



PUBLIC

# How-To Configure Data Replication for MDG Custom Objects (Flex Option)

Applicable Releases:

From MDG 7.0 and from SAP S/4HANA 1511

Version 2.0

July 2023

## Document History

Document Version	Description
1.0	First official release of this guide (September 2011)
2.0	Change layout and minor adjustments (July 2023)

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# 1 Business Scenario

SAP Master Data Governance (MDG) provides business processes to find, create, change, and mark master data for deletion. It supports the governance of master data in a central hub and the distribution to connected operational and business intelligence systems.

The processes are workflow-driven and can include several approval and revision phases, and the collaboration of all users participating in the master data maintenance.

MDG offers change request (CR)-based processing of master data with integrated workflow, staging, approval, activation, and distribution.

This how-to guide describes the configuration of data replication for your customer specific data model (flex entity types).

## 2 Background Information

MDG offers the following options to store active master data (data that has been approved):

- The **reuse option** used by MDG-M and MDG-S stores data in the tables such as MARA or LFA1.
- The **flex option** used by MDG-F and MDG for Custom Objects stores data in generated tables.

In both options, inactive master data (data that has not yet been approved) is stored in the generated tables.

Data that the MDG system replicates to target systems is always **active data**. The MDG system takes the active data from the SAP ERP tables or from the generated tables depending on the option in use (**reuse option** or **flex option**).

MDG applications such as MDG-M, MDG-S, and MDG-F include standard implementations of the Data Replication Framework (DRF) that read the data and send the messages to the target system. The standard implementations support key mapping and value mapping.

SAP also delivers generic implementations that you can configure to replicate data from customer-specific applications (MDG for Custom Objects). This guide describes the necessary configuration steps.

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 transactions:

- MDGIMG – IMG Master Data Governance
- DRFIMG – IMG Data Replication Framework
- IDMIMG – IMG Key Mapping
- VMIMG – IMG Value Mapping

## 3 Step-by-Step Procedure

### 3.1 Create the ZZ Data Model Using the Flex Option

This example involves a simple definition of the Data Model that includes two Entity Types and a relationship. The example covers a small part of the SFLIGHT scenario, a scenario that is often used in SAP training materials.

The assumption behind the example is that you are building a custom MDG application for creating and governing data about airlines.

In Customizing for Master Data Governance (transaction MDGIMG), choose General Settings > Data Modeling > Edit Data Model. In the Entity Types view, edit the CARR Entity Type for Carrier (Airline) as shown below.

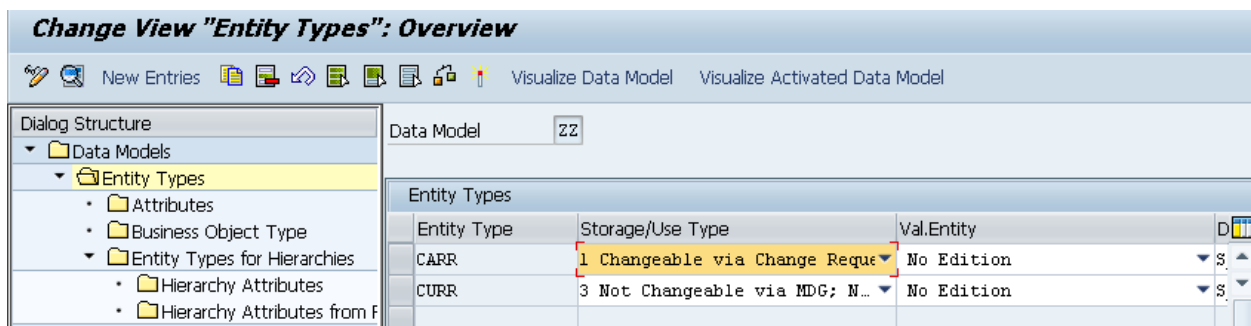


Figure 1 - The Entity Types view of the General Settings > Data Modeling > Edit Data Model Customizing activity

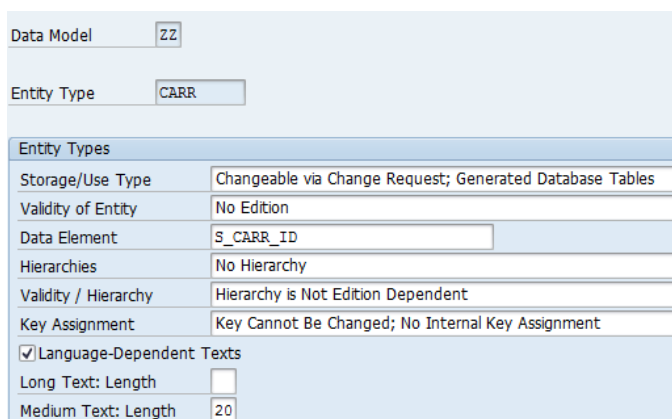


Figure 2 - The CARR Entity Type

Specify an attribute URL for the CARR Entity Type.

