1   Soft Component Management

The primary focus of this major release is to easily Cross-Reference, Check-out and Deploy Soft Components (control tables) used by 4GLs, Case Tools, Middleware processes and Menus.

1.1   Table Definitions in MDXREF for Object Referencing

MDXREF now provides the ability to describe objects and references defined in Tables. The values of a field in a table can be identified as an Object and a 2nd field in the same or different table can be identified as the object description. Any number of additional table fields can be identified as object or file references. All tables can be linked by object name or join field values and SQL conditions can be defined.

1.2   Additional Configuration Possibilities for *DTAGRP attributes

The field definitions for MDCMS *DTAGRP attributes have been enhanced to allow for substrings to be used to identify object names.

1.3   Automatically Link Objects to be Checked Out at the Attribute Level

For each MDCMS attribute, linked attributes can be defined. When an object is checked out for the given attribute, the programmer is automatically presented with the list of linked objects to check out based on name patterns or SQL expressions. This way, significant time can be saved when dependent objects, such as control table records, need to be checked out when a particular type of object is checked out and those dependencies will not be forgotten.

2 Other MDCMS Enhancements

2.1 Emergency Deployment Warning

When an object is checked out for deployment to a standard environment, MDCMS checks if the previous deployment was for an emergency environment. If this is the case, MDCMS presents a warning screen to the programmer with all necessary information about the emergency deployment.

2.2 Display Task/Subtask values directly in Object Request Lists

Within the Green Screen client, the allocated task and subtask for an object request is displayed directly on the request rows. This applies to the Object Manager and all other list views where Project information for Object requests is displayed.

2.3 ++ Wildcard value for Email and Remote Script Templates

For Email and Remote Script Templates, ++ may be used instead of ## as a delimiter for wildcards. This is to reduce problems relating to code page differences. ## is still accepted as a valid delimiter.

2.4 New Option for Distribution Queue Definitions

Option M has been added as a valid value for field Default to Send, so a queue can be defined to not be sent automatically, but still selected by default when sending manually.

3 Other MDXREF Enhancements

3.1 Cross-Reference Source Members

MDXREF now cross-references the source members so that the members can be searched by name, attribute, file or description. The references between copybook members and programs can also be navigated.

3.2 Source Comparison Report

A new batch report has been added that allows for the comparison of the contents of all (or some) source members between 2 libraries. The libraries do not need to be on the same partition. The results can be viewed, printed or exported/emailed.

3.3 Objects using Data Area

References between Data Areas and the objects that use the Data Areas are now analysed.

3.4 Cross-Reference Job Scheduled Entries

MDXREF now cross-references the jobs defined as Job Scheduled Entries. This can be done by registering *SCDE as a library to cross-reference.

3.5 Rebuild Optimization

The MDXREF build process has been optimized to eliminate the deletion of records unless the references truly no longer exist.

4 Installation Prerequisites and Requirements

Version 7.0 is backwards compatible with 6.9.1 on other systems, but not with versions earlier than 6.9.1. MDWorkflow must be at least version 6.9 and MDOpen must be upgraded to 7.0.

A new license key for the core product (and MDOpen or MDWorkflow, if used) is necessary. This key is provided at no charge to active customers.