

How-To Guide: DT Import (DIF) Doc for EAM BOM

Applies To

MDG EAM Solutions by Prometheus Group

Summary

MDG for EAM include standard implementations of the Data Importing Framework (DIF) that read the data from file which captured from other system. The data in the file can be saved to “Active Area” directly or “Staging Area” based on the options chosen in the Import Framework screen. The standard implementations support Key Mapping and Value Mapping.

This guide describes the necessary configuration steps for implementing DIF. This guide explains the Data Importing Framework for BOM. Same steps can be followed for other EAM objects.

You can perform most configuration tasks in Customizing for Master Data Governance under SAP Reference IMG> Cross Application Components> Processes and Tools for Enterprise Applications> Master Data Governance.

Additionally, you can use the following t-codes:

- MDGIMG: IMG Master Data Governance
- FILE : Logical File Path Definition
- IDMIMG : IMG Key Mapping

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Introduction

Data transfer represents a collection of functions and features that you can use to move master data and mapping information between systems and clients. Examples of these systems include existing ERP systems and your Master Data Governance hub system.

Steps for ALE Scenario Configuration

Note

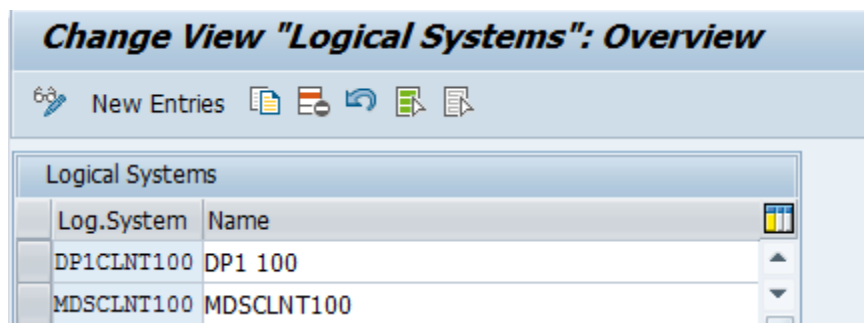
The following configuration is required only when you want to generate XML file from IDoc.

This guide uses the system S23 and its client 100 as sample data. When you configure this scenario for your landscape, ensure you replace system ID and client ID with your own system data.

Define Logical Systems

Use the following steps to define the logical systems:

1. Enter transaction code (t-code) BD54.
2. Click New entries to create a Logical System.
3. Enter a name for the Logical System and a description.
The Logical System names used throughout this example is MDG System S23 CLNT 100 as the source and S23 CLNT 200 as the target.



Define a RFC Connection

Use the following steps to define the RFC connection:

1. Run the t-code SALE. Navigate to tree menu Communication> Create RFC Connections or Run the t-code SM59 to create an RFC Connection.
2. Create an RFC connection using Connection Type T (Start External Program Using TCP/IP) into the same client:

RFC Destination LOCAL_EXEC

Connection Test Unicode Test

RFC Destination **LOCAL_EXEC**

Connection Type **T** TCP/IP Connection Description

Description

Description 1 Starts the Program 'RFCEXEC' on Front-End Machine

Description 2 (SAP standard entry)

Description 3

Administration Technical Settings Logon & Security Unicode Special Options

Activation Type

☒ Start on Application Server ☐ Registered Server Program

☐ Start on Explicit Host

☐ Start on Front-End Work Station

Start on Application Server

Program **rfcexec**

Start Type of External Program

☒ Default Gateway Value

☐ Remote Execution

☐ Remote Shell

☐ Secure Shell

Define an XML Port

Use the following steps to define an XML Port:

1. Run the t-code WE21 > Create an XML File type port and enter the name of the port and relevant description. For example, BOM_XML.
2. Enter the name of the Directory created using t-code AL11 and enter the Function module as displayed in the following screen.

Ports in IDoc processing

Ports Description

Port **BOM_XML**

Description XML port for BoM objects

XML format

☐ SAP Release 46

☒ Unicode

Outbound file Outbound: Trigger

☐ Logical directory ☒ physical directory

Directory **/usr/sap/mdqdir/ZDIR_MROBOM/**

Function module **EDI_PATH_CREATE_CLIENT_DOCNUM**

Description Directory + file name in format T_Client_Docnum

Outbound file

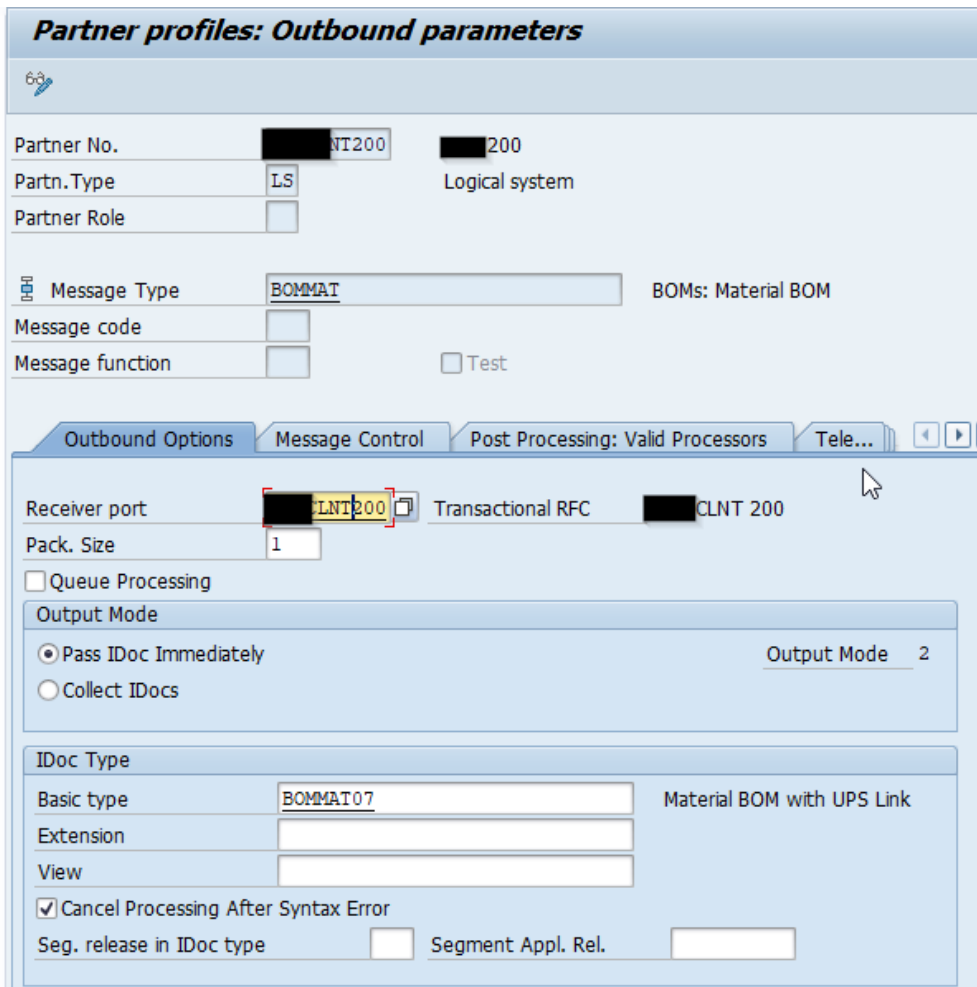
Define Partner Profiles

The following BOM objects are discussed in this section:

- [Material BOM](#)
- [Functional Location BOM](#)
- [Equipment BOM](#)
- [WBS BOM](#)

Material BOM

Run the t-code WE20. Locate the MDG Client S23CLNT200 under tree node Partner Profile LS. Maintain the settings for message type BOMMAT under outbound parameters.