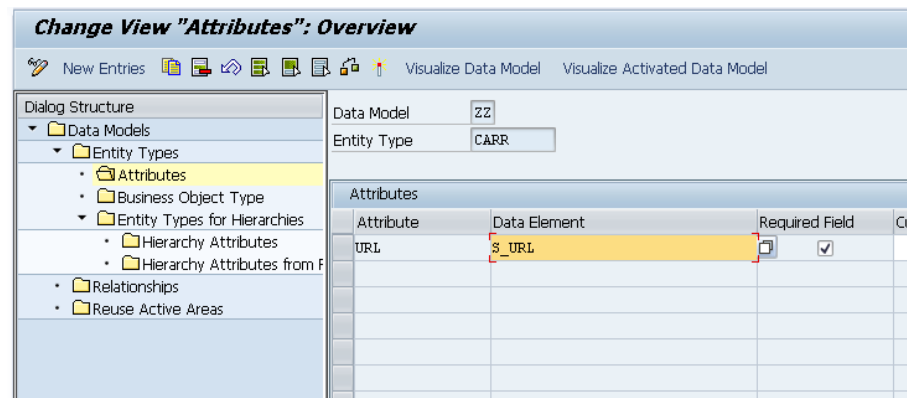


Figure 3 - The Attributes view

In the *Entity Types* view, edit the CURR Entity Type for *Currency* as shown below.

Data Model

Entity Type

Entity Types	
Storage/Use Type	Not Changeable via MDG; No Generated Tables
Validity of Entity	No Edition
Data Element	S_CURRCODE
Hierarchies	No Hierarchy
Validity / Hierarchy	Hierarchy is Not Edition Dependent
Key Assignment	Key Cannot Be Changed; No Internal Key Assignment
<input type="checkbox"/> Language-Dependent Texts	
Long Text: Length	<input type="text"/>
Medium Text: Length	<input type="text"/>
Short Text: Length	<input type="text"/>

Figure 4 - The CURR Entity Type

In the *Relationships* view, specify the relationship between CARR and CURR.

Data Model

Relationships					
From-Entity Type	Relationship	To-Entity Type	Relation. Type	Cardinality	Data Element
CARR	CARR_CURR	CARR	Referencing	1 : N	S_CURRCODE

After you generate the Data Model, you can use the USMD\_DATA\_MODEL report to identify the tables generated for your Data Model. You can access this report from transaction SE38.

Generated Tables						
Details						
Entity Type	Included Entity Type	Type	Subtype	Logical Name	Physical Name	Version
CARR		TABL	Check Table	TCK_ZZ_CARR	/1MD/MD_ZZQ	0001
CARR		TABL	Text Table	TXT_ZZ_CARR	/1MD/MD_ZZR	0001

Figure 5 - Generated tables shown after running the USMD\_DATA\_MODEL report from transaction SE38

## 3.2 Enable Key Mapping (Optional Step)

This step is required if you want to implement key mapping.

Key Mapping

- Overall Information
- Customize Business Objects for Key Mapping
  - Enhance Key Mapping Content
    - Define Business Objects
    - Define Object Identifiers
    - Assign Key Structures to Object Identifiers
    - Define Object Nodes
    - Assign Business Objects to Main Contexts
  - BAdI: Determination of Local System Name
    - Define a Mapping Context for UKMS
      - Define mapping contexts

Figure 6 - Transaction IDMIMG: Define a Mapping Context for UKMS -> Define Mapping Contexts

New Entries: Overview of Added Entries		
UKM: Mapping context		
Main Context	Subcontext	Main Cntxt
ZZSFLIGHT	SAPdefaultMapping	ZZSF

The system generates a set of tables based on standard tables. These tables should have a prefix of **z** to identify them as customer specific objects.

Copy Table

From

Table

UKMDB\_AGC00000

to

Table

ZUKMDB\_AGCZZSF0

☐
☐

The system requires confirmation of tables to be copied.

### 3.3 Create a Business Object Type

Data replication always refers to business object types, which are based on data models. You can define business object types in the *Define Business Objects* customizing activity or in the *Define Business Objects Available for Replication* customizing activity.

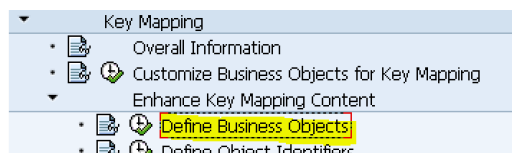


Figure 7 - Transaction IDMIMG

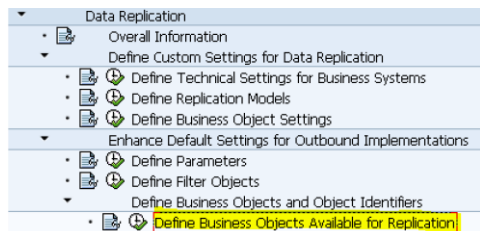
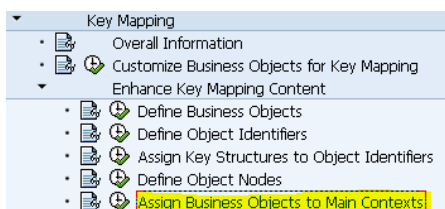


Figure 8 - Transaction DRFIMG

Define Business Objects						
Bus. Obj. Type	Description	Constant Name	Projection	Main OT	Ob. ID Type Key St. Acc.	
ZZSF	SFLIGHT (Flex Option)	ZZSFLIGHT	<input type="checkbox"/>			

For key mapping, you must assign each Business Object Type to a Main Context. In this example the ZZSF Business Object Type is assigned to the ZZSFLIGHT Main Context.



