

How-To Guide: Extend MDG-uBOM in the U1 Data Model

Applies To

SAP Master Data Governance

Summary

SAP Master Data Governance provides an out-of-the box solution for the central management of various master data objects such as financial objects, supplier and material. In addition, SAP Master Data Governance also provides the flexibility to customize the solution, in cases where the pre-delivered content does not fully match customer requirements.

You can use this guide to extend the MDG-U1 Data Model by a new entity type. The attribute values of the new entity type will be copied to the corresponding ERP tables (reuse option) after activation of the Change Request.

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High Level Requirements

The business requires the new attributes as part of the MDG “Material BOM” (PMBOMHDR). You want to extend the (Type 1) entity type PMBOMHDR to include attributes ZZNAME1, ZZTELNR.

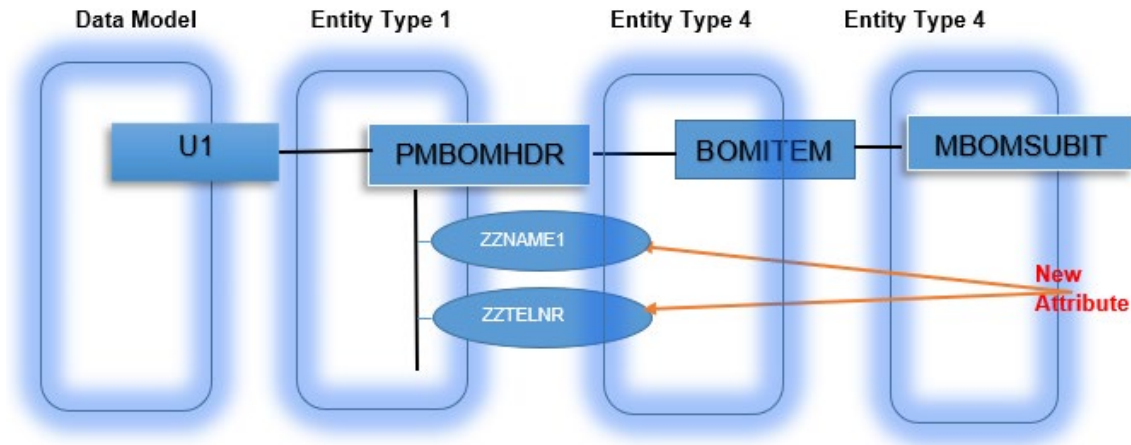


Figure: Data Model – Material Bill of Material (Scope of 2017 Delivery) with custom Entity ‘ZZNAME1’ and ‘ZZTELNR’.

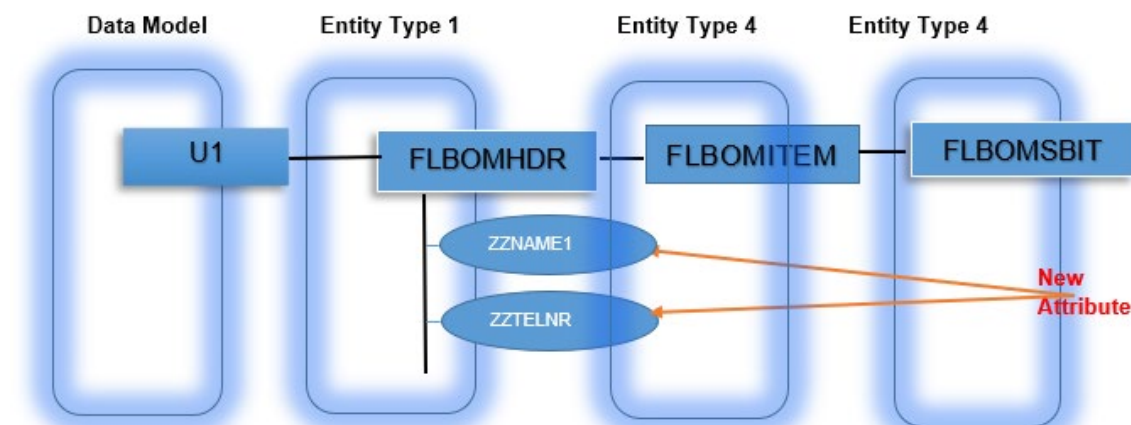


Figure: Data Model – Functional Location Bill of Material with custom Entity ‘ZZNAME1’ and ‘ZZTELNR’.