Partner profiles: Outbound parameters

Partner No. [REDACTED] NT200 [REDACTED] 200
 Partn.Type LS Logical system
 Partner Role [REDACTED]

Message Type BOMMAT BOMs: Material BOM
 Message code [REDACTED]
 Message function [REDACTED] ☐ Test

Outbound Options | Message Control | Post Processing: Valid Processors | Tele...

Receiver port [REDACTED] CLNT200 Transactional RFC [REDACTED] CLNT 200
 Pack. Size 1
☐ Queue Processing

Output Mode
☒ Pass IDoc Immediately Output Mode 2
☐ Collect IDocs

IDoc Type
 Basic type BOMMAT07 Material BOM with UPS Link
 Extension [REDACTED]
 View [REDACTED]
☒ Cancel Processing After Syntax Error
 Seg. release in IDoc type [REDACTED] Segment Appl. Rel. [REDACTED]

Functional Location BOM

Run the t-code WE20. Locate the MDG Client S23CLNT200 under tree node Partner Profile LS. Maintain the settings for message type /UGI3/BOMFL under outbound parameters.

Partner profiles: Outbound parameters

Partner No. [REDACTED] [REDACTED]
Partn.Type LS Logical system
Partner Role [REDACTED]

Message Type /UGI3/BOMFL Functional Location BOM Idoc Mess...
Message code [REDACTED]
Message function [REDACTED] ☐ Test

Outbound Options Message Control Post Processing: Permitted Agent Tel...

Receiver port [REDACTED] Transactional RFC [REDACTED]
Pack. Size 1
☐ Queue Processing

Output Mode
☒ Pass IDoc Immediately Output Mode 2
☐ Collect IDocs

IDoc Type
Basic type /UGI3/BOMIPL01 Functional Location BOM
Extension [REDACTED]
View [REDACTED]
☒ Cancel Processing After Syntax Error
Seg. release in IDoc type [REDACTED] Segment Appl. Rel. [REDACTED]

Equipment BOM

Run the t-code WE20. Locate the MDG Client S23CLNT200 under tree node Partner Profile LS. Maintain the settings for message type /UGI3/BOMEQ under outbound parameters.

Partner profiles: Outbound parameters

Partner No. [REDACTED] [REDACTED]

Partn. Type Logical system

Partner Role

Message Type Equipment BOM Idoc Message type

Message code

Message function ☐ Test

Outbound Options | Message Control | Post Processing: Permitted Agent | Tel...

Receiver port [REDACTED] Transactional RFC [REDACTED]

Pack. Size

☐ Queue Processing

Output Mode

☒ Pass IDoc Immediately Output Mode 2

☐ Collect IDocs

IDoc Type

Basic type Equipment BOM

Extension

View

☒ Cancel Processing After Syntax Error

Seg. release in IDoc type Segment Appl. Rel.

WBS BOM

Run the t-code WE20. Locate the MDG Client S23CLNT200 under tree node Partner Profile LS. Maintain the settings for message type /UGI3/BOMWBS under outbound parameters.

Partner profiles: Outbound parameters

60

Partner No. [REDACTED] [REDACTED]

Partn. Type LS Logical system

Partner Role [REDACTED]

Message Type /UGI3/BOMWBS WBS BOM Idoc Message type

Message code [REDACTED]

Message function [REDACTED] ☐ Test

Outbound Options Message Control Post Processing: Permitted Agent Tel...

Receiver port [REDACTED] Transactional RFC [REDACTED]

Pack. Size 1

☐ Queue Processing

Output Mode

☒ Pass IDoc Immediately Output Mode 2

☐ Collect IDocs

IDoc Type

Basic type /UGI3/BOMWBS01 WBS BOM

Extension [REDACTED]

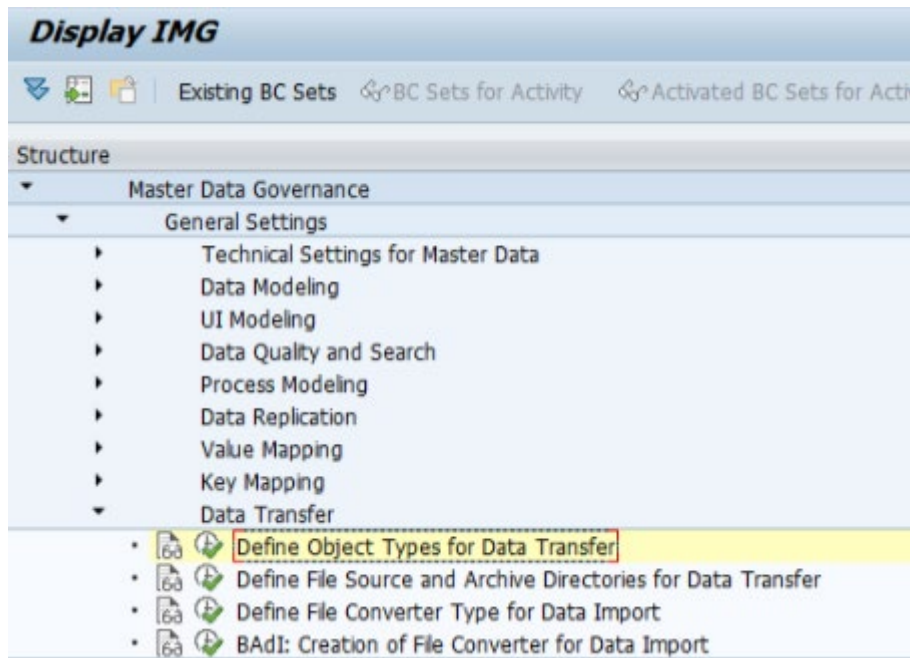
View [REDACTED]

☒ Cancel Processing After Syntax Error

Seg. release in IDoc type [REDACTED] Segment Appl. Rel. [REDACTED]

Define Object Types

Go to MDGIMG > Master Data Governance > General Settings > Data Transfer > Select Node "Define Object Types for Data Transfer".

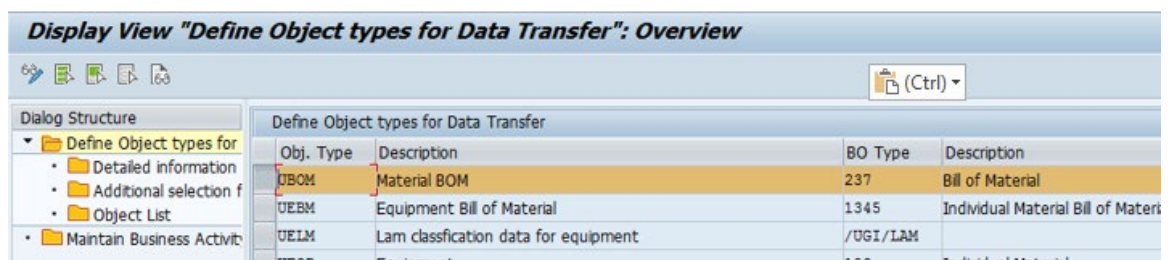


Define Object Types for BOM Objects

The following BOM objects are discussed in this section:

- [Material BOM](#)
- [Functional Location BOM](#)
- [Equipment BOM](#)
- [WBS BOM](#)

Material BOM



Use the following steps to set the Data Import Framework.

1. Click on sub-node "Detailed information for Object Types".
2. Enter the message types to be recognized in the file while importing the data.

Change View "Detailed information for Object types": Overview

New Entries

Dialog Structure

- Define Object types for
 - Detailed information
 - Additional selection f
 - Object List
- Maintain Business Activi

Object Type

| Detailed information for Object types | |
|---------------------------------------|----------------|
| Message Data Type | MDT Short Name |
| BOMMAT | BOMAT |
| BOMMAT01 | BOMMAT01 |
| BOMMAT02 | BOMMAT02 |
| BOMMAT04 | BOMMAT04 |
| BOMMAT07 | BOMMAT07 |

- Click on the sub-node "Maintain Business Activity". This refers to the CR type to be created while importing the data to staging area.

