

How-To Guide: DT Import (DIF) Doc for Object Links and Networks

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 Object links and network. 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 à Processes and Tools for Enterprise Applications à Master Data Governance.

Additionally, you can use the following transactions:

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

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Created On: 20 September, 2018

Version: 1.0

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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

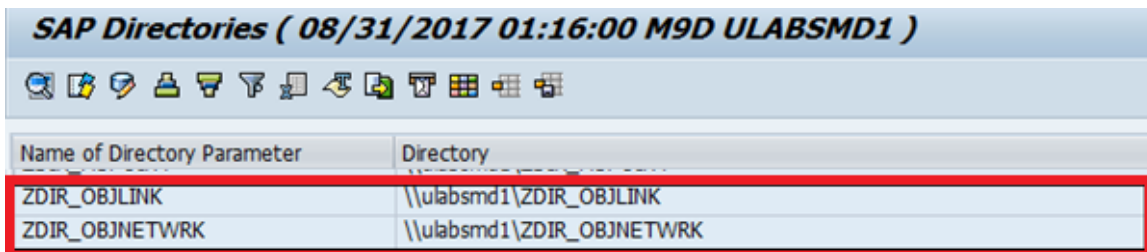
Note: The following configuration is required only when you want to generate XML file from an IDoc.

This guide uses the system M9D and its client 100 for sample data. When you configure this scenario for your landscape, ensure you replace system ID and client ID with your own system data.

Create a directory in AL11 for storing for Object Link and Network files which can later be imported to transfer the data.

Note: By default, BASIS creates this directory.

SAP Directories (08/31/2017 01:16:00 M9D ULABSMD1)



Name of Directory Parameter	Directory
ZDIR_OBJLINK	\\ulabsmd1\ZDIR_OBJLINK
ZDIR_OBJNETWRK	\\ulabsmd1\ZDIR_OBJNETWRK

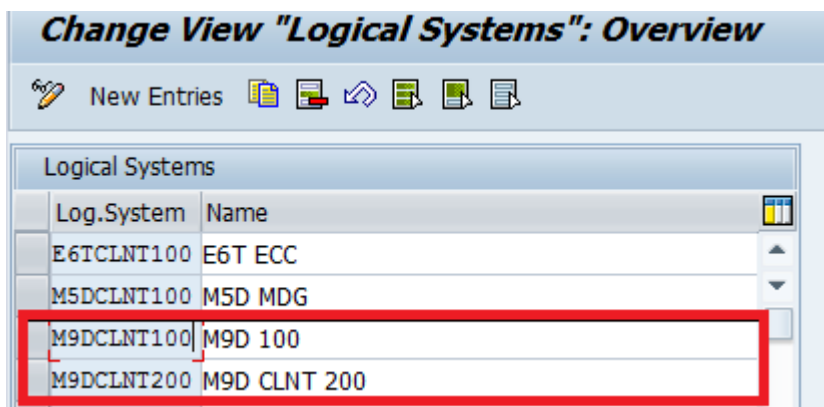
Define Logical Systems

Use the following to define a logical system:

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 M9D CLNT 100 as the source and M9D CLNT 200 as the target.

Change View "Logical Systems": Overview



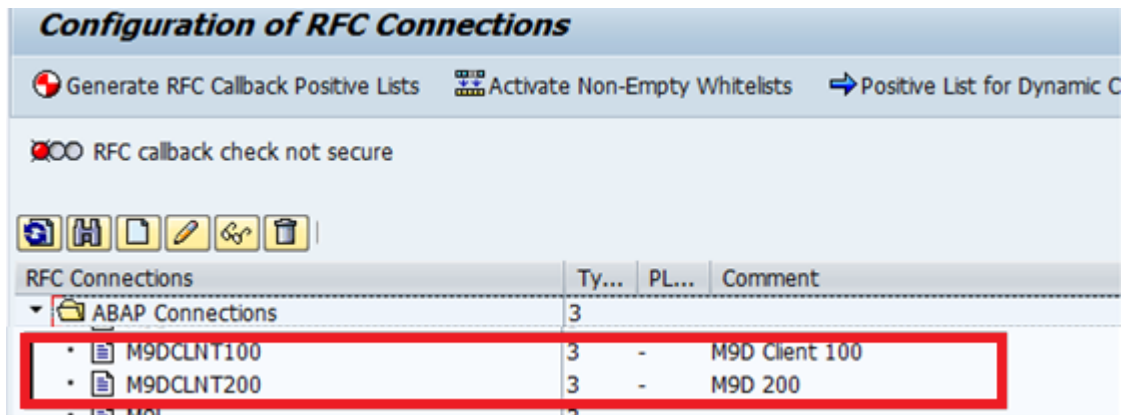
Log.System	Name
E6TCLNT100	E6T ECC
M5DCLNT100	M5D MDG
M9DCLNT100	M9D 100
M9DCLNT200	M9D CLNT 200

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 a RFC connection using Connection Type T (Start External Program Using TCP/IP) into the same client:

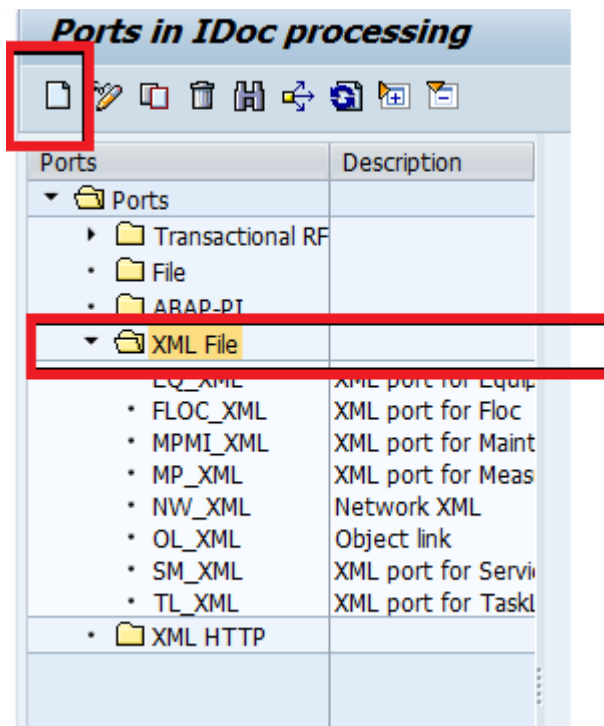
Note: By default, BASIS creates this connection.



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, OL_XML.



- Enter the name of the Directory created using t-code AL11 and enter the Function module as displayed in the following screens.

For Object Links.

Ports in IDoc processing

Ports	Description	Port
Ports		OT_XML
Transaction RF		
File		
ABAP-PI		
XML File		
EQ_XML	XML port for Equip	
FLOC_XML	XML port for Floc	
MPMI_XML	XML port for Maint	
MP_XML	XML port for Meas	
NW_XML	Network XML	
OL_XML	Object link	
SM_XML	XML port for Servi	
TL_XML	XML port for Taskl	
XML HTTP		

Description: **Object link**
 XML format: ☐ SAP Release 46 ☒ Unicode
 Outbound file: Outbound: Trigger
☐ Logical directory ☒ physical directory
 Directory: **\\labsmd1\ZDIR_OBJLINK\IMP**
 Function module: **EDI_PATH_CREATE_CLIENT_DOCNUM**
 Description: Directory + file name in format T_Client_Docnum
 Outbound file:

For Object Networks.