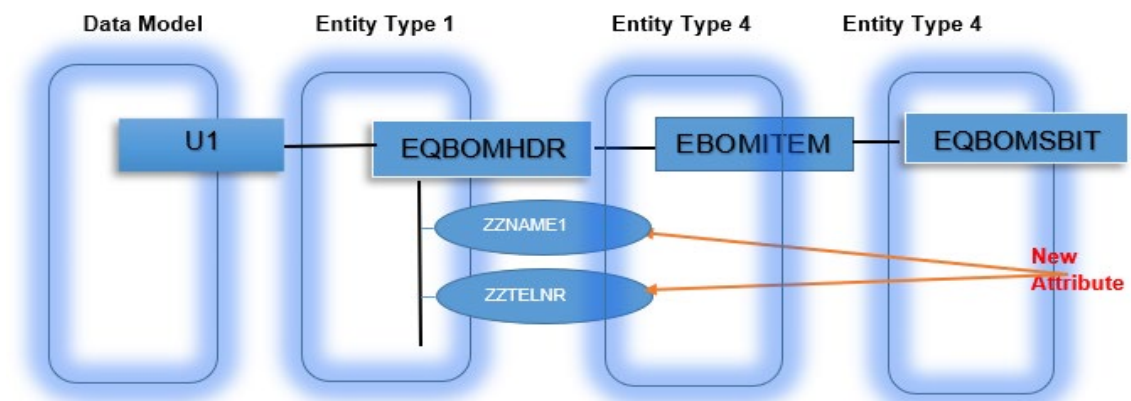


Figure: Data Model – Equipment Bill of Material with custom Entity ‘ZZNAME1’ and ‘ZZTELNR’.

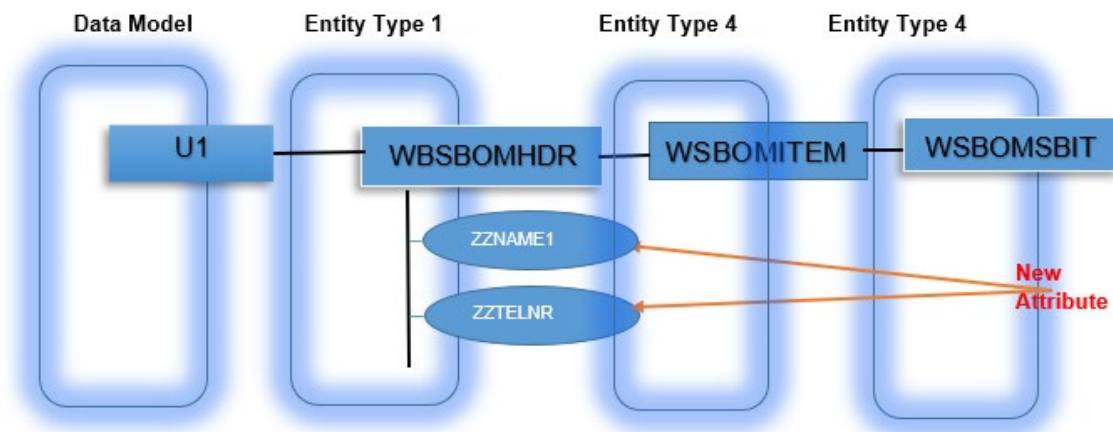


Figure: Data Model – WBS Bill of Material with custom Entity 'ZZNAME1' and 'ZZTELNR'.

Governance Process

The default governance process delivered with MDG is used. No changes to the governance process are necessary as part of this scenario.



Figure: Equipment processing in Master Data Governance

Implementation

Two major building blocks make up the implementation of the entity type extension. In the first phase, you extend the MDG Data Model. In the second phase, you extend the User Interface to include the new entity type. The following flow diagram displays the detailed implementation steps. It is recommended to use it as an orientation.