Display View "Define Object types for Data Transfer": Overview

Define Object types for Data Transfer

| Obj. Type | Description | BO Type | Description |
|-----------|--------------|---------|------------------|
| UBOM | Material BOM | 237 | Bill of Material |

- Maintain Object List for Data Import.

Change View "Object List": Overview

New Entries

Dialog Structure

- Define Object types for
 - Detailed information
 - Additional selection f
 - Object List
- Maintain Business Activi

Object Type

| Object List | |
|-------------|------|
| Obj. List | Seq. |
| UBOM | 1 |

Functional Location BOM

Change View "Define Object types for Data Transfer": Overview

New Entries

Dialog Structure

- Define Object types for
 - Detailed information
 - Additional selection f
 - Object List
- Maintain Business Activi

Define Object types for Data Transfer

| Obj. Type | Description | BO Type | Description |
|-----------|---|-----------|-------------------------------------|
| UFBM | Functional Bill of Material | DRF_0013 | Installation Point Bill of Material |
| UFLC | Function Location | 185 | Installation Point |
| UFLM | Lam classification data for Functional Location | /UGI/LAM | LAM Classification |
| UFTL | Functional Location Task List | /UGI/TLFL | Functional Location Task List |

Use the following steps to set the Data Import Framework.

- Click on sub-node "Detailed information for Object Types".

2. Enter the message types to be recognized in the file while importing the data.

Change View "Detailed information for Object types": Overview

Object Type: UFBM

Dialog Structure

- Define Object types for
 - Detailed information
 - Additional selection f
 - Object List
- Maintain Business Activity
 - Display folder contents

| Message Data Type | MDT Short Name | Namespace | Import Class |
|-------------------|----------------|-----------|------------------------------|
| /UGI3/BOMTPL01 | /UGI3/BOMTPL01 | | /UGI/CL_MDG_EAM_BOM_FILELOAD |
| UGI3_BOMTPL01 | _UGI3_BOMTPL01 | | /UGI/CL_MDG_EAM_BOM_FILELOAD |

3. Click on the sub-node "Maintain Business Activity". This refers to the CR type to be created while importing the data to staging area.

Change View "Maintain Business Activity": Overview

Dialog Structure

- Define Object types for
 - Detailed information
 - Additional selection f
 - Object List
- Maintain Business Activity

| Obj. Type | BO Type | Bus.Acty | Description |
|-----------|-----------|----------|-------------------------------------|
| UETL | /UGI/TLEQ | ETLB | Equipment Task List |
| UFBM | DRF_0013 | UFBB | Installation Point Bill of Material |
| UFLC | 185 | UFLB | Installation Point |
| UFLM | /UGI/LAM | UFLB | LAM Classification |

4. Maintain Object List for Data Import.

Change View "Object List": Overview

Object Type: UFBM

Dialog Structure

- Define Object types for
 - Detailed information
 - Additional selection f
 - Object List
- Maintain Business Activity

| Obj. List | Seq. |
|-----------|------|
| UFBM | 1 |

Equipment BOM

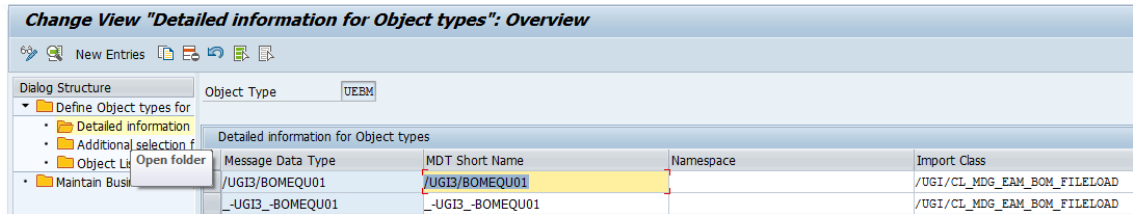
Change View "Define Object types for Data Transfer": Overview

Define Object types for Data Transfer

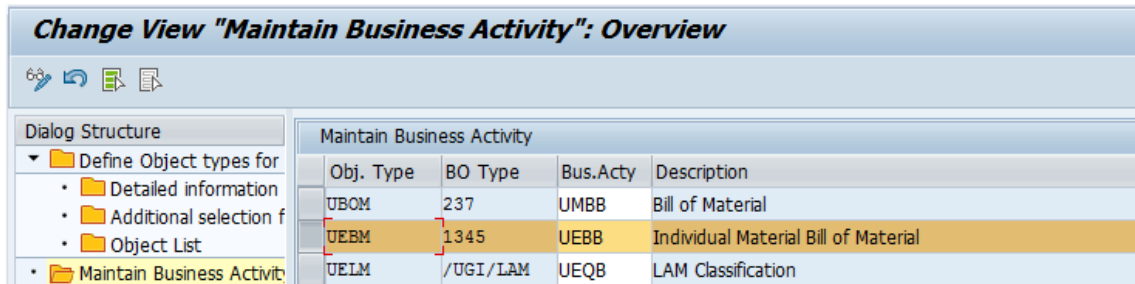
| Obj. Type | Description | BO Type | Description |
|-----------|---------------------------------------|----------|--------------------------------------|
| UBOM | MRO Bill of Material | 237 | Bill of Material |
| UEBM | Equipment Bill of Material | 1345 | Individual Material Bill of Material |
| UELM | Lam classification data for equipment | /UGI/LAM | LAM Classification |

Use the following steps to set the Data Import Framework.

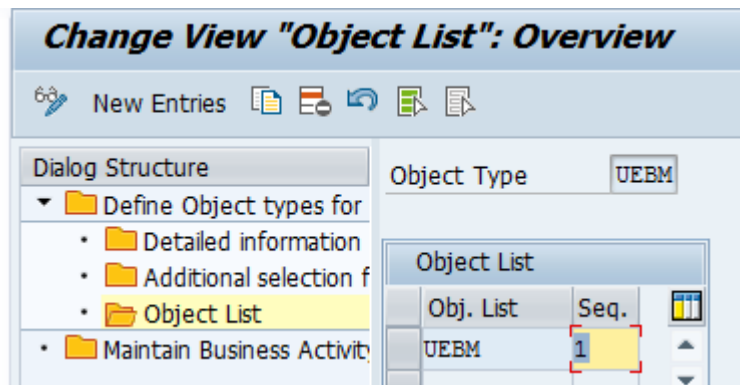
1. Click on sub-node "Detailed information for Object Types"
2. Enter the message types to be recognized in the file while importing the data.



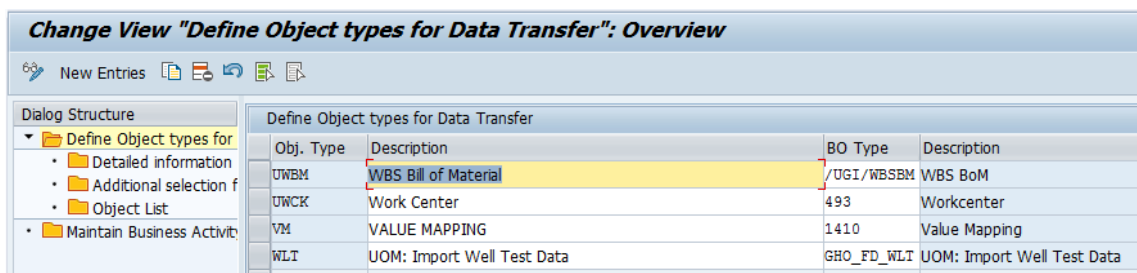
- Click on the sub-node "Maintain Business Activity". This refers to the CR type to be created while importing the data to staging area.