Assign Business Objects to Main Contexts			
BO Type	Description	Main Context	Secondary Mapping Context
ZZSF	SFLIGHT (Flex Option)	ZZSFLIGHT	

### 3.4 Define Object Nodes

Define the ZZSF Object Node Type for the ZZSF airline code.

Key Mapping
Overall Information
Customize Business Objects for Key Mapping
Enhance Key Mapping Content
Define Business Objects
Define Object Identifiers
Assign Key Structures to Object Identifiers
Define Object Nodes

Define Object Nodes	
Ob Node Ty	Obj. Node Type Desc.
ZZSF	ZZSF Airline Code

You can use the *Define Object Identifiers* customizing activity if there are different Object Identifier Types that must map to each other (for example, if a GUID must map to a number). An example used for the business partner is shown below.

Define Object Identifiers							
Object ID Type	Description	Constant Name for Object ID Type	Business Object Type	Description	Int...	Lea...	Object Node Type
888	Business Partner Number	B PARTNER_NR	147	Business Partner	<input type="checkbox"/>	<input type="checkbox"/>	5368
889	Business Partner UUID	B PARTNER_UUID	147	Business Partner	<input checked="" type="checkbox"/>	<input type="checkbox"/>	5368

Figure 9 - Transaction IDMIMG: Enhance Key Mapping Content -> Define Object Identifiers

### 3.5 Create and Assign Object Identifier Types

Create the ZZSF Object Identifier Type. When doing this, specify the ZZSF Object Node Type defined earlier.

Key Mapping
Overall Information
Customize Business Objects for Key Mapping
Enhance Key Mapping Content
Define Business Objects
Define Object Identifiers

Define Object Identifiers									
Object ID Type	Description of Object ID Type	BO Type	Description of Business Object Ty...	Ob ID Constant Name	Int...	Le...	No ...	Obj. Nod...	Description of an Ob
ZZSF	SFLIGHT - Airline Code	ZZSF	SFLIGHT (Flex Option)	ZZSF_AIRLCODE	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	ZZSF	ZZSF Airline Code

Next, assign the ZZSF Object Identifier Type to the ZZSF Business Object Type.

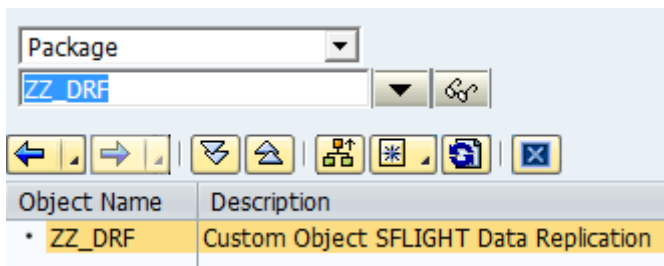
Key Mapping
Overall Information
Customize Business Objects for Key Mapping
Enhance Key Mapping Content
Define Business Objects
Define Object Identifiers

Define Business Objects						
Bus. Obj. Type	Description	Constant Name	Projection	Main OT	Ob. ID Type Key St. Acc.	
ZZSF	SFLIGHT (Flex Option)	ZZSFLIGHT	<input type="checkbox"/>		ZZSF	

### 3.6 Generate Structures

Create a package in SE80.





Generate data model-specific structures for the CARR Entity Type.

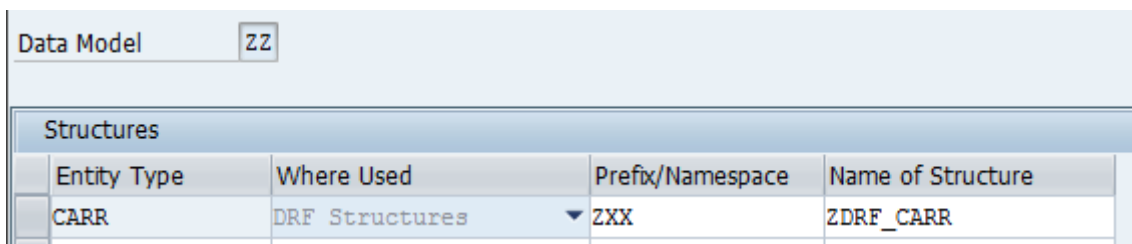
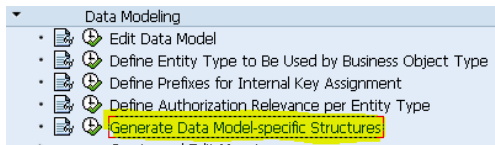


Figure 10 - Elements of the Generate Data Model-specific Structures Customizing activity



Figure 11 - Confirmation message after the activation of data model-specific structure

Do the same for entity type CURR.

Use transaction SE11 to check the structures for the ZXX\_SZZ\_ZDRF\_CARR data type.