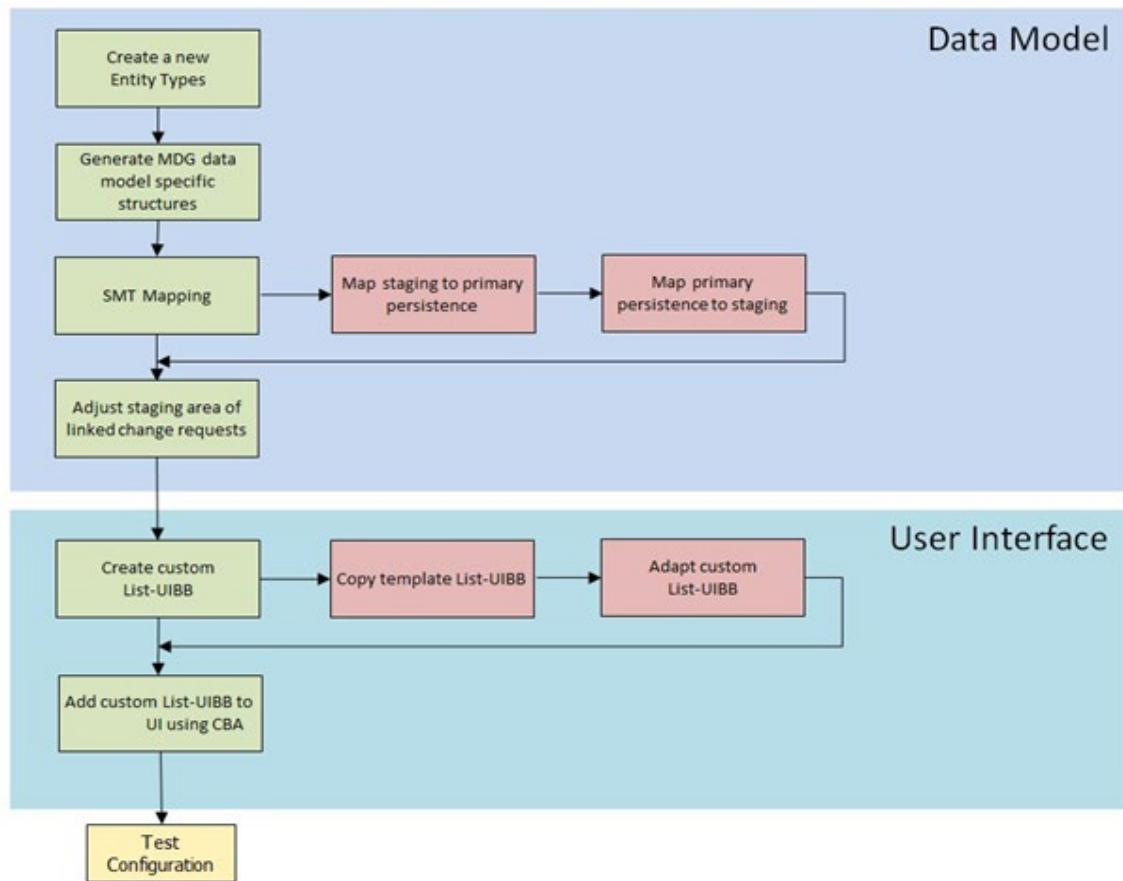


Figure: Implementation steps for re-use Entity-Type extension

Data Model Extension

This section describes about extending the data model for specific objects.

Material BOM

You want to extend the MDG Data Model for Material BOM (U1) by the additional fields to the entity type “Material BOM” (PMBOMHDR). The following additional fields should be modelled as attributes of the entity type PMBOMHDR Entity Type in MDG.

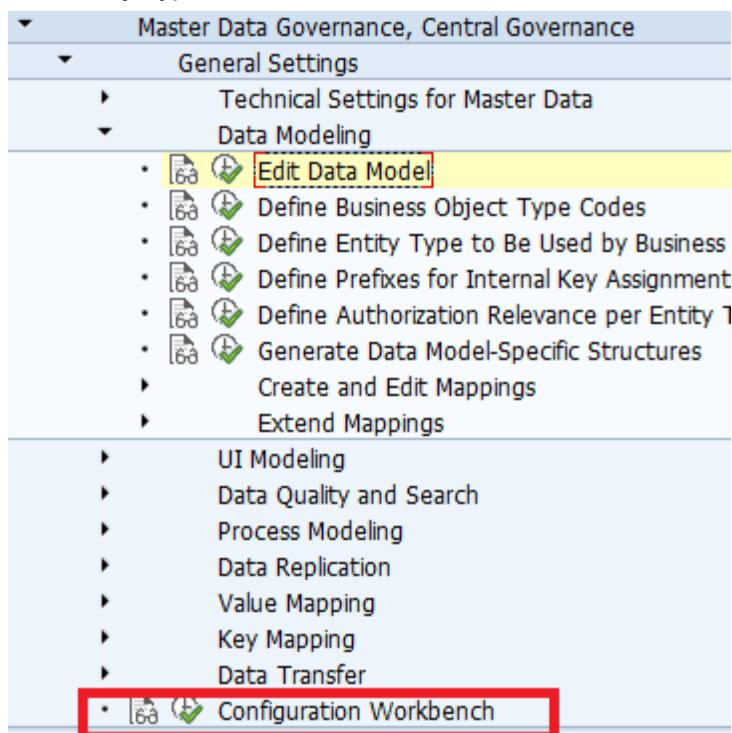
ZZNAME1 TYPE XUNAME1

ZZTELNR TYPE XUTELNR

Add custom Entity Type to existing Data Model U1

Use the following steps to add attributes to existing Entity Type.