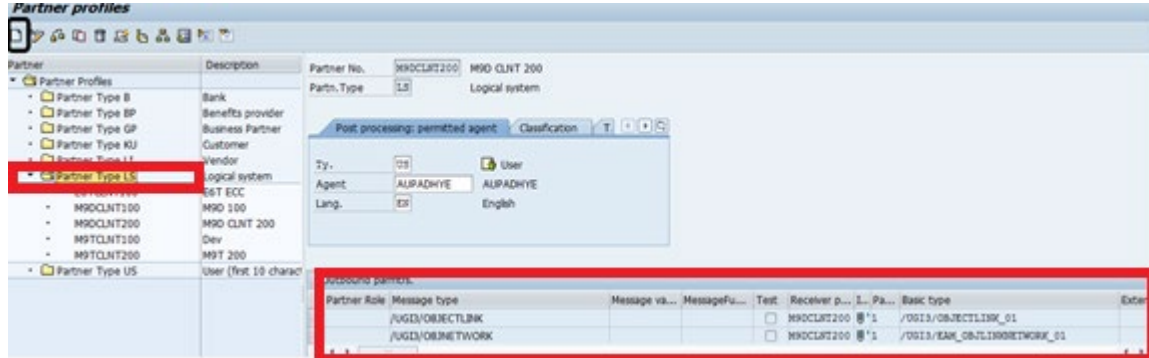
Ports in IDoc processing

Ports	Description	Port
Ports		NW_XML
Transaction RF		
File		
ABAP-PI		
XML File		
EQ_XML	XML port for Equip	
FLOC_XML	XML port for Floc	
MPMI_XML	XML port for Maint	
MP_XML	XML port for Meas	
NW_XML	Network XML	
OL_XML	Object link	
SM_XML	XML port for Servi	
TL_XML	XML port for Taskl	
XML HTTP		

Description: **Network XML**
 XML format: ☐ SAP Release 46 ☒ Unicode
 Outbound file: Outbound: Trigger
☐ Logical directory ☒ physical directory
 Directory: **\\labsmd1\ZDIR_OBJNETWORK\IMP**
 Function module: **EDI_PATH_CREATE_CLIENT_DOCNUM**
 Description: Directory + file name in format T_Client_Docnum
 Outbound file:

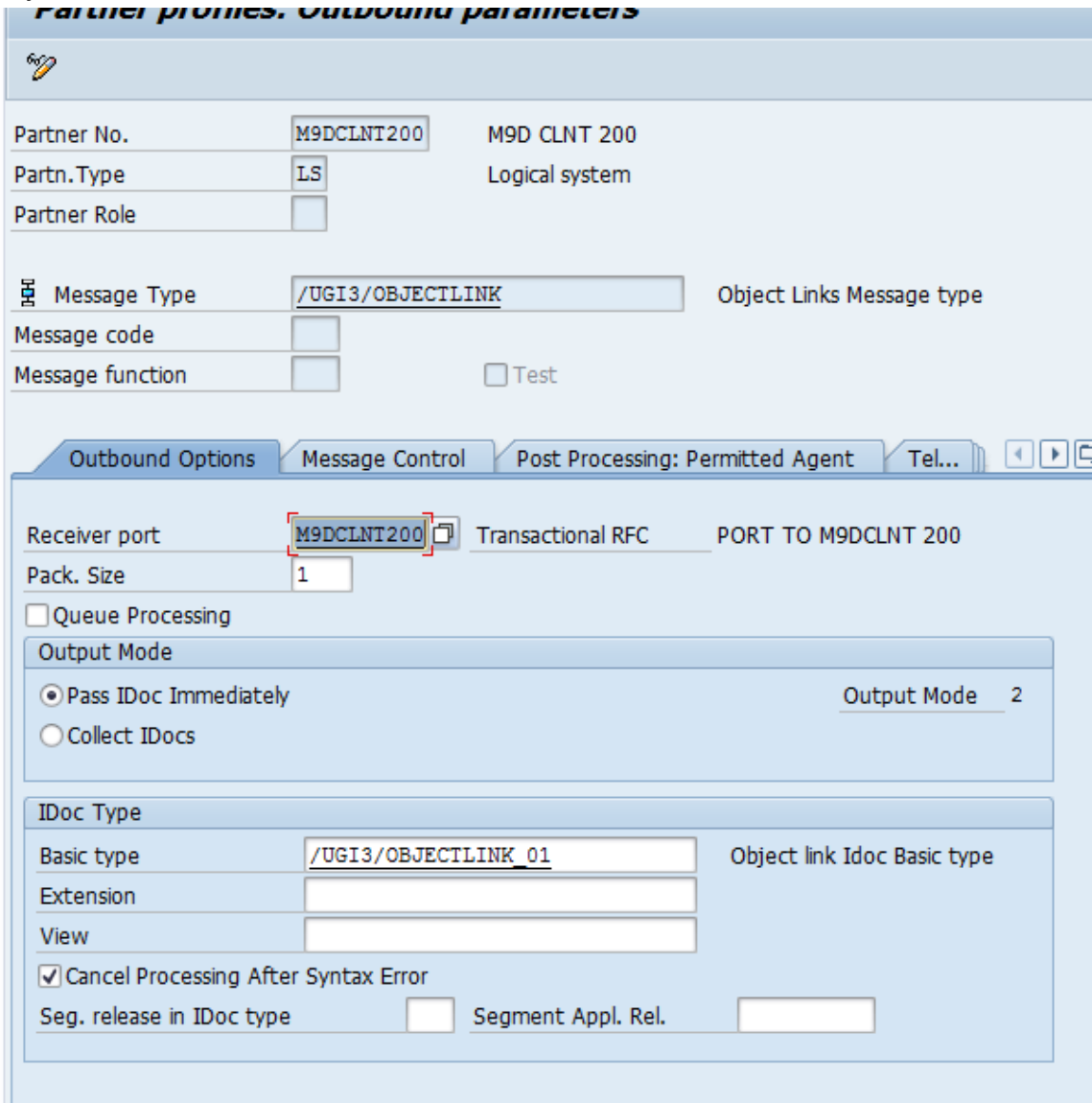
Define Partner Profiles

Run the t-code WE20 > Locate the MDG Client M9DCLNT200 under tree node Partner Profile LS > Maintain the settings for message types /UGI3/OBJECTLINK, /UGI3/OBJNETWORK and /UGI3/NETWORKEVTID, CLFMAS under outbound parameters.



Partner Role	Message type	Message via...	MessageFu...	Test	Receiver p...	I...	Pa...	Basic type	Ext...
	/UGI3/OBJECTLINK			<input type="checkbox"/>	M9DCLNT200	'1		/UGI3/OBJECTLINK_01	
	/UGI3/OBJNETWORK			<input type="checkbox"/>	M9DCLNT200	'1		/UGI3/EAM_OBJNETWORK_01	

Object Links Partner Profile.



Partner No. M9DCLNT200 M9D CLNT 200
 Partn.Type LS Logical system
 Partner Role

Message Type /UGI3/OBJECTLINK Object Links Message type
 Message code
 Message function ☐ Test

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


Receiver port M9DCLNT200 Transactional RFC PORT TO M9DCLNT 200
 Pack. Size 1
☐ Queue Processing

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


IDoc Type
 Basic type /UGI3/OBJECTLINK_01 Object link Idoc Basic type
 Extension
 View
☒ Cancel Processing After Syntax Error
 Seg. release in IDoc type Segment Appl. Rel.

Object Networks Partner Profile.

Partner profiles: Outbound parameters




Partner No.	M9DCLNT200	M9D CLNT 200
Partn. Type	LS	Logical system
Partner Role		

 Message Type /UGI3/OBJNETWORK Object Network Idoc Message type

Message code

Message function ☐ Test

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

Receiver port M9DCLNT200  Transactional RFC PORT TO M9DCLNT 200

Pack. Size 1

☐ Queue Processing

Output Mode

☒ Pass IDoc Immediately Output Mode 2

☐ Collect IDocs

IDoc Type

Basic type /UGI3/EAM_OBJLINKNETWORK_01 IDoc for Object Link Network

Extension

View

☒ Cancel Processing After Syntax Error

Seg. release in IDoc type Segment Appl. Rel.