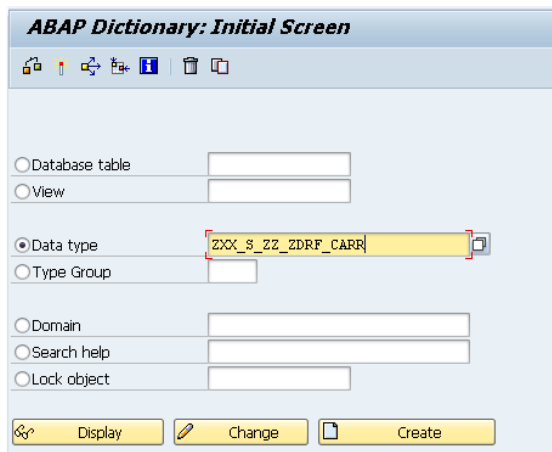


Figure 12 - Searching for data model-specific structure using transaction SE11

Whenever MDG generates these structures, it activates them.

**Dictionary: Display Structure**

Structure: ZXX\_S\_ZZ\_ZDRF\_CARR Active

Short Description: Keys from Main Entity Type - DRF

Attributes Components Entry help/check Currency/quantity fields

Predefined Type 1 / 1

Component	Typing Method	Component Type	Data Type	Length	Deci...	Short Description
CARR	1 Types	S_CARRID	CHAR	3		0 Airline Code

### 3.7 Assign a Key Structure to Object Identifier Types

Start transaction DRFIMG and navigate to *Data Replication > Enhance Default Settings for Outbound Implementations > Define Business Objects and Object Identifiers*. Execute customizing activity *Assign Key Structures to Object Identifiers*.

Assign Key Structures to Object Identifiers					
Object ID Type	Description of Object ID Type	Key Structure	Delimiter	BO Type	Description of Business Object Type
ZZSF	SFLIGHT - Airline Code	<u>ZXX S ZZ ZDRF CARR</u>		ZZSF	SFLIGHT (Flex Option)

### 3.8 Assign a Data Model to a Business Object Type

Start transaction MDGIMG and navigate to *Central Governance > General Settings > Data Modeling*. Start customizing activity *Edit Data Model*.

Dialog Structure

- Inactive Data Models
  - Entity Types
    - Attributes
    - Business Object Type**
    - Entity Types for Hierarchies
      - Hierarchy Attributes
      - Hierarchy Attributes from References
    - Relationships
    - Reuse Active Areas

Data Model: ZZ

Entity Type: CARR

BO Type	Root	Description
ZZSF	<input checked="" type="checkbox"/>	SFLIGHT (Flex Option)
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	

Generate data model ZZ.

### 3.9 Create an Outbound Interface

To prepare for the creation of an outbound interface, run transaction SE80 (Create Package / Function Group). Create the Z\_ZZ\_PACKAGE package.

Package: Z\_ZZ\_PACKAGE

Object Name: CL\_TREE\_MODEL

De...: Tree M

Package Builder: Create Package

Package: Z\_ZZ\_PACKAGE

Short Description: Package for Outbound Implementation for SFLIGHT (ZZ)

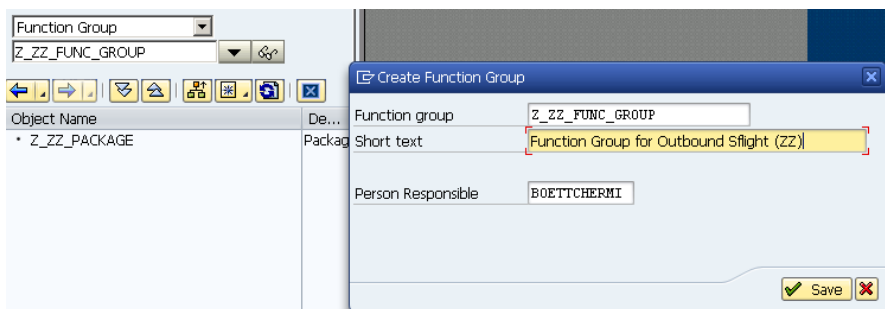
Application Component:

Software Component: HOME

Transport Layer: ZZME

Package Type: Not a Main Package

Create the Z\_ZZ\_FUNC\_GROUP function group in the Z\_ZZ\_PACKAGE package.



Start transaction OIF\_MAINTAIN. Create and define an *Interface Model ID*.

### Create Outbound Interface Model

Interface Model Description	Object Type Code	Object Type Code Description
1 Enter Header Data	2 Select Entity Types and Attributes	3 Review and Submit
4 Check Application Log		

Previous Next Close

Enter header data for the interface model and resulting function module

Interface Model ID: \* ZZ\_SFLIGHT

Interface Model Description: \* SFlight Outbound Model (ZZ)

Object Type Code: \* ZZSF

Package Name: \* Z\_ZZ\_PACKAGE Local Object

Function Group Name: \* Z\_ZZ\_FUNC\_GROUP

Name: \* ZZ\_SFLIGHT

Description: \* Generated RFC for SFlight Outbound Model (ZZ)

Choose the Name ABAP Dictionary Objects pushbutton to define and name structures.