1. Log into system for cross client maintenance.
2. Start Customizing for Master Data Governance (transaction MDGIMG). Go to> General Settings > Configuration Workbench> Select Data Model U1 > Select entity type ‘PMBOMHDR’ from Entity Types list > Go to “Attributes” tab > Click the “Edit” button> Click the “New” button.



3. Select the Data Model U1 > Double-Click on Entity Types > Select the entity PMBOMHDR > Double-Click on “Attributes”.

Table View Process Goto Selection Utilities System Help

Change View "Inactive Data Models": Overview

New Entries Visualize Data Model

Dialog Structure

- Inactive Data Models
 - Entity Types
 - Attributes
 - Business Object
 - Entity Types for
 - Hierarchy Att
 - Hierarchy Att
 - Relationships
 - Fields of Foreign
 - Reuse Active Areas
 - Prefix and Packages
 - Data Model-Specific

Inactive Data Models

Data Model	Description (medium text)
0F	Chart of Accounts
U1	Utopia EAM Solution for MDG
U2	Utopia Procurement Solution for MDG

Dialog Structure

- Inactive Data Models
 - Entity Types
 - Attributes
 - Business Object
 - Entity Types for
 - Hierarchy Att
 - Hierarchy Att
 - Relationships
 - Fields of Foreign
 - Reuse Active Areas
 - Prefix and Packages
 - Data Model-Specific

Data Model: U1
Entity Type: PMBOMHDR

Attributes

Attribute	Key Field	Data Element
ALEIND	<input type="checkbox"/>	CS_ALEKZ
AUTHGROUP	<input type="checkbox"/>	STLBE
BASEQTY	<input type="checkbox"/>	BASMN
BASEUOM	<input type="checkbox"/>	BASME
BOMSTATUS	<input type="checkbox"/>	STLST
CADIND	<input type="checkbox"/>	CADKZ
DEFLG	<input type="checkbox"/>	LOKNZ
DELIND	<input type="checkbox"/>	LKENZ
DVALIDFRM	<input type="checkbox"/>	DATUV
LABOFC	<input type="checkbox"/>	LABOR
LNGTXT	<input type="checkbox"/>	/UGI/U1_BOM_LTEXT
SIZDIM	<input type="checkbox"/>	GROES
SIKTX	<input type="checkbox"/>	SIKTX

It is recommended you only assign a Search Help to a Data Element in exceptional circumstances. If you do this, the input help executes the search help instead of reading the data in the check table or the fixed values of data element's domain.

Table View Edit Goto Selection Utilities System Help

New Entries: Overview of Added Entries

Dialog Structure

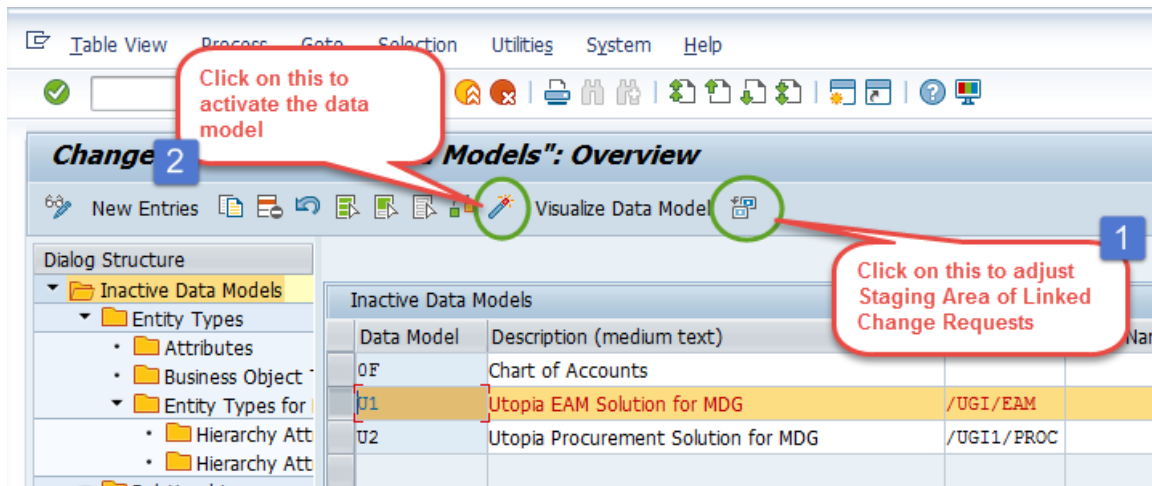
- Inactive Data Models
 - Entity Types
 - Attributes
 - Business Object
 - Entity Types for
 - Hierarchy Att
 - Hierarchy Att
 - Relationships
 - Fields of Foreign
 - Reuse Active Areas
 - Prefix and Packages
 - Data Model-Specific