Event Partner Profile.

Partner profiles: Outbound parameters

Partner No. M9D CLNT 200
Partn. Type Logical system
Partner Role

Message Type Object Links Network event ID
Message code
Message function ☐ Test

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


Receiver port Transactional RFC PORT TO M9DCLNT 200
Pack. Size
☐ Queue Processing

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


IDoc Type
Basic type Object Links Network event I...
Extension
View
☒ Cancel Processing After Syntax Error
Seg. release in IDoc type Segment Appl. Rel.


Classification Partner Profile.


Partner profiles: Outbound parameters



Partner No. M9D CLNT 200
 Partn.Type Logical system
 Partner Role

 Message Type Class system: Classification master
 Message code
 Message function ☐ Test

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

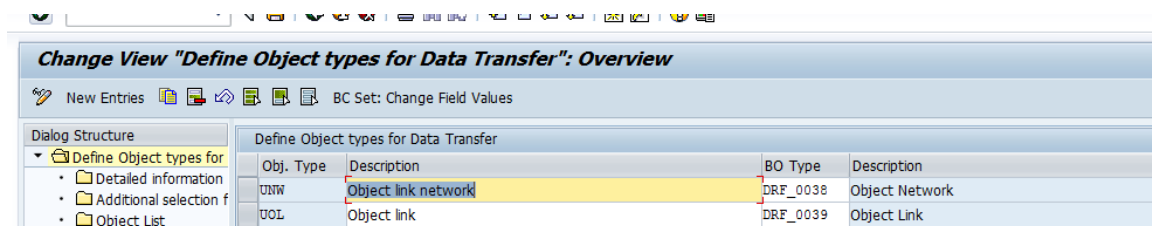
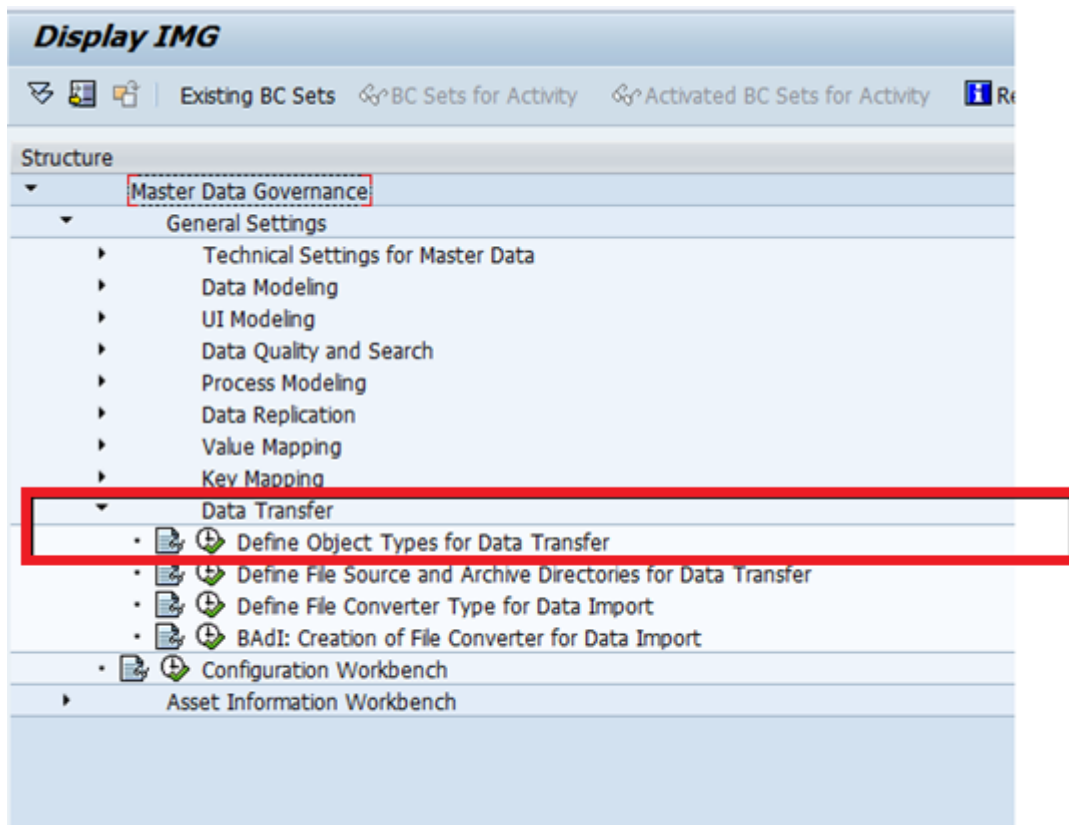
Receiver port  Transactional RFC PORT TO M9DCLNT 200
 Pack. Size
☐ Queue Processing

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

IDoc Type
 Basic type Master object classification
 Extension
 View
☒ Cancel Processing After Syntax Error
 Seg. release in IDoc type Segment Appl. Rel.

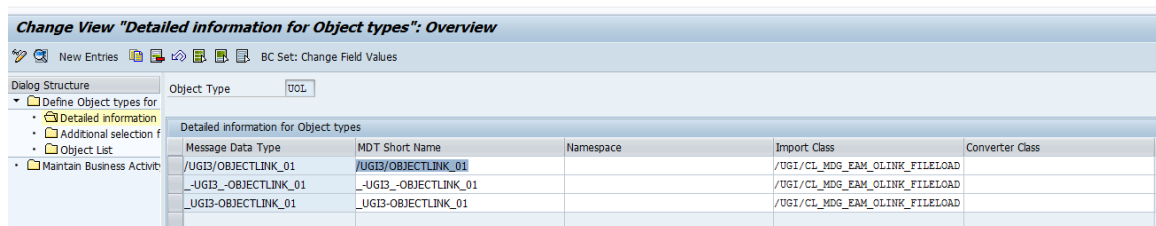
Define Object Types

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

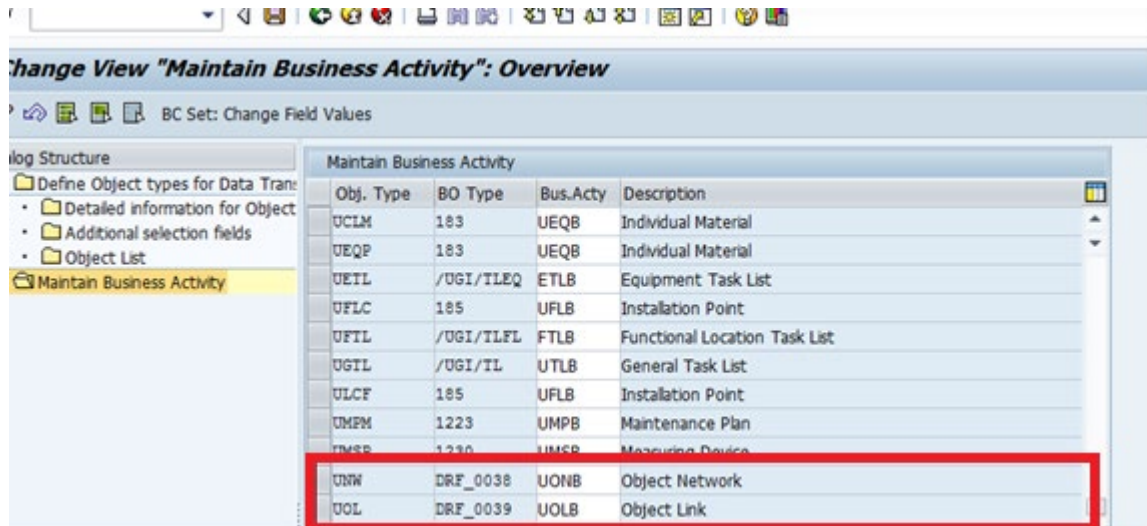


Use the following steps to set up the Data Import Framework.