### Create Outbound Interface Model : ZZ\_SFLIGHT

Interface Model Description	Object Type Code	Object Type Code Description
SFlight Outbound Model (ZZ)	ZZSF	SFLIGHT (Flex Option)

1 Enter Header Data 2 Select Entity Types and Attributes 3 Review and Submit 4 Check Application Log

Previous Next Close

Select the entity types and attributes you want to include in interface model. Then enter names for resulting dictionary objects.  
Use the naming function provided to ensure a consistent naming scheme

Select Entities and Attributes

Select All Name ABAP Dictionary Objects

Name	Include in Interface Model	Structure Name	Structure Description	Table Type Name	Table Type Description
ZZ	<input type="checkbox"/>				
▼ CARR - Airline	<input checked="" type="checkbox"/>	ZZSF_S_CARR	Structure for CARR	ZZSF_T_CARR	Table Type for CARR
▼ View Attributes	<input checked="" type="checkbox"/>				
▪ CARR_CURR - Airline local currency	<input checked="" type="checkbox"/>				
▪ TXTMI - Description (medium text)	<input checked="" type="checkbox"/>				
▪ URL - Travel agency URL	<input checked="" type="checkbox"/>				

### Create Outbound Interface Model : ZZ\_SFLIGHT

Interface Model Description SFlight Outbound Model (ZZ)    Object Type Code ZZSF    Object Type Code Description SFlight (ZZ)

1 Enter Header Data    2 Select Entity Types and Attributes    3 Review and Submit    4 Check Application Log

Previous Generate Interface Model Close

Interface model will comprise the data dictionary objects listed below

Entity	Structure Name	Structure Description	Table Type Name	Table Type Description
CARR	ZZSF_S_CARR	Structure for CARR	ZZSF_T_CARR	Table Type for CARR

#### Transport Request Manager

##### Create Workbench Request

☒ Use Existing  
Request: ZMEK940264  
Short Description: NO TRANSPORT - Data Model ZZ

☐ Create New  
Short Description:

##### Create Customizing Request

☐ Use Existing  
Request:   
Short Description:

☒ Create New  
Short Description: NO TRANSPORT - OIF for Data Model ZZ

OK Cancel

The Transport Request Manager that opens when you complete Step 3 in creating an Outbound Interface Model – Review and Submit. You can use the same transport to transfer the function module in the target system later on.

### Create Outbound Interface Model : ZZ\_SFLIGHT

Interface Model Description SFlight Outbound Model (ZZ)    Object Type Code ZZSF    Object Type Code Description SFlight (ZZ)