Data Model: U1
Entity Type: PMBOMHDR

Attributes

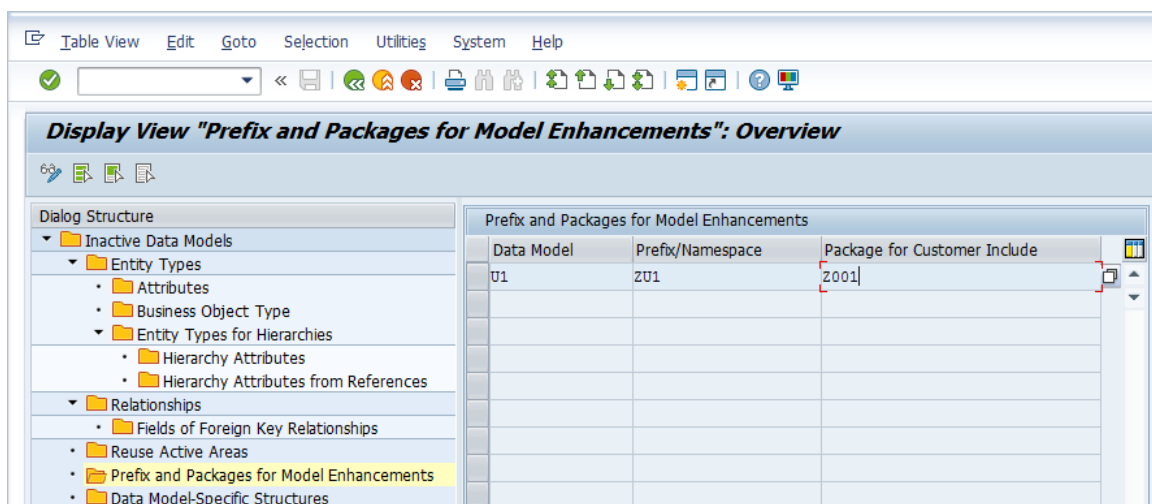
Attribute	Key Field	Data Element
ZZTELNR	<input type="checkbox"/>	XUTELNR
ZZNAME1	<input type="checkbox"/>	XUNAME1

4. Adjust Staging Area of Change Requests and Activate the Data Model.



Generate MDG Data Model-Specific Structures

In general, if you change a Data Model (for example, if you change attributes of entity types or relationships) you need to regenerate the structures. You can assign a prefix and a package directly in the Data Model. Then the structures will be generated automatically with activation of the Data Model.



Older releases: Since the MDG Data Model was changed you need to regenerate the tables. In this Customizing activity, for each Data Model and entity type you generate technical structures and tables in the ABAP Dictionary.

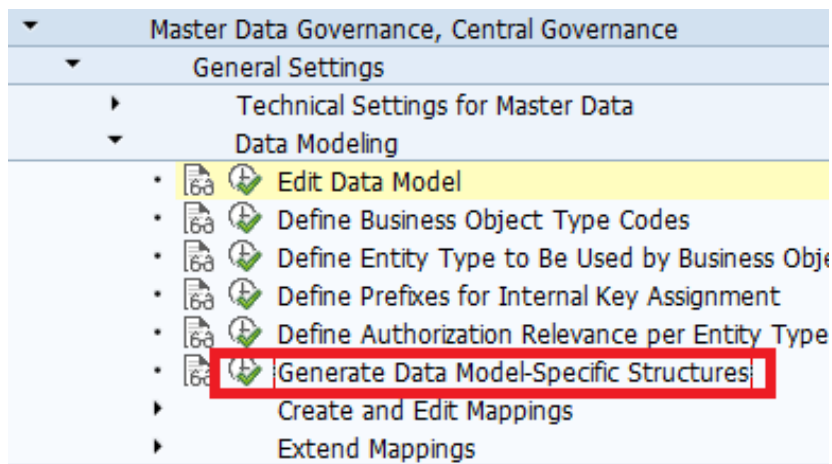
The system uses these structures internally for implementing the Staging Area.