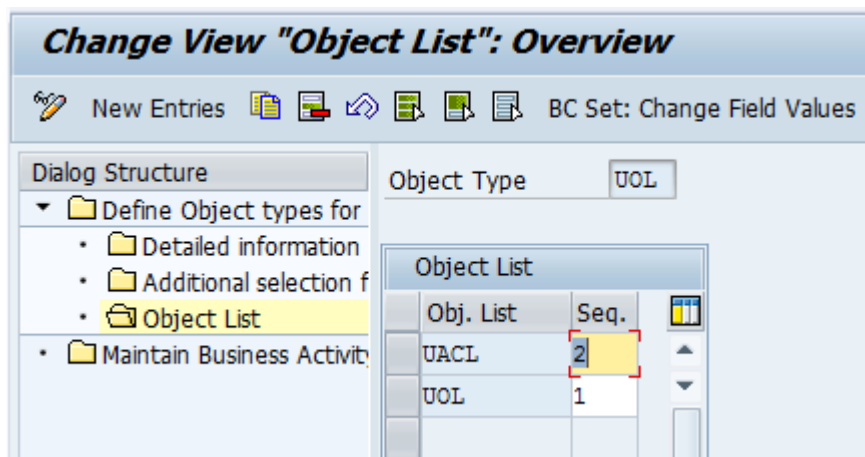
1. Click on sub-node "Detailed information for Object Types".
2. Provide the message types to be recognized in the file while importing the data.



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.



- Maintain Object List for Data Import.



- Select Main business activity and maintain business activities.

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.
- To assign directories as sources or archives, the physical directory paths must be created in the file system initially.

5. Use the t-code SFIL to map them to logical names.
Run the t-code AL11 to verify the directory path creation:

ZDIR_OBJLINK	\\ulabsmd1\ZDIR_OBJLINK
ZDIR_OBJNETWRK	\\ulabsmd1\ZDIR_OBJNETWRK

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

Display View "Logical File Path Definition": Overview

Dialog Structure

- Logical File Path Definition
 - Assignment of Physical Paths to Logical Path
 - Logical File Name Definition, Cross-Client
 - Definition of Variables
 - Syntax Group Definition
 - Assignment of Operating System to Syntax Group

Create a logical file path

Logical File Path	Name
ZDIR_OBJLINK	OBJECT LINK
ZDIR_OBJNETWRK	OBJECT NW

7. Assign physical path for ZDIR_OBJLINK.

Display View "Assignment of Physical Paths to Logical Path": Details

Dialog Structure

- Logical File Path Definition
 - Assignment of Physical Paths to Logical Path
 - Logical File Name Definition, Cross-Client
 - Definition of Variables
 - Syntax Group Definition
 - Assignment of Operating System to Syntax Group

Logical path	ZDIR_OBJLINK
Name	OBJECT LINK
Syntax group	WINDOWS NT Microsoft Windows NT
Physical path	\\ULABSMD1\ZDIR_OBJLINK\IMP\<FILENAME>

8. Assign physical path for ZDIR_OBJNETWRK.

Display View "Assignment of Physical Paths to Logical Path": Details

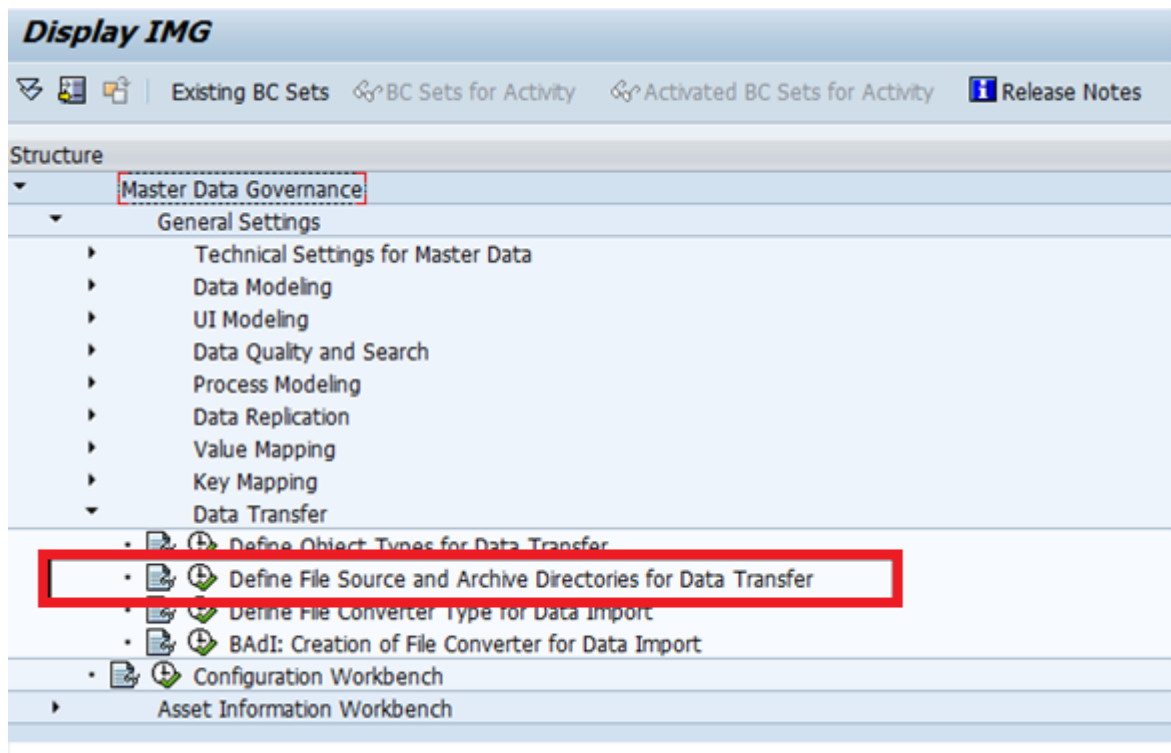
Dialog Structure

- Logical File Path Definition
 - Assignment of Physical Paths to Logical Path
 - Logical File Name Definition, Cross-Client
 - Definition of Variables
 - Syntax Group Definition
 - Assignment of Operating System to Syntax Group