- Maintain Object List for Data Import.

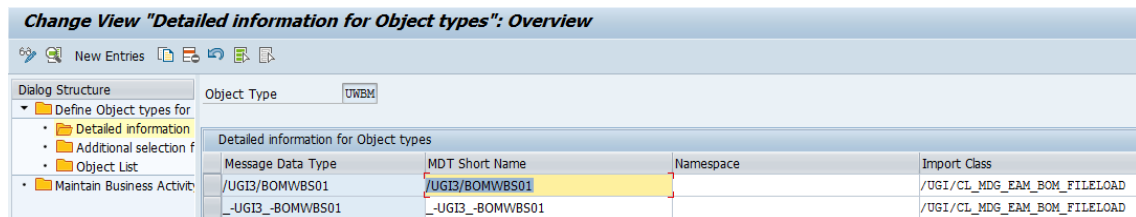


WBS BOM

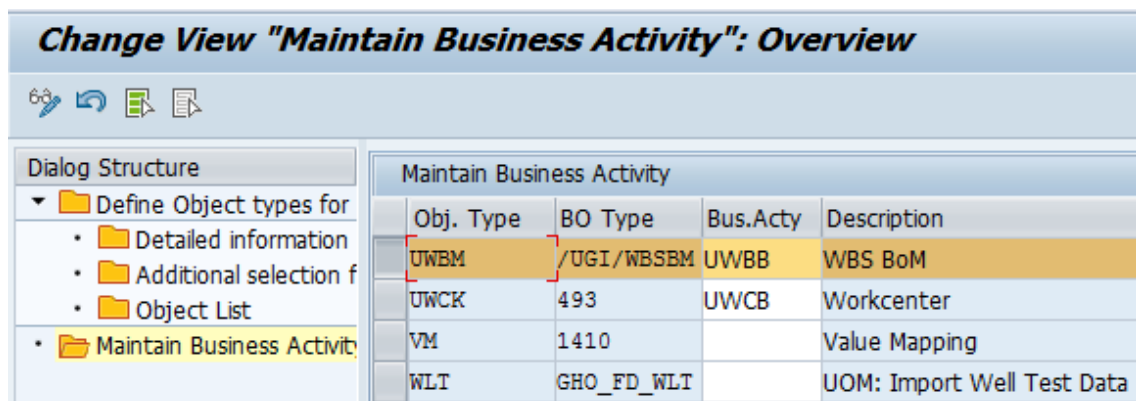


Use the following steps to set the Data Import Framework.

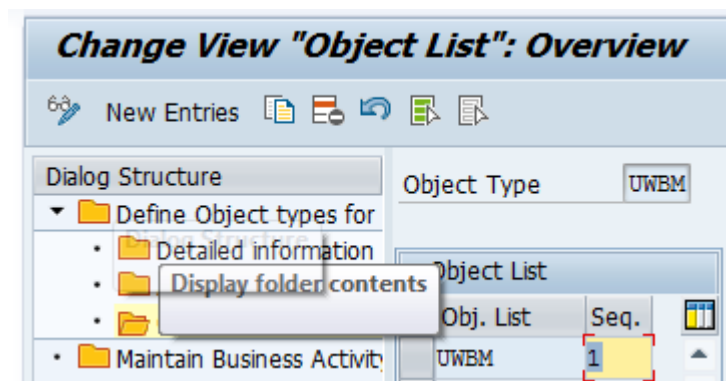
- Click on sub-node "Detailed information for Object Types"
- Enter the message types to be recognized in the file while importing the data.



- Click on the sub-node "Maintain Business Activity". This refers to the CR type to be created while importing the data to staging area.



- Maintain Object List for Data Import.



File Source and Archive Directories

To set up the data import, source and archive logical directories in the MDG Data Transfer Customizing activity needs to be defined.

The logical file name and the logical path should be maintained to get an appropriate physical file name and physical path name.

Use the following steps to define file source and archive directories:

- Define a Logical Path Name: First determine the target directory in which you want to create the archive files of a certain archiving object. The physical name of this directory is stored in a logical path name.
- Define a Logical File Name: After creating the logical path name, you need to create a logical file name.
- Assign a Logical File Name to the archiving Object.

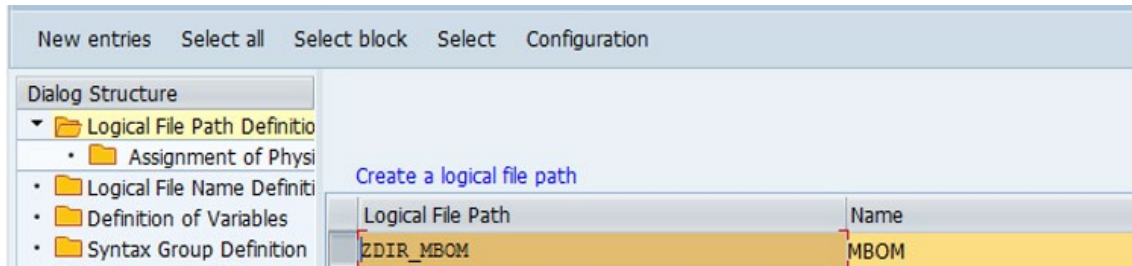
Note

Contact BASIS for directory paths creation.

4. To assign directories as sources or archives, the physical directory paths must be created in the file system initially.
5. Use the t-code SFILF to map them to logical names.
Run the t-code AL11 to verify the directory path creation:

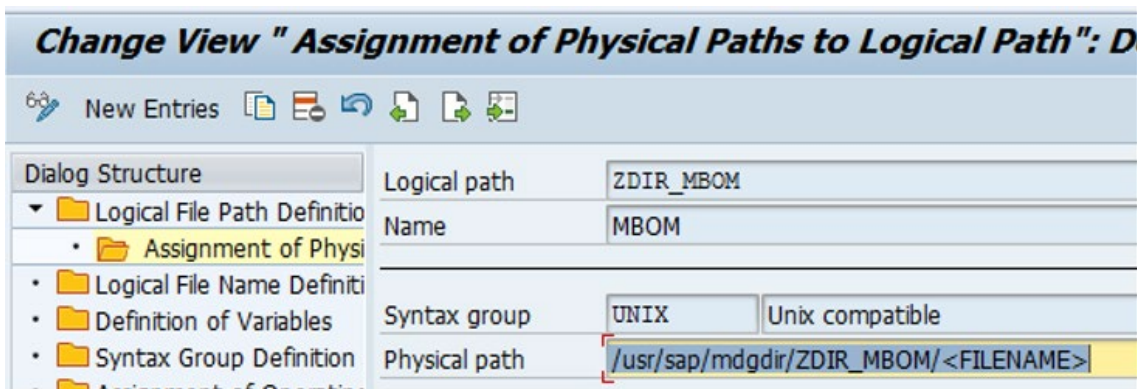
| | |
|-----------|---------------------------|
| ZDIR_MBOM | /usr/sap/mdgdir/ZDIR_MBOM |
|-----------|---------------------------|