1 Enter Header Data    2 Select Entity Types and Attributes    3 Review and Submit    4 Check Application Log

Previous Next Close

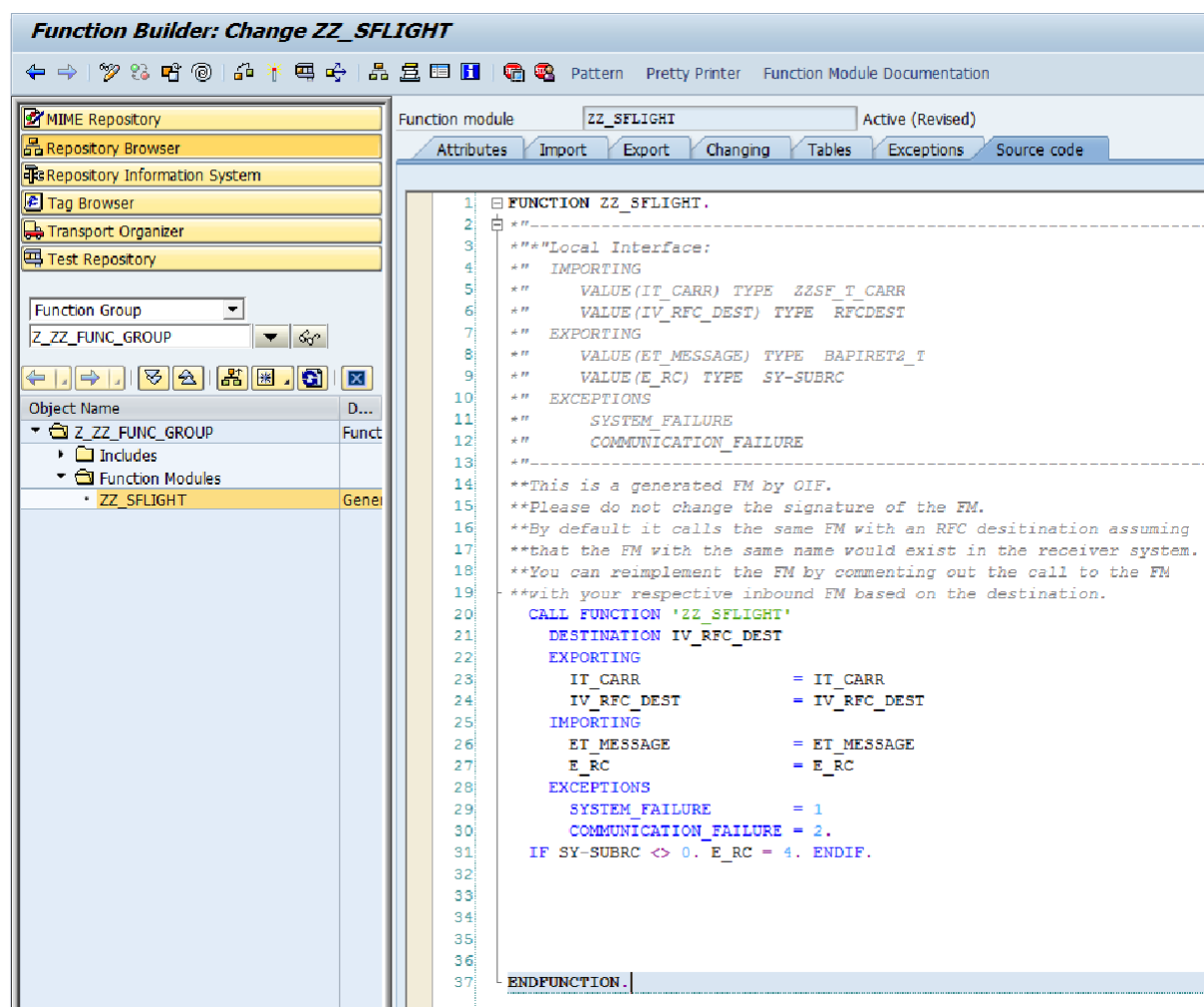
Application Log for OIF

#### Application Log

##### Replication Logs : \*

Propagated Type/Date/Time/User	Count
22.06.2011 17:53:57 BOETTCHERMI	6
ABAP Dictionary structure ZZSF_S_CARR created	1
ABAP Dictionary table type ZZSF_T_CARR created	1
ABAP Dictionary structure ZZSF_S_CARR activated	1
ABAP Dictionary table type ZZSF_T_CARR activated	1
Function module ZZ_SFLIGHT generated	1
Interface model created and generated	1
22.06.2011 17:53:55 BOETTCHERMI	1
Interface model ZZ_SFLIGHT created	1

The Application Log that opens in Step 4 of creating an Outbound Interface Model – Create Application Log. After you define the ZZ\_SFLIGHT Outbound Interface Model, the system generates the ZZ\_SFLIGHT function module (see below). The outbound implementation defined in the DRF calls this function module.



**Change View "Define Outbound Implementation": Overview**

New Entries

Dialog Structure

- Define Outbound Imple
  - Assign Segment Filter
  - Assign Outbound Par
    - Define Values of
    - Assign Entity Type ar

Business Object Type	Filter Object	FilterTime	Outbound Interface Model ID
ZZSF		<input type="checkbox"/>	ZZ_SFLIGHT

### 3.11 Create a Filter Object

Start transaction DRFIMG. Navigate to *Data Replication > Enhance Default Settings for Outbound Implementations*. Execute customizing activity *Define Filter Objects*.

**Change View "Define Filter Objects": Overview**

New Entries

Dialog Structure

- Define Filter Objects
  - Assign Filters
  - Assign Entity Type

Filter Object	Description	Table Name
ZZSF_FR00T	Filter SFlight (ZZ) - Root	

Leave field *Table Name* blank. A complex filter such as the one in the example does not require a table name. The system only requires table names for simple filters. Such filters are only available for standard applications that are built using the reuse option.

If required, you can define your own structure to include all relevant fields from the generated table. In the *Assign Filters* view, apply the following settings.

- For field *Filter* use codes between 80 and 99. This range is assigned to the customer namespace.
- Use the generic Filter Class `CL_MDG_OIF_DRF_FILTER`.

**New Entries: Overview of Added Entries**

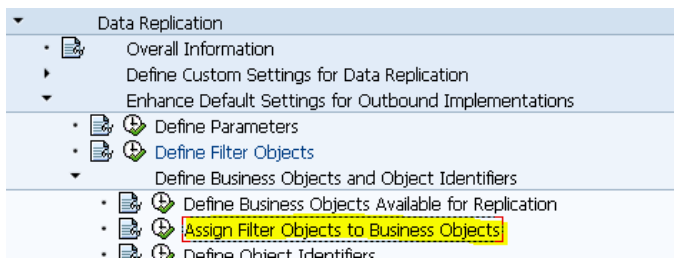
Filter Object: ZZSF\_FR00T Filter SFLIGHT (ZZ) - Root

Filter	Description	Filter Type	General Filter Parameter	Manual Filter Parameter	Filter Class
80	Filter for SFLIGHT	Explicit Com...	ZZX_S_ZZ_ZDRF_CURR		CL_MDG_OIF_DRF_FILTER