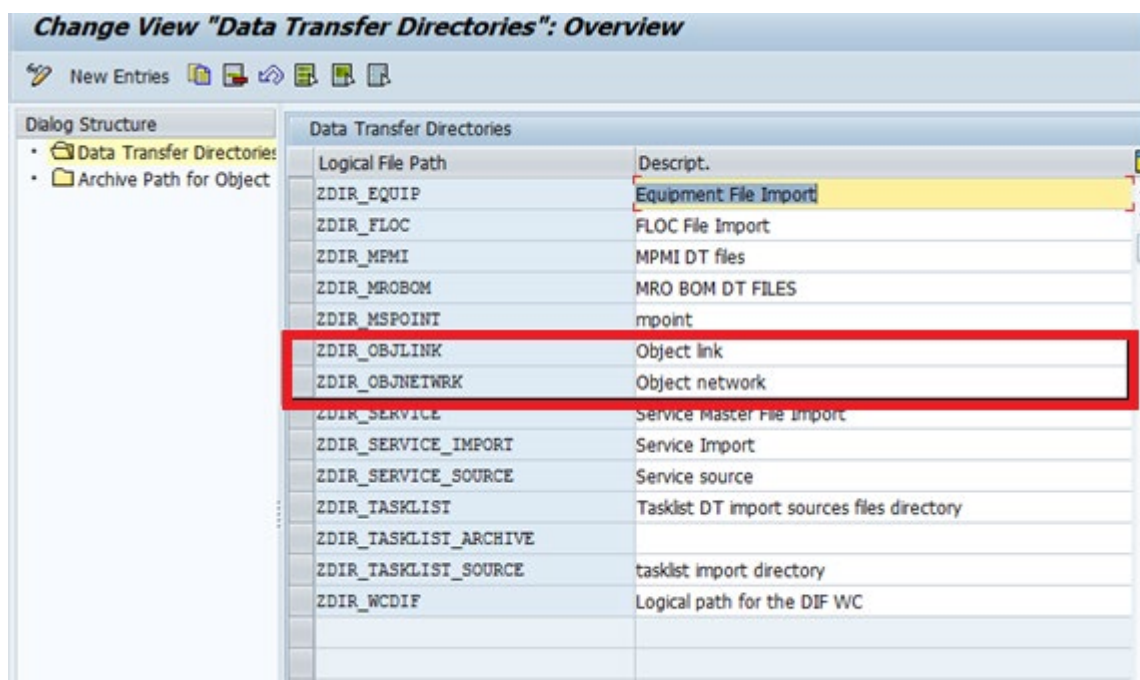
Logical path	ZDIR_OBJNETWRK
Name	OBJECT NW
Syntax group	WINDOWS NT Microsoft Windows NT
Physical path	\\ULABSMD1\ZDIR_OBJNETWRK\IMP\<FILENAME>

Defining Source and Logical Directories

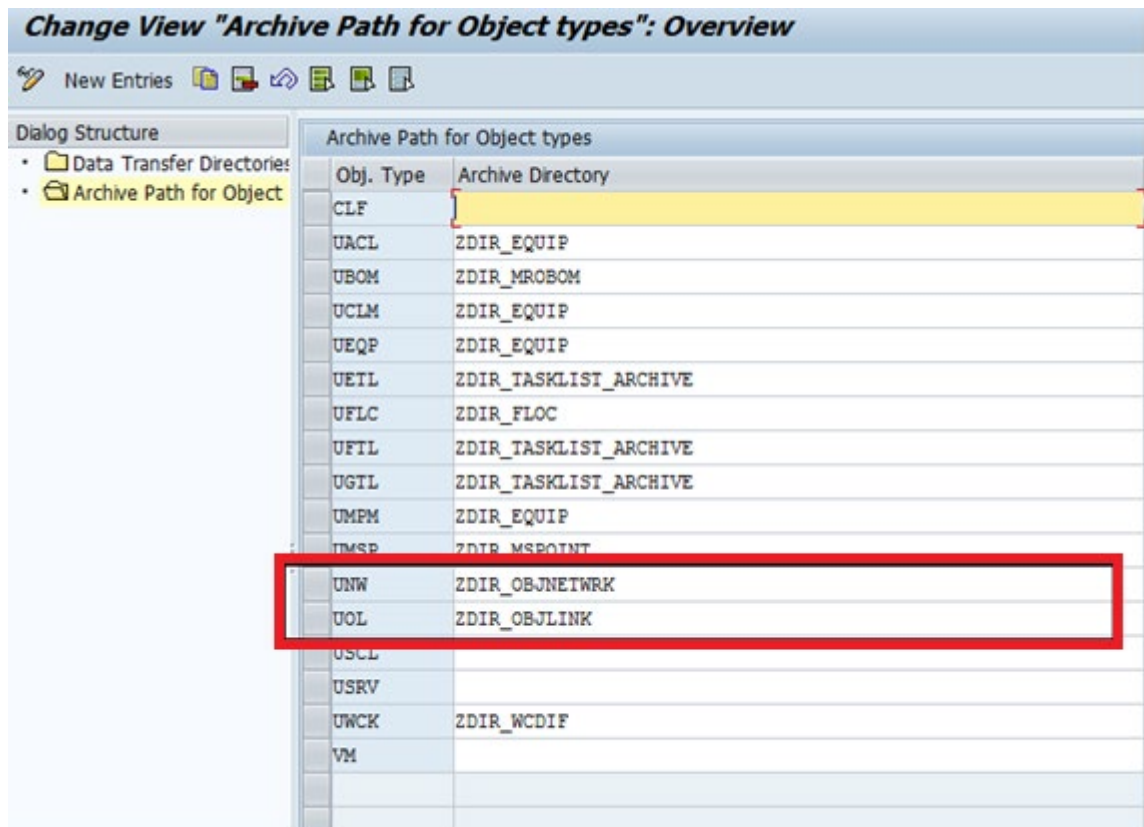
Go to MDGIMG > Master Data Governance > General Settings > Data Transfer > Define File Source and Archive Directories for Data Transfer.



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



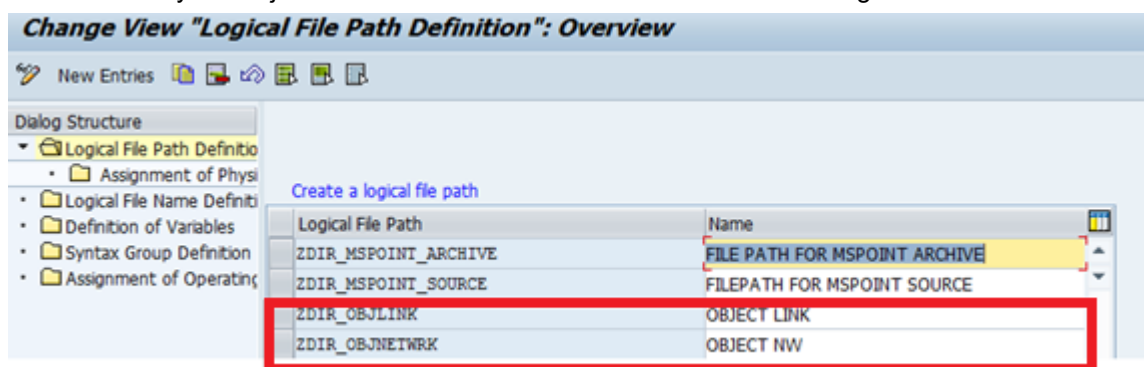
2. Click on Archive Path for Object types to maintain the archiving path of files used.



Defining Source and Logical Directories

Use the following steps to assign physical and logical paths:

1. Open t-code FILE
2. Select node Logical File Path Definition > Click on “New Entries”
3. Create an entry for Object link and network files as shown in the following screen.



4. Save the entry and click on the sub-node “Assignment of Physical Paths to Logical Path”
5. Enter the details as displayed and the physical path should be the path which is created in AL11 for the Object links i.e. \\ULABSMD1\ZDIR_OBJLINK\IMP\<FILENAME> followed by filename and Object Networks i.e. \\ULABSMD1\ZDIR_OBJNETWRK\IMP\<FILENAME>

Change View "Assignment of Physical Paths to Logical Path": Details

New Entries

Dialog Structure

- Logical File Path Definition
 - Assignment of Physical Paths to Logical Path

Logical path: ZDIR_OBJLINK

Name: OBJECT LINK

Syntax group: WINDOWS NT | Microsoft Windows NT

Physical path: \\ULABSMD1\ZDIR_OBJLINK\IMP\<FILENAME>

Change View "Assignment of Physical Paths to Logical Path": Details

New Entries

Dialog Structure

- Logical File Path Definition
 - Assignment of Physical Paths to Logical Path

Logical path: ZDIR_OBJNETWORK

Name: OBJECT NW

Syntax group: WINDOWS NT | Microsoft Windows NT

Physical path: \\ULABSMD1\ZDIR_OBJNETWORK\IMP\<FILENAME>

- Save the entry.
- Navigate to "Logical File Path Definition and click on node Logical File Name Definition, Cross-Client"
- Click on New Entries and maintain the entries as displayed in the following screen:
For Object Links:

Change View "Logical File Name Definition, Cross-Client": Details

New Entries

Dialog Structure

- Logical File Path Definition
 - Assignment of Physical Paths to Logical Path
 - Logical File Name Definition

Log. File: ZDIR_OBJLINK

Name: Object link file

Physical file: <PARAM_1>

Data format: BIN

Applicat.area: CA

Logical path: ZDIR_OBJLINK

For Object Networks.