6. Run the t-code FILE to map directory path to logical names:



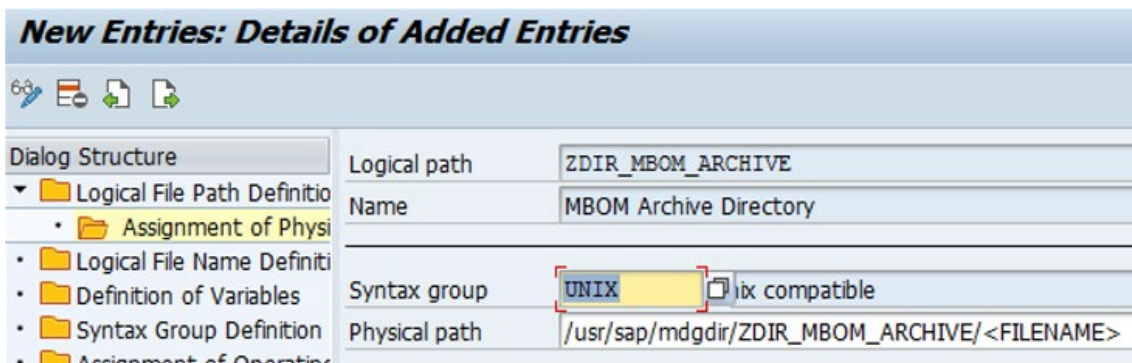
| Logical File Path | Name |
|-------------------|------|
| ZDIR_MBOM | MBOM |

7. Assign physical path for ZDIR_MBOM.



| | |
|---------------|--------------------------------------|
| Logical path | ZDIR_MBOM |
| Name | MBOM |
| Syntax group | UNIX Unix compatible |
| Physical path | /usr/sap/mdgdir/ZDIR_MBOM/<FILENAME> |

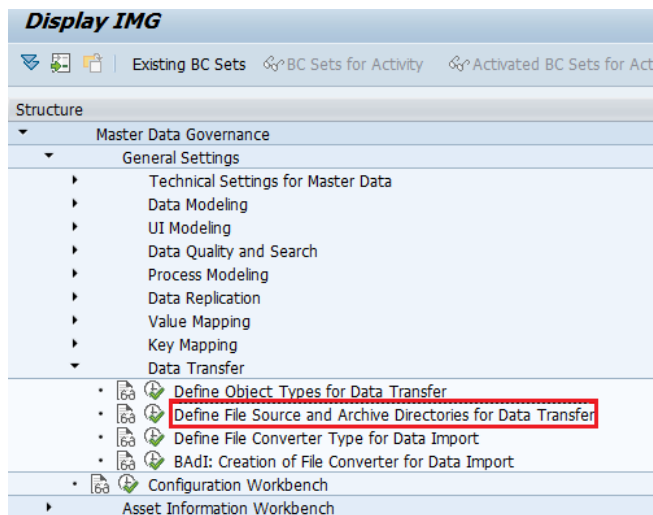
8. Assign physical path for ZDIR_MBOM_ARCHIVE.



| | |
|---------------|--|
| Logical path | ZDIR_MBOM_ARCHIVE |
| Name | MBOM Archive Directory |
| Syntax group | UNIX Unix compatible |
| Physical path | /usr/sap/mdgdir/ZDIR_MBOM_ARCHIVE/<FILENAME> |

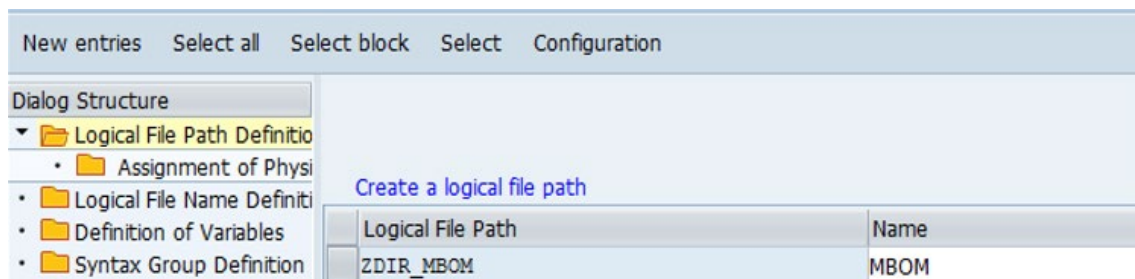
Defining Source and Logical Directories

Go to MDGIMG > Master Data Governance > General Settings > Data Transfer > Define File Source and Archive Directories for Data Transfer.

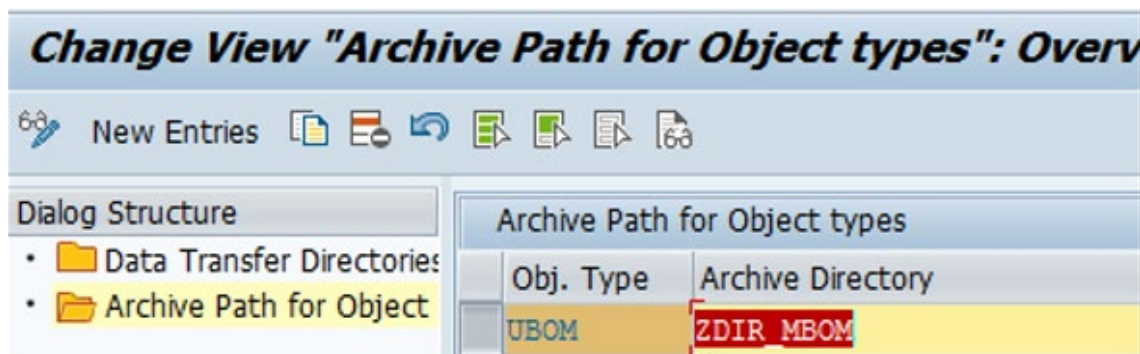


Use the following steps to define source and logical directories:

1. Click on Data Transfer Directories > Maintain the Material BOM directory which is created in t-code FILE.

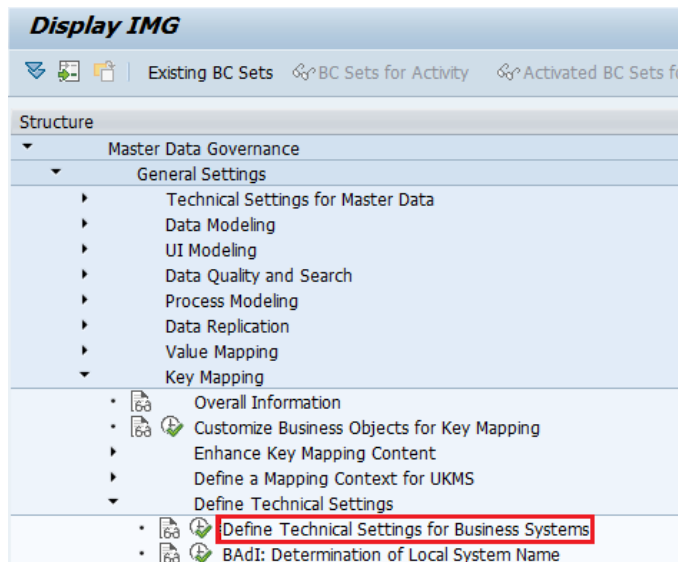


2. Click on Archive Path Object Types to maintain the archiving path of files used.



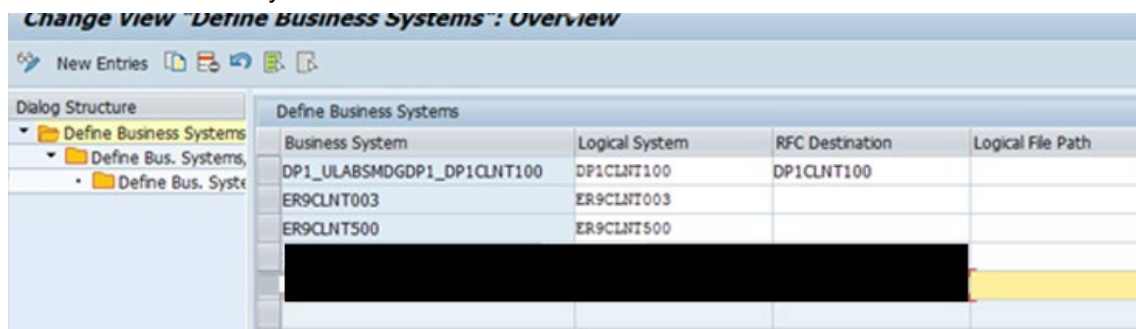
Define the Technical Settings for Business Systems

Go to Master Data Governance > General Settings > Key Mapping > Define Technical Settings > Define Technical Settings for Business Systems.



