



MDCMS Enhancements

Settings

- Data Copy command type for mapping existing data into modified physical files – The command type D may now be defined at the attribute or object level for physical files with object type *FILE. This is necessary if the existing data in a modified file needs to be mapped using a different format than the default of *MAP *DROP. For example, a command could be defined with CPYF FMTOPT(*NOCHK).
- Data Copy command type for copying some or all records in a physical file from one system environment to another. If an attribute with type *DATA is defined, the default is that all records will be copied to the next environment level. With command type D at the attribute or object level, specific records, members and updating options may be selected.
- A new MDCMS attribute type, *MNUDDS, has been created to allow the user to easily manage DDS-Menus. When a menu has been selected for modification or migration, MDCMS automatically controls the movements of the associated display file, message file and menu object as well as the source members for the display file and command listing.
- A large list of wildcard strings have been created for use in attribute commands. When creating or modifying a command, F7 may be pressed to insert a wildcard into the command. A list of all possibilities will be displayed. With the new wildcards you could, for example, have an email sent to the requester once the RFP is installed.
- For distribution queues using FTP, the most recent send log may be displayed using option F within the Distribution Queues settings screen.

Object Manager

- The columns in the Object Manager have been reordered and the filters at the top of the screen now double as default values. Also, if the attribute field is blank, MDCMS automatically uses the last used attribute for the object. This means that most of the time, the user only needs to enter the option and the object name and the rest of the request values will be filled in automatically.
- Option C – change request details is now option 2 – edit request details
- Option O – Command Overrides is now option C – Commands



- Option U – User request details is now option 5 – View request details. Much more request information is provided with the new option.
- Option E – recompile existing source is now option R – Recompile source
- Option R is still used to remove the RFP number from an object. A new option is option 4 – Delete request. This option may be used regardless of whether or not an RFP is assigned to the object.
- Historically used commands for an object may be deleted from the command list. The commands will still be displayed within Promotion History for auditing purposes.

Library Migration

- The default attribute to use for an object to migrate is now more intelligently selected by MDCMS before the screen is displayed to the user. The user may still change the attribute and MDCMS will remember the selection the next time that the object or a similar object is requested.
- Source members may now also be selected for migration.

RFP Installation Process

- If an object to be migrated does not have source with it, the creation date and source change date for the migrated object is compared to that of the existing object. If the existing object is newer than the migrated object, a warning screen is displayed prior to the submission of the RFP.
- If a file with triggers is modified, all triggers are automatically reapplied to the file, once it is installed.

Promotion History

- The report generator has been redesigned to provide more field selection and sort possibilities. A report layout can be saved and reloaded and the reports can be created from a command line. The output can be viewed online, printed, or exported electronically.



MDXREF Enhancements

Field Usage Inspection/Reporting

- This used to be option 6 in MDCMS, but is now found from the report menu in MDXREF. The output for field usage in programs is now placed in one file, rather than directly in the program source, and the file may be viewed or printed from the MDXREF output screen.

Query Search report

- When MDXREF builds information for a query, the field usage is now also saved in the repository. A one-time rebuild of the MDXREF database is required to capture this information.
- An optional logging program – MDXREF/MDLQLOG has been created to log the usage of a query (what, when, who) each time the command RUNQRY is performed. To use this functionality, just run the following command: CHGCMD CMD(QSYS/RUNQRY) VLDCKR(MDXREF/MDLQLOG). Be sure to run the command for all QSYS-Language libraries.
- A new report – Search for Queries – is available from the MDXREF reports menu. This search function will list all queries that meet the entered conditions for Query Library/Name/Description, creator/creation date, user/last used date, file usage, and field usage.

Join File information

- Join field information for logical files over multiple physical files can now be viewed and printed in MDXREF using option 7. A one-time rebuild of the MDXREF database is required to capture this information.

MDSEC Enhancements

- The security codes for MDCMS and MDXREF have been reordered and simplified to make the security configuration easier.
- The Professional Edition of MDSEC enables the user to easily manage iSeries authorization lists.