Change View "Logical File Name Definition, Cross-Client": Details

New Entries

Dialog Structure

- Logical File Path Definition
 - Assignment of Physical Paths to Logical Path
 - Logical File Name Definition

Log. File: ZDIR_OBJNETWORK

Name: Object network file

Physical file: <PARAM_1>

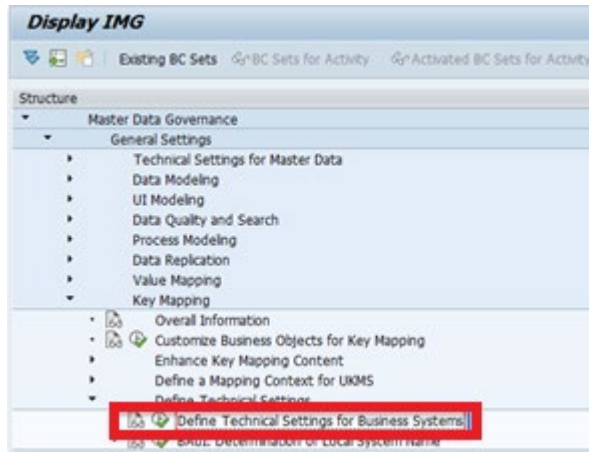
Data format: BIN

Applicat.area: CA

Logical path: ZDIR_OBJNETWORK

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

Change View "Define Business Systems": Overview

New Entries

Dialog Structure: Define Business Systems

Business System	Logical System	RFC Destination	Logical File Path	Download to PS	Unicode	Unicode Code Page	Disabled for Rep.
UGI_ULABSD1_M9DCLNT100	M9DCLNT100	M9DCLNT100		<input type="checkbox"/>	<input type="checkbox"/>	0	
UGI_ULABSD1_M9DCLNT200	M9DCLNT200	M9DCLNT200		<input type="checkbox"/>	<input type="checkbox"/>	0	
UGI_ULABSDG75_M9TCLNT100	M9TCLNT100	M9TCLNT100		<input type="checkbox"/>	<input type="checkbox"/>	0	
UGI_ULABSDG75_M9TCLNT200	M9TCLNT200	M9TCLNT200		<input type="checkbox"/>	<input type="checkbox"/>	0	

2. Add the BO Types for the Business System:

- BO Type DRF_0038 (Object Networks)
- BO Type DRF_0039 (Object Links)

Change View "Define Bus. Systems, BOs": Overview

New Entries






Dialog Structure: Define Business Systems > Define Bus. Systems, BOs

Business System: UGI_ULABSD1_M9DCLNT200

BO Type	Description	Sys. Fil.	Outp. Mode
/UGI/NEVT	Object Links Network event ID	<input type="checkbox"/>	Object-Dependent
/UGI/TL	General Task List	<input type="checkbox"/>	Object-Dependent
1223	Maintenance Plan	<input type="checkbox"/>	Object-Dependent
1230	Measuring Device	<input type="checkbox"/>	Object-Dependent
183	Individual Material	<input type="checkbox"/>	Object-Dependent
185	Installation Point	<input type="checkbox"/>	Object-Dependent
258	Service Product	<input type="checkbox"/>	Object-Dependent
DRF_0022	Maintenance Item	<input type="checkbox"/>	Object-Dependent
DRF_0038	Object Network	<input type="checkbox"/>	Object-Dependent
DRF_0039	Object Link	<input type="checkbox"/>	Object-Dependent

3. For Key Mapping scenarios, update the communication channel settings as explained in the following section:

Change View "Define Bus. Systems, BOs, Communication Channel": Overview

New Entries     

Dialog Structure

- Define Business Systems
 - Define Bus. Systems
 - Define Bus. Syst.

Business System: UGI_ULABSM1_M9DCLNT200
 Bus. Obj. Type: DRF_0039
 Description: Object Link

Define Bus. Systems, BOs, Communication Channel				
C. Channel	Key Harm.	Upd. KM	Storage	Time Dep.
Replication via IDoc	Key Mapping	<input type="checkbox"/>	Not Defined	Not Defined

Test Scenario for DIF

Use the following steps for Test Scenario for DIF:

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

For Object Links.

ZDIR_OBJLINK	\\ulabsmd1\ZDIR_OBJLINK
--------------	-------------------------

For Object Networks

ZDIR_OBJNETWORK	\\ulabsmd1\ZDIR_OBJNETWORK
-----------------	----------------------------

3. Open directory and get the file name to download.

For Object Links.

Directory: ||ulabsmd1\ZDIR_OBJLINK\IMP

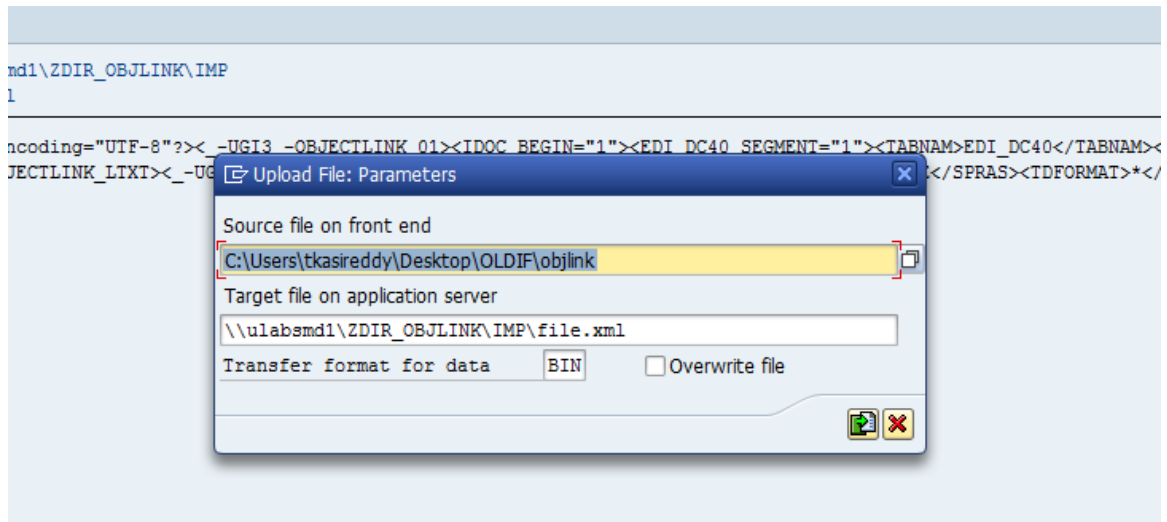
Usable	Viewed	Changed	Length	File Owner	Lastchange	Lastchange	File Name
				Administrators	09/07/2017	02:33:41	.
					12/31/1969	18:00:00	..
X			2419	SAPServiceM9D	09/07/2017	02:38:09	O_100_0000000000124205.xml
X			2949	SAPServiceM9D	08/07/2017	02:50:54	file.xml

For Object Networks.