Use the following steps to define technical settings for Business Systems:

1. Define the Business System.



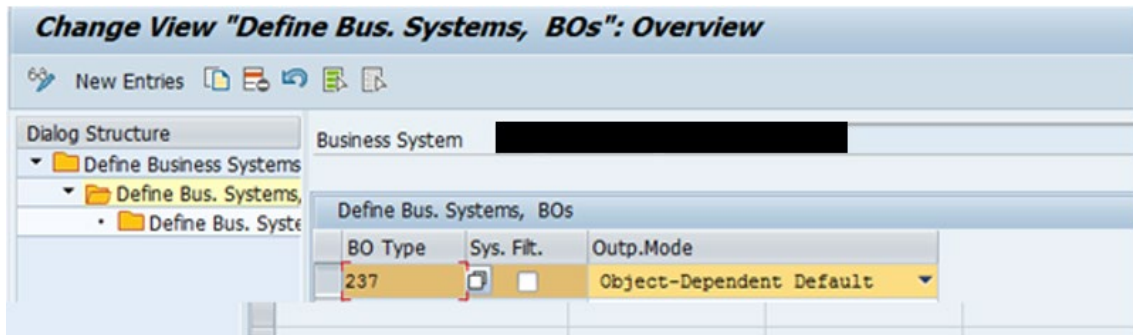
2. Add the BO Type for the Business System.

Define Technical Settings for Business Systems for BOM Objects

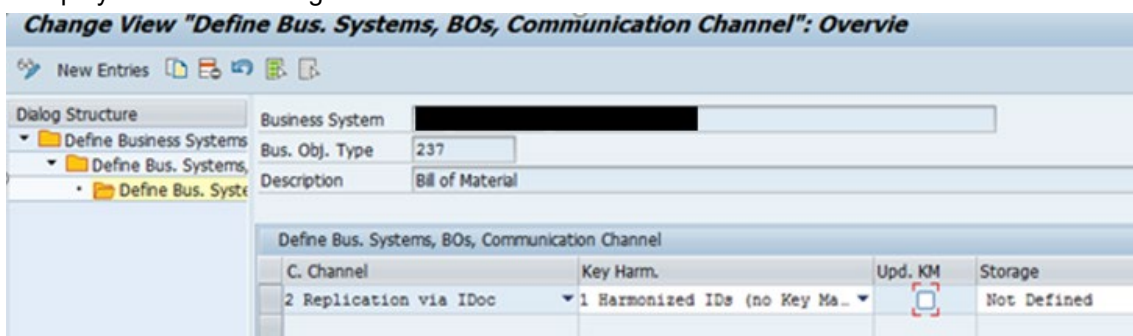
The following BOM objects are discussed in this section:

- [Material BOM](#)
- [Functional Location BOM](#)
- [Equipment BOM](#)
- [WBS BOM](#)

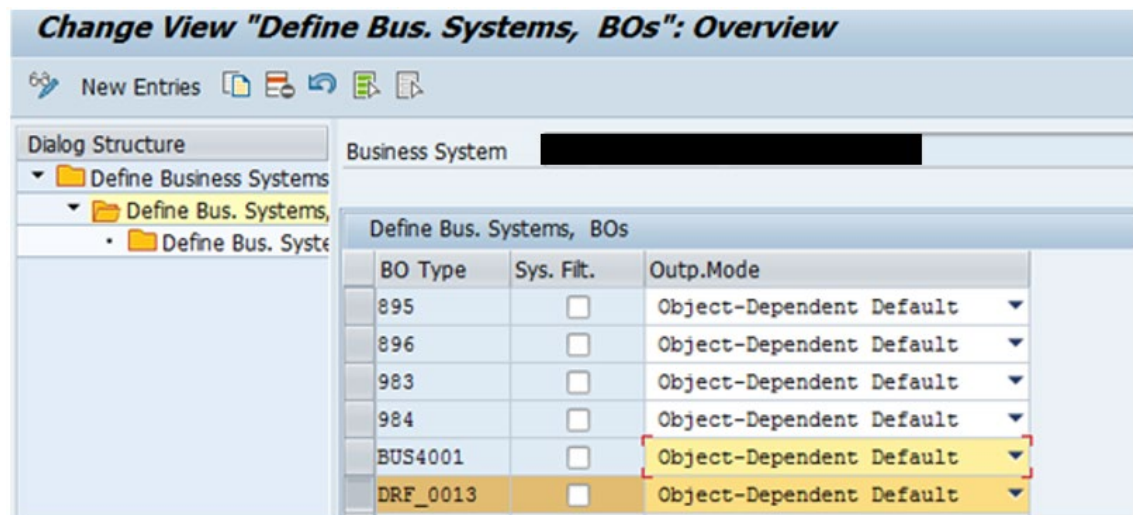
Material BOM



- BO Types 237 For Harmonized scenarios, update the communication channel settings as displayed in the following screen.

