. For details see APAR IR35311.

Service Level 12 fixes a problem which could occur during working with CTC connections and a problem with assigning UNITADD while connecting RAMAC 2 devices. It also incorporates some smaller enhancements. For details see APAR IR35421.

These are the PTF numbers associated with the service levels. Please keep in mind that you do not need to install all the PTFs, each HCM service level

These are the PTF numbers associated with the service levels. Please keep in mind that you do not need to install all the PTFs, each HCM service level includes all previous service levels.

PTFs

HCM 1.1.0 SL 11_____UR47684 (Base)

_____UR47707 (English)

HCM 1.1.0 SL 12_____UR48084 (Base)

_____UR48311 (English)

Service level 11 is integrated in the OS/390 feature and service level 12 is partially integrated.

Hardware Support

The following hardware support has been provided via Small Programming Enhancements (SPEs) to various releases of HCD:

OW23614: Support of IBM S/390 Parallel Enterprise Server - Generation 4 (9672 R5 models), IBM S/390 Coupling Facility 9674 Model C05, Support for 15 logical partitions on the S/390 Parallel Enterprise Servers - Generation 3 and Generation 4 processors.

PTFs

HCD R.2_____UW91082 (Base)

HCD R.3_____UW91083 (Base)

HCD 5.1_____UW91084 (Base)

_____UW91085 (English)

_____UW91086 (Japanese)

HCD 5.2_____UW91087 (Base)

_____UW91088 (English)

_____UW91089 (Japanese)

OS/390 R3 HCD_____UW91090 (Base)

_____UW91091 (English)

_____UW91092 (Japanese)

OW24448, OW28431 : Support of new IBM S/390 Multiprise 2000 models

PTFs

HCD R.2_____UW90404 (Base)

HCD R.3_____UW90405 (Base)

HCD 5.1_____UW91087 (Base)

_____UW91094 (English)

_____UW91095 (Japanese)

HCD 5.2_____UW91096 (Base)

_____UW91097 (English)

_____UW91098 (Japanese)

OS/390 R3 HCD_____UW91099 (Base)

_____UW91100 (English)

_____UW91101 (Japanese)

OW24995: Support for reconfigurable CFR channel path type.

PTFs

HCD 5.1_____UW91106 (Base)

_____UW91107 (English)

_____UW91108 (Japanese)

HCD 5.2_____UW91109 (Base)

_____UW91110 (English)

_____UW91111 (Japanese)

OS/390 R3 HCD_____UW91112 (Base)

_____UW91113 (English)

_____UW91114 (Japanese)

OW27801: Tape library support and UIM back-level support

PTFs

HCD 5.1_____UW40295 (Base)

_____UW40298 (English)

_____UW40299 (Japanese)

HCD 5.2_____UW40296 (Base)

_____UW40300 (English)

UW40300 (English)

_____UW40301 (Japanese)

OS/390 R3 HCD_____UW40297 (Base)

_____UW40302 (English)

_____UW40303 (Japanese)

All hardware supported by HCD is also supported by HCM.

Other new HCD native enhancements:

OW26568: Change of LOCANY default value from YES to NO.

PTFs

HCD 5.2_____UW38690 (Base)

_____UW38692 (English)

_____UW38693 (Japanese)

OS/390 R3 HCD_____UW38691 (Base)

_____UW38694 (English)

_____UW38695 (Japanese)

HCD/HCM Internet Home Page

The HCD/HCM Internet Home page has been moved to the brand-new S/390 G4 Enterprise Server in the United States.

 http://www.ibm.com/servers/eserver/zseries/zos/hcm/

All the HCD/HCM newsletters are available from this home page. We offer also an e-mail notification service whenever a new issue of the Newsletter is available.

HCD / HCM home page