MIDRANGE DYNAMICS
Accelerating Change & Innovation on IBM i

User Manual

MDCMS Migration Instructions From ChangefIT

Table of Contents

From MDCMS Version 8.5
Published March 11, 2023

1 Overview

These instructions are intended for MDCMS customers that previously used the ChangefIT product to manage application changes on the IBM i (AS/400).

MDCMS provides a framework to map and migrate all relevant historical activity from ChangefIT to MDCMS.
The following entities are migrated:
- Requests for Promotion (ChangefIT Projects)
- Historical Object Deployment information (ChangefIT Tasks)
- Archived Source

2 Preparation

MDCMS must already be installed and fully configured prior to running the migration. The minimum version of MDCMS is 8.5.

Settings are intentionally not migrated. This is in order to ensure that all of the advantages of MDCMS can be realized going forward. It is recommended to configure the settings based on best practices for all current and future development rather than based on historical processes.
Mapping Tables are generated by MDCMS to properly place the activity within the new MDCMS flow.

2.1 Allowed State of ChangefIT

Any ongoing activity or a particular environment in ChangefIT should either be completed within ChangefIT prior to migrating to MDCMS or those checkouts should be manually repeated within MDCMS. The migrations can be performed on an Environment-by-Environment basis.

2.2 Allowed State of MDCMS

MDCMS may already be in use for application changes prior to the migration. MDCMS ensures that duplicates are avoided.
Activity can be performed in MDCMS while the migration process is ongoing. A rollback of the previous migration will not affect work performed directly in MDCMS.

2.3 Legacy Migration License Key

In order to use the ChangefIT Migration tool, a valid license for the Legacy Migration product must be applied on the development partition(s).

3   MDCMS Product Migration Menu (MDMIGCF)

A user with at least change authority to MDCMS and usage authority to ChangefIT should go to a command line using F21 from the MDCMS Main Menu.
From the command line, type command MDMIGCF and press Enter.

```
MDMIGC00                      T85 Demo Dev/Test                      10.03.23
SCRN1                    MDCMS Product Migration Menu                 11:31:38
From Product: CHGFIT

             Opt Process Step
              1  General Settings              ok
              2  Build/Rebuild Mapping Data    ok

              4  Verify Levels                 ok
              5  Verify Attributes             ok




             21  Migrate Data                  ok
             22  Migrate Archived Source       ok

             30  Rollback Previous Migration

Selection: __

F3=Exit    F6=Messages    F8=Submitted Jobs    F11=View Output    F21=Sys Command
```

Opt
The option number for a Migration Process Step. An option is only available if the prior step has been completed (ok).

Option 30 to Rollback MDCMS will display and can be used any time after option 21 to Migrate Data has completed. A rollback will only apply to the previous data migration.

3.1 General Settings

Parameter	Description
Product Data Library	The library containing the ChangefIT Product data – typically named CHGFIT
Minimum History Date	The oldest date of promoted data to be migrated.
MDCMS Project	An existing Project in MDCMS that will be assigned to all deployment history that is migrated. Press F4 while the cursor is on the field to create a project and/or select a project from the list. It is recommended to create a separate project just for the migration as a simple way to filter history by that project value.

3.2 Build/Rebuild Mapping Data

This process collects all necessary settings from ChangefIT, based on historical activity within that product. It then tries to map the settings from ChangefIT to the settings defined in MDCMS. If, during the verification of the mapping, you find that additional settings need to be added to MDCMS, you can rebuild the Mapping Data. All manually set mappings are left in place when a rebuild occurs.

3.3 Verify Levels

Parameter	Description
Option	M – Migrate historical object requests that were for the environment O – Omit the migration of all object requests for the environment The requests can be further restricted by object type You can optionally migrate one environment at a time by setting the option to O for all but one environment, and then running the migration. Then, return to this screen and change to a different environment.
Env	The Target Environment code in ChangefIT
Description	The ChangefIT Description of the Environment
OBJ Lib	The target production non-data library for the ChangefIT Environment
DTA Lib	The target production data library for the ChangefIT Environment
SRC Lib	The target production source library for the ChangefIT Environment
MD Appl	The Application code to be used in MDCMS
MD Lvl	The Application Level number to be used in MDCMS – it is highly recommended to select the level using the same target libraries as the production libraries for the environment. Press F4 to select from a list of valid values

3.4   Verify Attributes

Parameter	Description
Option	M – Migrate historical object requests that were for the Obj/Src Type O – Omit the migration of object requests for the Obj/Src Type The requests cannot be migrated for an attribute if they are omitted for the attribute's environment.
Env	The Target Environment code in ChangefIT
Obj Type	The Object Type in ChangefIT table INS08
Spc Type	The Source Type in ChangefIT table INS08
Appl	The Application code to be used in MDCMS
Lvl	The Application Level number to be used in MDCMS
Type	The Object Type in MDCMS
Attribute	The Attribute Code to be used in MDCMS Press F4 to select from a list of valid values

3.5 Migrate Data

The Data in ChangefIT is copied to MDCMS. This step typically takes less than 1 minute to complete.

Upon completion, it is recommended to view the RFPs and Objects in MDCMS to verify that the data is mapped as intended.

If the verification shows issues in the mapping settings, or if an exception occurred during migration, use option 30 to remove the specific data of that attempt from MDCMS.

3.6 Migrate Archived Source

The historical source is moved from the ChangefIT Source Archive Libraries to the MDCMS source archive and the Object History is updated to reflect the existence of the source archives for retrieval, comparison, and rollback capabilities. The number of generations migrated for any given source member depends on the MDCMS settings for the given Application Level.

This step typically takes less than 30 minutes to complete. If this process ends abnormally for some reason prior to completion, it can be restarted and will automatically continue where it had left off.

3.7 Rollback MDCMS

If issues are found with the migration, or if an exception occurred during migration, use option 30 to roll back MDCMS to remove the specific data of the most recent migration attempt from MDCMS.

3.8 Reset Migration Process

If, for some reason (such as migrating from multiple instances of ChangefIT), you would like clear out all previously entered information and completely restart the Migration Process from the first step, take the following steps:

1) Go to a command line from within MDCMS using F21
2) Enter command CLRPFM MDDMIGM
3) Enter command CHGDTAARA DTAARA(MDMIGSTEP *ALL) VALUE(0)