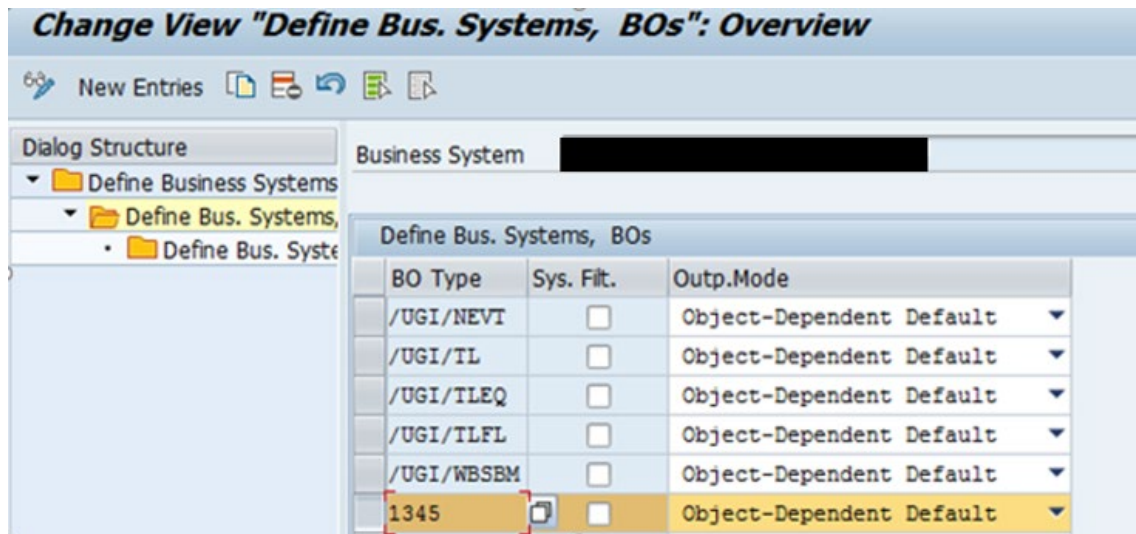


Functional Location BOM



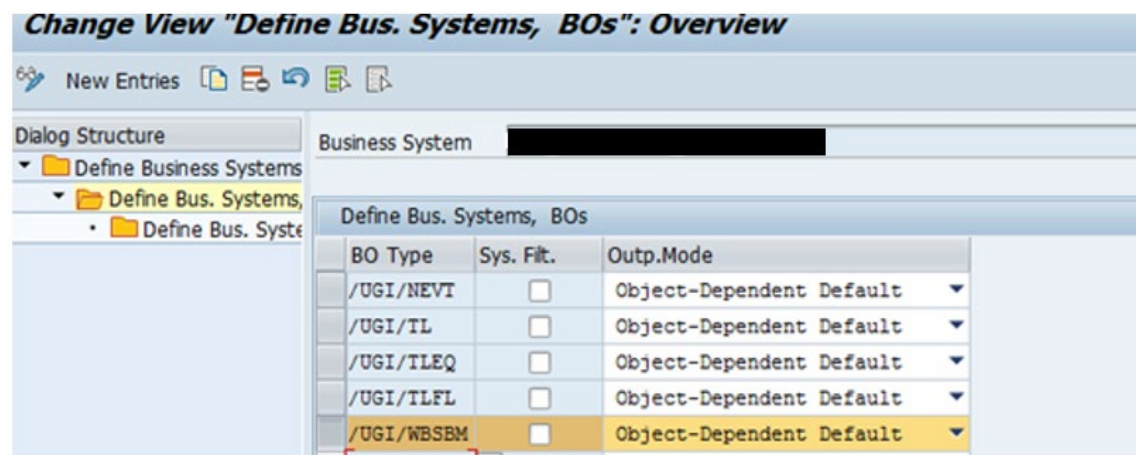
- BO Types DRF_0013 For Harmonized scenarios, update the communication channel settings as displayed in the following screen.

Equipment BOM



- BO Types 1345 For Harmonized scenarios, update the communication channel settings as displayed in the following screen.

WBS BOM



- BO Types /UGI/WBSBM For Harmonized scenarios, update the communication channel settings as displayed in the following screen.

Test Scenario for DIF for Material BOM

Use the following steps for Test Scenario for DIF:

- Download the XML file in your local machine.
- Go to t-code AL11 and get the directory name for file.

| | |
|-----------|---------------------------|
| ZDIR_MBOM | /usr/sap/mdgdir/ZDIR_MBOM |
|-----------|---------------------------|

- Open directory and get the file name to download.

Directory: /usr/sap/mdgdir/ZDIR_MBOM

| Usable | Viewed | Changed | Length | Owner | Lastchange | Lastchange | File Name |
|--------|--------|---------|--------|--------|------------|------------|-----------|
| | | | 48 | sq3adm | 05.09.2018 | 07:37:27 | . |
| | | | 4096 | sq3adm | 13.08.2018 | 07:19:58 | .. |
| | | | 6 | sq3adm | 13.08.2018 | 07:19:58 | ARCHIVE |
| X | | | 11003 | sq3adm | 05.09.2018 | 07:37:27 | MBOM.XML |
| | | | 6 | sq3adm | 13.08.2018 | 07:19:58 | SOURCE |



- Go to t-code CG3Y to download the file. Enter the source file name and the target file name.
- Click on Overwrite checkbox, to overwrite if file exist with same name.

Download File: Parameters

Source file on application server

Target file on front end

Transfer format for data ☒ Overwrite file

- Click on "Download" button, file will be downloaded in the specified location.
- The following steps are required to run the DIF for Material BOM.

You can run the DIF for Material BOM in Manual Processing/Defined by Change Request/Governance modes with/without Key Mapping.

Use the following steps to test the DIF:

- Received enclosed IDoc XML for DIF Import from client system:



MBOM.xml



- Upload the file.
- Run the t-code CG3Z > Choose the upload file Parameters-Source file on front end and Target file on application server paths > Click on upload icon.

Upload File: Parameters

Source file on front end

Target file on application server

Transfer format for data ☐ Overwrite file

4. Check file in AL11 System.

| | | | | | | | |
|---|--|--|-------|--------|------------|----------|----------|
| X | | | 11003 | sq3adm | 05.09.2018 | 07:37:27 | MBOM.XML |
|---|--|--|-------|--------|------------|----------|----------|

Data Import

Use the following steps to import data:

1. Navigate to the Data Exchange tab > Data Load > Import Master Data
2. Scenario 1 - Manual Post Processing.
 - a. Enter the following details in the new Data Import screen:
 - Object Type – UBOM
 - Provide mandatory description
 - Choose overwrite check box if you want the object to be overwritten
 - Select the Post Processing as Manual Post Processing
 - Data Sources – Add the Object Type “Bill of Material- UBOM” and source directory ZDIR_MBOM

- b. Click on “Import” button.

 **Data import started with run number 10001100**

- c. Click on “Display Monitoring” button to check the import log> Click on Run number to see details log.

Display Logs

[Close](#)

Data Transfer Logs

[Restart Erroneous Objects](#)

| Propagated Type/Date/Time/User |
|---|
| <div>Start processing in API: CSAP_MAT_BOM_READ</div> |
| <div>End of processing in API: CSAP_MAT_BOM_READ</div> |
| <div>Start processing in API: CSAP_MAT_BOM_MAINTAIN</div> |
| <div>BOM not found for this material/plant/usage</div> |
| <div>Creating BOM for material 4001</div> |
| <div>Item 0080 R :</div> |
| <div>Unit of measure EA does not support decimal places</div> |
| <div>Creating BOM for material 4001</div> |
| <div>End of processing in API: CSAP_MAT_BOM_MAINTAIN</div> |
| <div>04.09.2018 06:06:25 [REDACTED]</div> |

- d. Enter the t-code CS03 to verify if Material BOM is created.

Display material BOM: Header Overview

[Item](#)
[Summ.BOM](#)
[Alternative Long Text](#)
[BOM Long Text](#)

| | | |
|-----------------|----------|------------------------------|
| Material | 4001 | MBOM ERSA TEST MATERIAL 4001 |
| Plant | 0001 | Werk 0001 |
| BOM | 00000240 | |
| Alternative BOM | 1 | |
| BOM Usage | 3 | Universal |
| Technical type | | |
| BOM group | | |

[Quantities/Long Text](#)
[Additional Data](#)
[Administration Data](#)
[Document Assignment](#)

BOM and Alternative Text

| | |
|------------------|---------------------------------------|
| BOM Description | Create Material BOM - Material - 2002 |
| Alternative Text | Copy-Create MBOM - ALTERNATIVE TEXT4 |

Quantity Data

| | | |
|---------------|---|----|
| Base quantity | 9 | EA |
|---------------|---|----|

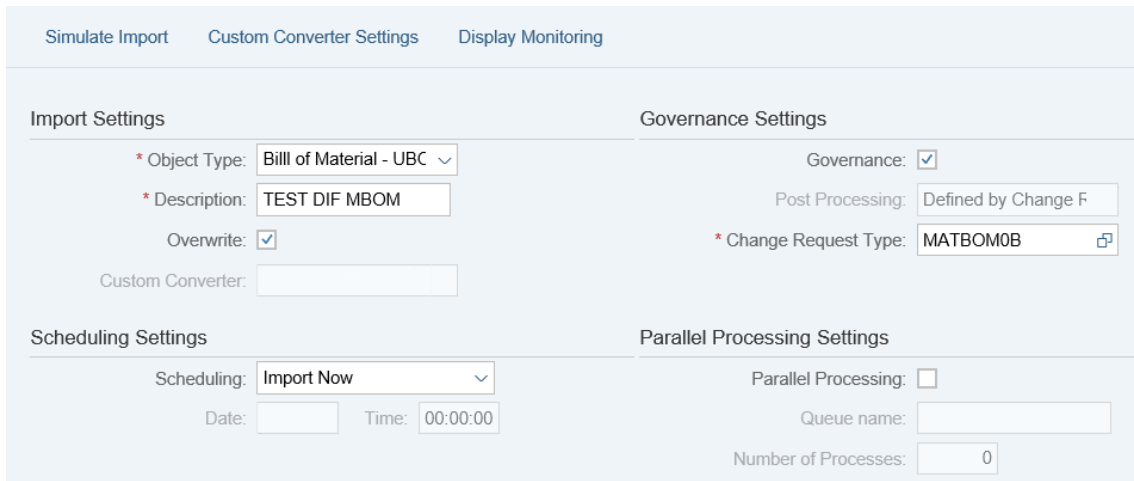
Validity

| | | | |
|---------------|------------|---------------------|------|
| Change Number | | BOM Status | 1 |
| Valid From | 28.08.2018 | Authorization group | MB99 |