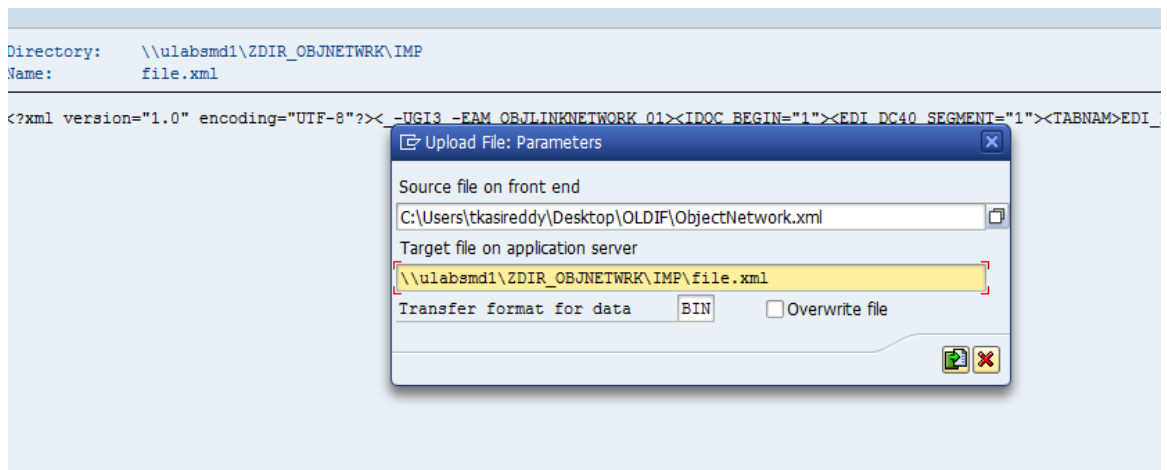
Directory: ||ulabsmd1\ZDIR_OBJNETWORK\IMP

Usable	Viewed	Changed	Length	File Owner	Lastchange	Lastchange	File Name
				Administrators	08/07/2017	23:18:02	.
					12/31/1969	18:00:00	..
X			10848	SAPServiceM9D	09/01/2017	00:53:17	file.xml

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



For Object Networks.



5. Click on "Download" button to download the file in the specified location.

The following steps are required to run the DIF for Object Links/Object Networks:

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

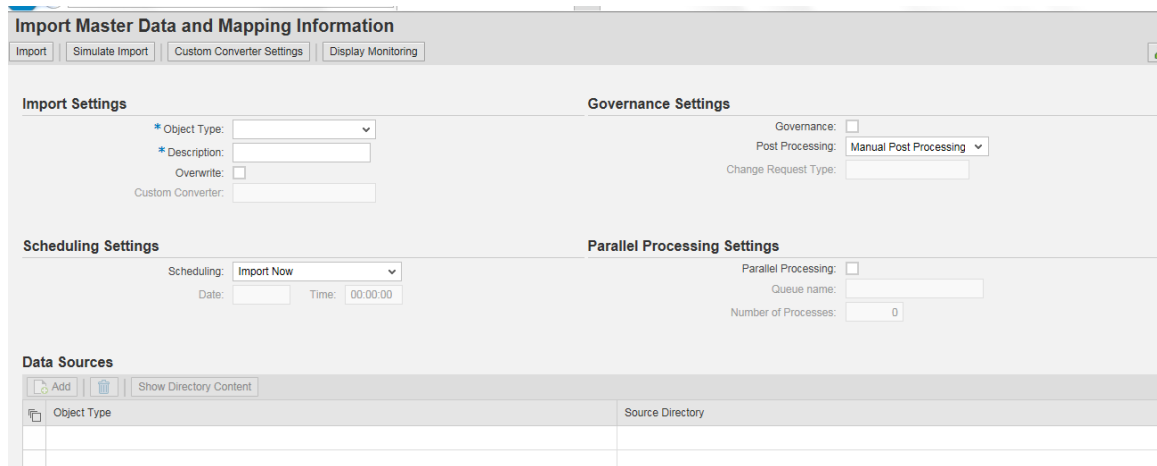
Use the following steps to test the DIF:

1. Received the enclosed IDoc XML files for DIF Import from client system: Refer Sample files enclosed below
2. Upload the file.
3. 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.

Data Import

Use the following steps to import data:

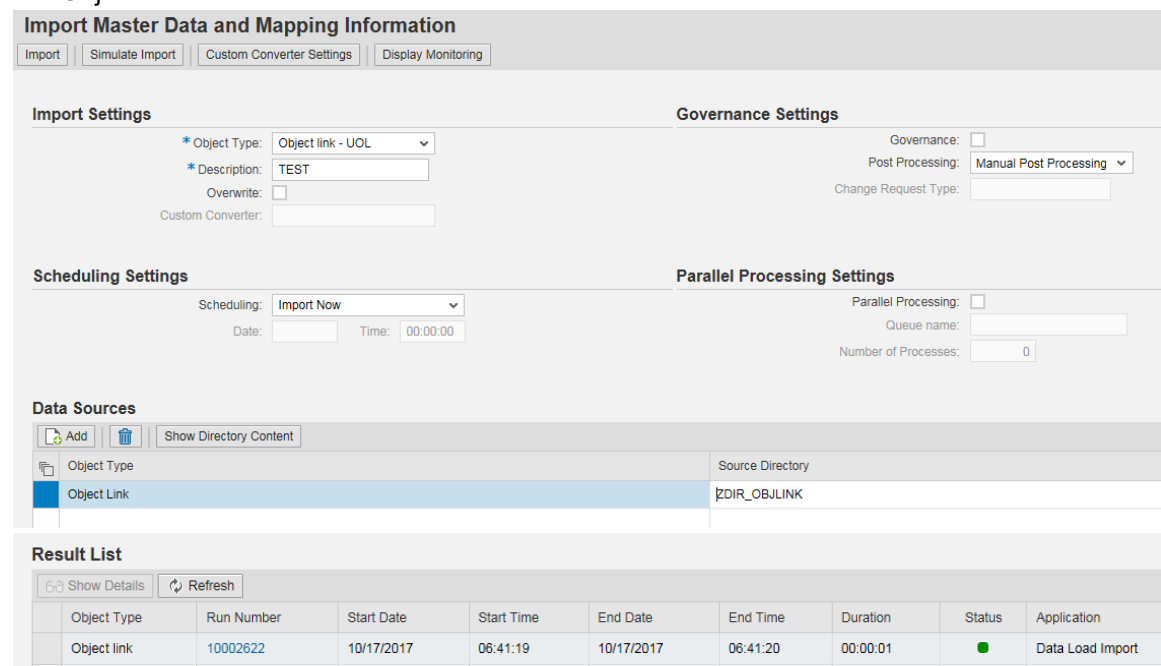
1. Navigate to the Data Exchange tab > Data Load > Import Master Data.



2. Scenario 1 – Manual Post Processing.

- a. Enter the following details in the new Data Import screen:
 - Object Type – UOL (Object Link) / UNW (Object Link Network)
 - Enter the Description
 - Select overwrite check box if you want the object to be overwritten
 - Select the Post Processing as Manual Post Processing
 - Data Sources – Add the relevant Object Type and Source Directory as shown below
- b. Click on “Import” button.
- c. Change Request is not created and data will be imported directly to active area

For Object Links:



Object Type	Run Number	Start Date	Start Time	End Date	End Time	Duration	Status	Application
Object link	10002622	10/17/2017	06:41:19	10/17/2017	06:41:20	00:00:01	●	Data Load Import

Display Logs


Close



Data Transfer Logs

Propagated Type/Date/Time/User
<div> <div></div> <div>10/17/2017 07:41:19</div> <div></div> </div>
<div> <div></div> <div>Description: TEST</div> </div>
<div> <div></div> <div>Object Type Processing Sequence: Object Link</div> </div>
<div> <div></div> <div>Processing files from directory \\ULABSMD1\ZDIR_OBJLINK\IMPI\</div> </div>
<div> <div></div> <div>Message Type _-UGI3_-OBJECTLINK_01 detected for file file.xml</div> </div>
<div> <div></div> <div>IDoc processed successfully for Objectlink 000000000010000103</div> </div>
<div> <div></div> <div>Link 10000845 created</div> </div>

d. Enter the t-code IN03 to verify if Object Link is created.