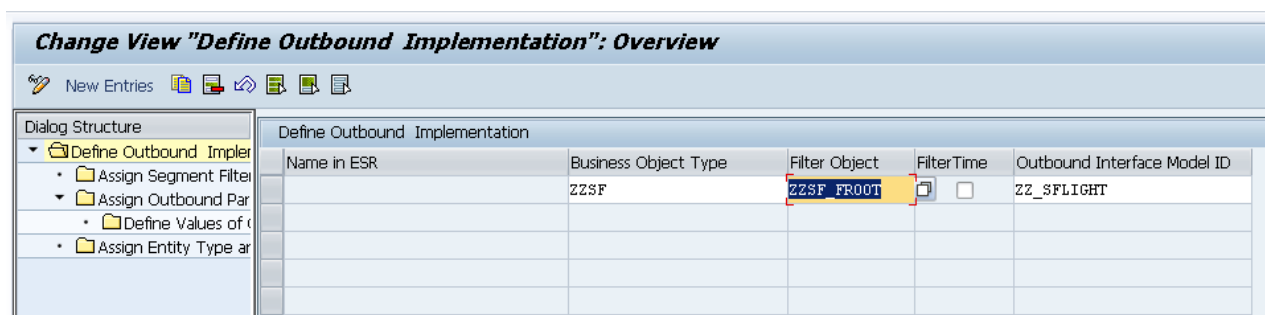
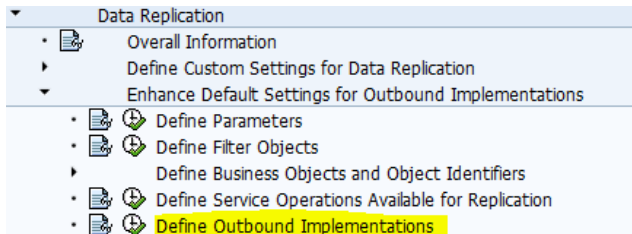
You do not have to assign an Entity Type.

### 3.12 Assign a Filter to a Business Object Type or an Outbound Implementation

You can assign a Filter Object to a Business Object Type.



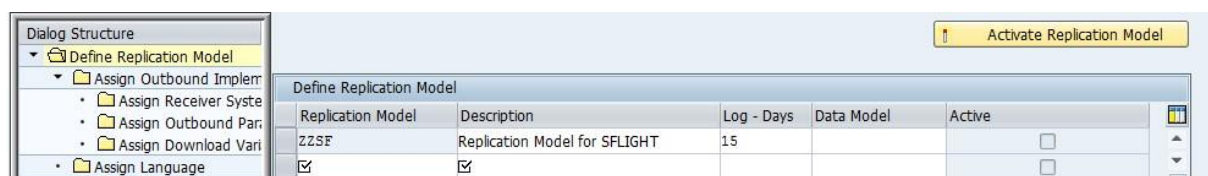
Alternatively, you can assign a Filter Object to an outbound implementation, which is more specific than a Business Object Type.



### 3.13 Create a Replication Model

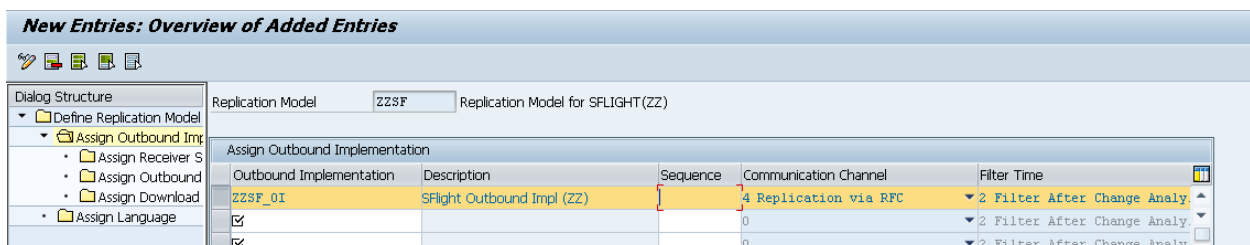
Define the ZZSF Replication Model. This customizing activity is client-specific.

Run transaction DRFIMG and choose **Define Custom Settings for Outbound Implementations > Define Replication Models**.



The *Data Model* field is specific to MDG-Financials. You do not need to specify a data model for custom objects.

Assign the ZZSF\_01 outbound implementation to the ZZSF Replication Model.



Assign the Business System or systems that act as receiver systems for the combination of the Replication Model and the Outbound Implementation.

<b>Dialog Structure</b> <ul style="list-style-type: none"> <li>Define Replication Model <ul style="list-style-type: none"> <li>Assign Outbound Implementation <ul style="list-style-type: none"> <li>Assign Receiver Systems for Repl. Model /Outb.Impl</li> <li>Assign Outbound Parameter</li> <li>Assign Download Variants</li> </ul> </li> <li>Assign Language</li> </ul> </li> </ul>	Replication Model: ZZSF      Replication Model for SFLIGHT Outbound Implementation: ZZSF_OI <hr/> Assign Receiver Systems for Repl. Model /Outb.Impl Business System: QV5_410
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Make sure you activate the Replication Model.

**Activate Replication Model**

Define Replication Model				
Replication Model	Description	Log - Days	Data Model	Active
ZZSF	Replication Model for SFLIGHT	15		<input type="checkbox"/>

### 3.14 Create a Filter

Run transaction DRFF.

**Filter Criteria**

Active Queries

Query by Business Object    [BP - MB \(0\)](#)    [All Business Objects \(23\)](#)  
Query by Replication Model    [RKT Filters \(0\)](#)    [All Applications \(14\)](#)  
Without Category Assignment    [ZZ SFLIGHT \(1\)](#)    [MB \(1\)](#)

ZZ SFLIGHT

View: \* [Standard View]    Display Change Create    Transport    Print Version Export

Business Object	Communication Channel	Filter Criteria
SFLIGHT (Flex Option)	Replication via RFC	△

Define a filter specifying that Airline local currency is EUR.