3. Scenario 2- Defined by Change Request with Governance.

a. Update the following details in the new Data Import screen:

- Object type – UBOM
- Provide mandatory description
- Choose overwrite check box if you want the object to be overwritten
- Select the Governance check box
- Select the Post Processing – Defined by Change Request
- Choose the change request type “MATBOM0B”
- Data Sources – Add the Object Type “Bill of Material-UBOM” List and source directory ZDIR_MBOM



The screenshot shows the 'Data Import' screen with the following settings:

- Simulate Import** (selected tab)
- Import Settings:**
 - * Object Type: Bill of Material - UBC (dropdown)
 - * Description: TEST DIF MBOM (text input)
 - Overwrite: ☒
 - Custom Converter: (empty text input)
- Governance Settings:**
 - Governance: ☒
 - Post Processing: Defined by Change F (text input)
 - * Change Request Type: MATBOM0B (text input with icon)
- Scheduling Settings:**
 - Scheduling: Import Now (dropdown)
 - Date: (empty text input)
 - Time: 00:00:00 (text input)
- Parallel Processing Settings:**
 - Parallel Processing: ☐
 - Queue name: (empty text input)
 - Number of Processes: 0 (text input)

b. Click on “Import” button.

 **Data import started with run number 10000457**

c. Click on “Display Monitoring” button to check the import log > Click on Run number to see details log.

Display Logs

[Close](#)

Data Transfer Logs

[Restart Erroneous Objects](#)

Propagated Type/Date/Time/User

▼ ⚠ 04.09.2018 05:49:02 [REDACTED]

● Description: MBOM

⚠ Ungoverned fields exist in data model U1

● Object Type Processing Sequence: Bill of Material

● Processing files from directory /usr/sap/mdgdir/[REDACTED]

● Message Type BOMMAT05 detected for file MBOM_xml

● MRO BOM is uploaded to staging area with Change Request 000000002953

▶ ● 04.09.2018 05:49:02 [REDACTED]

Change Request ID: 2953

Status: Changes to Be Executed

Description: Created Using MDG Initial Load

Current Workitem: Process Change Request

Priority:

Created On/By: 04.09.2018 05:49:18

Due Date:

Changed On/By: 04.09.2018 05:49:19

Reason:

M Header Overview

[Edit](#)

[Display BOM Hierarchy](#)

Header Data

Material: 4004 MBOM ERSA TEST MATERIAL 4004

Plant: 0001

BOM Usage: 7 Empties

Alternative BOM: 1





Deletion Flag: ☐


Quantity Data

Base quantity: 9,000 EA

- d. Check in the t-code CS03 if the Material BOM is created.


Display material BOM: Header Overview

 Item
  Summ.BOM
  Alternative Long Text
  BOM Long Text

| | | |
|-----------------|----------|--|
| Material | 4001 |  MBOM ERSA TEST MATERIAL 4001 |
| Plant | 0001 | Werk 0001 |
| BOM | 00000240 | |
| Alternative BOM | 1 | |
| BOM Usage | 3 | Universal |
| Technical type | | |
| BOM group | | |

Quantities/Long Text | Additional Data | Administration Data | Document Assignment

BOM and Alternative Text

BOM Description: Create Material BOM - Material - 2002 

Alternative Text: Copy-Crete MBOM - ALTERNATIVE TEXT4

Quantity Data

Base quantity: 9 EA

Validity

Change Number:

Valid From: 28.08.2018

BOM Status: 1

Authorization group: MB99

4. Scenario 3- Defined by Change Request without Governance.

a. Update the following details in the new window:

- Object Type – UBOM
- Enter the Description
- Select overwrite check box if you want the object to be overwritten
- Select the Post Processing – Defined by Change Request
- Select the Change Request type as “MATBOM0B”
- Data Sources – Add the Object Type “Bill of Material - UBOM” List and source directory ZDIR_MBOM

Import Master Data and Mapping Information

Import | Simulate Import | Custom Converter Settings | Display Monitoring

Import Settings

Object Type: Material BOM - UBOM

Description: MBOM DIF


Overwrite: ☒

Custom Converter:

Governance Settings

Governance: ☐

Post Processing: Defined by Change Req

* Change Request Type: MATBOM0B 

Scheduling Settings

Scheduling: Import Now

Date: Time: 00:00:00



Parallel Processing Settings

Parallel Processing: ☐

Queue name:

Number of Processes: 0

Data Sources

 Add  Show Directory Content

| Object Type | Source Directory |
|------------------|------------------|
| Bill of Material | ZDIR_MBOM |

- b. Click on “Import” button.

✓ Data import started with run number 10001101

- c. Click on “Display Monitoring” button to check the import log > Click on Run number to see details log.

| Data Transfer Logs | |
|---------------------------|--|
| Restart Erroneous Objects | |
| | Propagated Type/Date/Time/User |
| | ● Object Type Processing Sequence: Bill of Material |
| | ● Processing files from directory /usr/sap/mdgdir/[REDACTED] |
| | ● Message Type BOMMAT05 detected for file MBOM_xml |
| | ● IDoc is processed successfully for MRO BOM |
| | ● >>> Start processing in API: CSAP_MAT_BOM_READ |
| | ● >>> End of processing in API: CSAP_MAT_BOM_READ |
| | ● >>> Start processing in API: CSAP_MAT_BOM_MAINTAIN |
| | ● BOM for material 4001 changed |
| | ● >>> End of processing in API: CSAP_MAT_BOM_MAINTAIN |
| ▶ | ● 04.09.2018 06:40:54 [REDACTED] |

- d. Check in t-code CS03.

Display material BOM: Header Overview

Item Summ.BOM Alternative Long Text BOM Long Text

Material 4001 MBOM ERSA TEST MATERIAL 4001

Plant 0001 Werk 0001

BOM 00000240

Alternative BOM 1

BOM Usage 3 Universal

Technical type

BOM group

Quantities/Long Text Additional Data Administration Data Document Assignment

BOM and Alternative Text

BOM Description Create Material BOM - Material - 2002

Alternative Text Copy-Create MBOM - ALTERNATIVE TEXT4

Quantity Data

Base quantity 9 EA

Validity

Change Number

Valid From 28.08.2018

Deletion Indicator

BOM Status 1

Authorization group MB99

Deletion Flag

**Note**

Use similar steps as in [Test Scenario for DIF for Material BOM](#) for Functional Location BOM, Equipment BOM and WBS BOM.

Additional Changes as part of EAM 1909

Run the t-code WE20. Maintain the settings for message type /UGI3/BOMMAT under outbound parameters.

Configure new Message type /UGI3/BOMMAT instead of BOMMAT for Material BOM

Partner profiles: Outbound parameters

60

Partner No. [REDACTED]

Partn. Type Logical system

Partner Role

Message Type MBOM Idoc Message type

Message code

Message function ☐ Test

Outbound Options | Message Control | Post Processing: Valid Processors | Tele...

Receiver port [REDACTED] Transactional RFC [REDACTED]

Pack. Size

☐ Queue Processing

Output Mode

☒ Pass IDoc Immediately Output Mode 2

☐ Collect IDocs

IDoc Type

Basic type Material BOM with UPS Link

Extension

View

☒ Cancel Processing After Syntax Error

Seg. release in IDoc type Segment Appl. Rel.