Display object link


[Class overview](#)
[Documents](#)
[Object network](#)

Link	10000845	Cat.	L Lam
Description	test for DIF 		
Network ID	LAM_DIF1		
Status	CRTE	CRTD TEST	

Objects linked

Link frm equip.	10000023	test equipment
Link to equip.	10000024	to equipment
EQ LinkObjct	10000011	CDU 1

Link description

Number	1	AuthorizGroup	0001	Group 0001
Valid frm	09/01/2017	Time	06:15:56	
Valid to	31/12/9999	Time	23:59:59	
Medium	000001	H2O		
RelTypePoss.	<input type="radio"/> One-way <input checked="" type="radio"/> Two-way			
RelTypeUsed	<input type="radio"/> One-way <input checked="" type="radio"/> Two-way <input type="radio"/> Rel. not used			

For Object Networks:

Import Master Data and Mapping Information

Import Settings

* Object Type:

* Description:

Overwrite: ☐

Custom Converter:

Governance Settings

Governance: ☐

Post Processing:

Change Request Type:

Scheduling Settings

Scheduling:

Date: Time:

Parallel Processing Settings

Parallel Processing: ☐

Queue name:

Number of Processes:

Data Sources

Object Type	Source Directory
Object Network	ZDIR_OBJNETWRK

Result List

Object Type	Run Number	Start Date	Start Time	End Date	End Time	Duration	Status	Application
Object link network	10002625	10/17/2017	07:06:45	10/17/2017	07:06:46	00:00:01	●	Data Load Import

Display Logs

Data Transfer Logs

Propagated Type/Date/Time/User
<div> <div> ● 10/17/2017 08:06:45 </div> <div> ● Description: TEST </div> <div> ● Object Type Processing Sequence: Object Network </div> <div> ● Processing files from directory \\ULABSMD1\ZDIR_OBJNETWRK\IMP\ </div> <div> ● Message Type _-UGI3_-EAM_OBJLINKNETWORK_01 detected for file file.xml </div> <div> ● IDoc processed successfully for Network NW00001 </div> <div> ● Object Network id NW00001 updated successfully </div> <div> ● Link NL00001 created </div> <div> ● Link NL00002 created </div> </div>
<div> <div> ● 10/17/2017 08:06:45 </div> </div>

- e. Enter the t-code IN23 to verify for both the Object Links and Network.

Display Equipment Network: NW00001

Graphic

Network Data

Network ID: NW00001 ☐ Deletion Ind. Network Type: RAIL RAILWAY
 NetwkID short text: LAM network for equipment-1 Network Group: NETGROUP NETWORK GROUP

Linear Data

Linear Reference Pattern: LRP_R01
 Start Point: 800 End Point: 900
 Length: 100 Unit of Measure: R01
 Start Marker: R01 End Marker: R02
 Dist.Start Mkr: 700 Dist End Marker: 700 UoM: R01

Object Links

Details Link	Descrip.	Link from	L. f. EQ.	Link to	L. to EQ D	Equip. LO	EQ LO.	L	Network ID	No.	Valid frm	Time	Valid to	Time	Medium	P	U
NL00001	Link-001	10000009	VPM 3	10000010	VTI 25	10000011	CDU 1	<input type="checkbox"/>	NW00001	1	08/30/2017	05:36:22	07/01/2023	14:36:53	000001	2	2
NL00002	test fr dif	10000012	VTI 25	10000013	VLD C65	10000011	CDU 1	<input type="checkbox"/>	NW00001	1	08/31/2017	08:06:09	08/31/2017	08:06:09	H2O		

3. Scenario 2 – Defined by Change Request without governance

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

- Object Type – UOL (Object Link) / UNW (Object Link Network)
- Enter the Description
- Select overwrite check box if you want the object to be overwritten
- Select the Post Processing – Defined by Change Request
- Choose the Change Request type as “OBJLNK0B (Import Object Links) / OBJNET0B (Import Object Networks)”
- Data Sources – Add the relevant Object Type and Source Directory as shown below

For Object Links:

Import Master Data and Mapping Information

Import Simulate Import Custom Converter Settings Display Monitoring

Import Settings

* Object Type: Object link - UOL
 * Description: TEST
 Overwrite: ☐
 Custom Converter:

Governance Settings

Governance: ☐
 Post Processing: Defined by Change Req
 * Change Request Type: OBJLNK0B

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
Object Link	ZDIR_OBJLINK

b. Click on “Import” button.

c. If there is no error data will be imported directly to active area. If any error occurs; a Change Request is created.

Object Link is created successfully in active area.

Display Logs


Close



Data Transfer Logs

	Propagated Type/Date/Time/User
▼	10/17/2017 08:16:59 [REDACTED]
	■ Description: TEST
	■ Object Type Processing Sequence: Object Link
	■ Processing files from directory \\ULABSMD1\ZDIR_OBJLINK\IMPI\
	■ Message Type _-UGI3_-OBJECTLINK_01 detected for file file.xml
	■ IDoc processed successfully for Objectlink 000000000010000103
	■ Link 10000847 created
►	10/17/2017 08:16:59 [REDACTED]

- d. Enter the t-code IN03 to verify if Object Link is created.

Display object link

 Class overview Documents Object network

Link	10000847	Cat.	L Lam
Description	test for DIF		
Network ID	LAM_DIF1		
Status	C RTE	CRTD TEST	

Objects linked

Link frm equip.	10000023	test equipment
Link to equip.	10000024	to equipment
EQ LinkObject	10000011	CDU 1










Link description

Number	1	AuthorizGroup	0001	Group 0001
Valid frm	09/01/2017	Time	06:15:56	
Valid to	31/12/9999	Time	23:59:59	
Medium	000001	H2O		
RelTypePoss.	<input type="radio"/> One-way <input checked="" type="radio"/> Two-way			
RelTypeUsed	<input type="radio"/> One-way <input checked="" type="radio"/> Two-way <input type="radio"/> Rel. not used			

File import with errors. Hence, a Change Request 36067 is created for errors processing

Display Logs

Data Transfer Logs

Propagated Type/Date/Time/User
<div>  10/17/2017 08:18:37 [REDACTED] </div>
<div>  Description: TEST </div>
<div>  Object Type Processing Sequence: Object Link </div>
<div>  Processing files from directory \\ULABSMD1\ZDIR_OBJLINK\WIMP\ </div>
<div>  Message Type _-UGI3_-OBJECTLINK_01 detected for file file.xml </div>
<div>  Enter a valid start marker for LRP LRP_KM </div>
<div>  IDoc 0000000000227438 contains error; import to active area failed for this IDoc </div>
<div>  Entities uploaded to staging area with change request 000000036067 </div>
<div>  10/17/2017 08:18:37 [REDACTED] </div>

4. Scenario 3 - Defined by Change Request with governance.
 - a. Enter the following details in the new Data Import screen:
 - Object type – UOL (Object Link) / UNW (Object Link Network)
 - Enter the description
 - Select overwrite check box if you want the object to be overwritten
 - Select the Post Processing – Defined by Change Request.
 - Select Governance Check box.
 - Choose the Change Request type as “OBJLNK0B (Import Object Links) / OBJNET0B (Import Object Networks)”
 - Data Sources – Add the relevant Object Type and Source Directory as shown below
 - b. Click on “Import” button.
 - c. If governance is selected, data is loaded into the staging area (a change request is created).

Sample Files:

1. Object Links and 2. Object Networks



OBJLINK.XML



OBJNET.XML