**Change Filter Criteria**

Replication Model    Replication Model for SFLIGHT
Business Object    SFLIGHT (Flex Option)

Save    Close    Delete All Criteria

Show Predefined Filters (0)

Show Segment Filters (0)

**Filter Criteria to Include Business Objects**  
Airline local currency    is    EUR    + -

**Filter Criteria to Exclude Business Objects**  

▼

▼

▼

+ -

### 3.15 Replicate Data

Execute data replication in transaction DRFOUT. Enter Replication Model ZZSF and execute the program.



### Execute Data Replication

Manual Replication Filter Criteria

Replication Model

Replication Model  Replication Model for SFLIGHT(

Outbound Implementation

Outbound Implementation

Replication Mode

☐ Initialization

☐ Changes

☐ Limit Changes Using Time Interval

Creation Date Lower Limit

Creation Time Lower Limit

Creation Date Upper Limit

Creation Time Upper Limit

☒ Manual

☐ Manual Replication Filter Criteria Available

The system calls the ZZ\_SFLIGHT outbound interface.

### ABAP Debugger(2) (Exclusive)(uxai1qv5\_QV5\_27)

Step Size Watchpoint Layout Configure Debugger Layer

SAPLZ\_ZZ\_FUNC\_GROUP / LZ\_ZZ\_FUNC\_GROUPU01 / 20 SY-SUBRC 0

FUNCTION / ZZ\_SFLIGHT SY-TABIX 1

Desktop 1 Desktop 2 Desktop 3 Standard Structures Tables Objects DetailDisplay Data Explorer Break/Wa

```

11  **      SYSTEM_FAILURE
12  **      COMMUNICATION_FAILURE
13  **-----
14  **This is a generated FM by OIF.
15  **Please do not change the signature of the FM.
16  **By default it calls the same FM with an RFC destination assuming
17  **that the FM with the same name would exist in the receiver system.
18  **You can reimplement the FM by commenting out the call to the FM
19  **with your respective inbound FM based on the destination.
20  CALL FUNCTION 'ZZ_SFLIGHT'
21  DESTINATION IV RFC_DEST
22  EXPORTING
23      IT_CARR           = IT_CARR
24      IV RFC_DEST       = IV RFC_DEST
25  IMPORTING
26      ET_MESSAGE       = ET_MESSAGE
27      E_RC              = E_RC
28  EXCEPTIONS

```

Variables 1 Variables 2 Locals Globals Auto Memory Analysis

S...	Variable	V...	Val.	C...	Hexadecimal Value	Technical Type	Absolute Type
	IT_CARR		[1x4(776)]Standard Table			Standard Table[1x...	TYPE=ZZSF_T_C...

Objects specified as filter criteria are passed to the ZZ\_SFLIGHT function module.

### ABAP Debugger(2) (Exclusive)(uxai1qv5\_QV5\_27)

Step Size Watchpoint Layout Configure Debugger Layer

SAPLZ\_ZZ\_FUNC\_GROUP / LZ\_ZZ\_FUNC\_GROUPU01 / 20 SY-SUBRC 0

FUNCTION / ZZ\_SFLIGHT SY-TABIX 1

Desktop 1 Desktop 2 Desktop 3 Standard Structures Tables Objects DetailDisplay

Tables Table Contents

Table

Attributes Standard [1x4(776)]

Columns ...

Row	CARR [C(120)]	CARR_CURR [C(5)]	TEXT [Internal Table]	URL [C(255)]
1	LH	EUR	Standard Table[1x4(242)]	lufthansa.com

Note, this example ends with the data passed to the function module in the sender system. The next step is to create a function module with the same name (ZZ\_SFLIGHT) in the receiver system. The function module in the sender system (shown above) calls the function module in the receiver system. Additionally, you need to implement settings that allow the posting of the data.

You can consider more sophisticated implementations like using ALE / IDocs or WebServices for the data replication. To do this, start by implementing an RFC-enabled function module in the receiver system. Based on the implementation of the function module, you can generate a BAPI and an IDoc (including functions modules for sending and receiving). The function module of the sender system (shown above) calls the function module you implement in the receiver system. Likewise, you can generate and consume a WebService.

## 4 Additional Information

### 4.1 Further Reading

#### 4.1.1 Information on SAP MDG on SAP S/4HANA

- Exchange knowledge: [SAP Community](#) | [Q&A](#) | [Blog](#)
- Try SAP Master Data Governance on S/4HANA for free: [Trial Version](#)
- Learn more: [Latest Release](#) | [Webinars](#) | [Help Portal](#) | [How-to Information](#) | [Key Presentations](#)

#### 4.1.2 SAP Roadmap Explorer

- Please see the [roadmap for SAP Master Data Governance](#)

#### 4.1.3 Related Information

- Learn more: [Floorplan Manager for Web Dynpro ABAP](#) | [How to Adapt FPM](#) | [FPM Blog](#) | [How-to Information](#) | [Service Mapping Tool](#) | [SAP S/4HANA Cookbook CVI](#)