Note

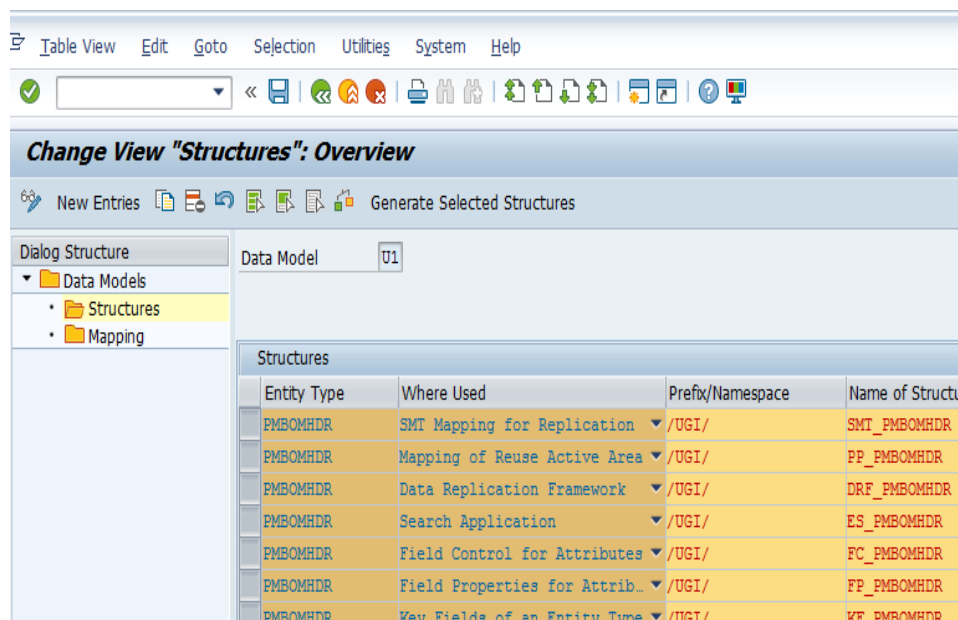
In general, if you change a Data Model (for example, if you change attributes of entity types or relationships); you need to regenerate the structures.

To generate the Data Model-Specific structures use the following steps.

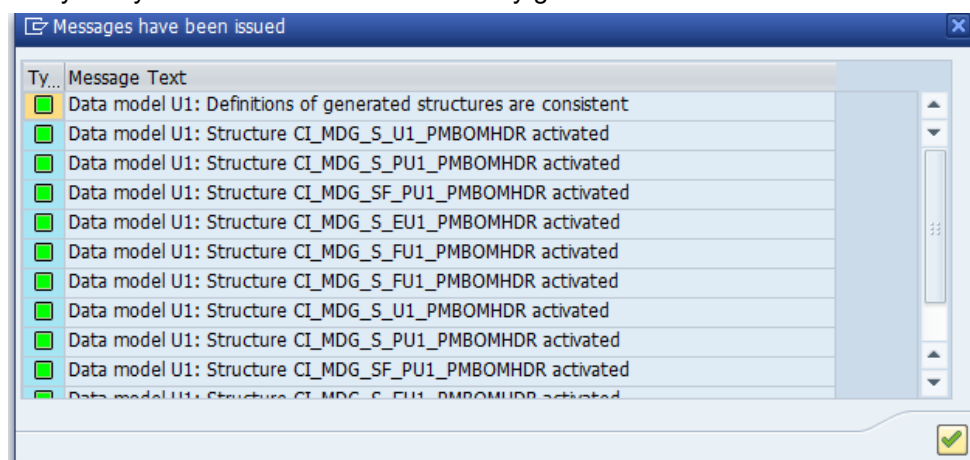
1. Start Customizing for Master Data Governance (transaction MDGIMG).
Go to > General Settings > Data Modeling > Generate Data Model-Specific Structures.



2. Select the row with Data Model U1 > Double-Click Structures in the left-hand panel > Choose the “Generate Selected Structures” button.

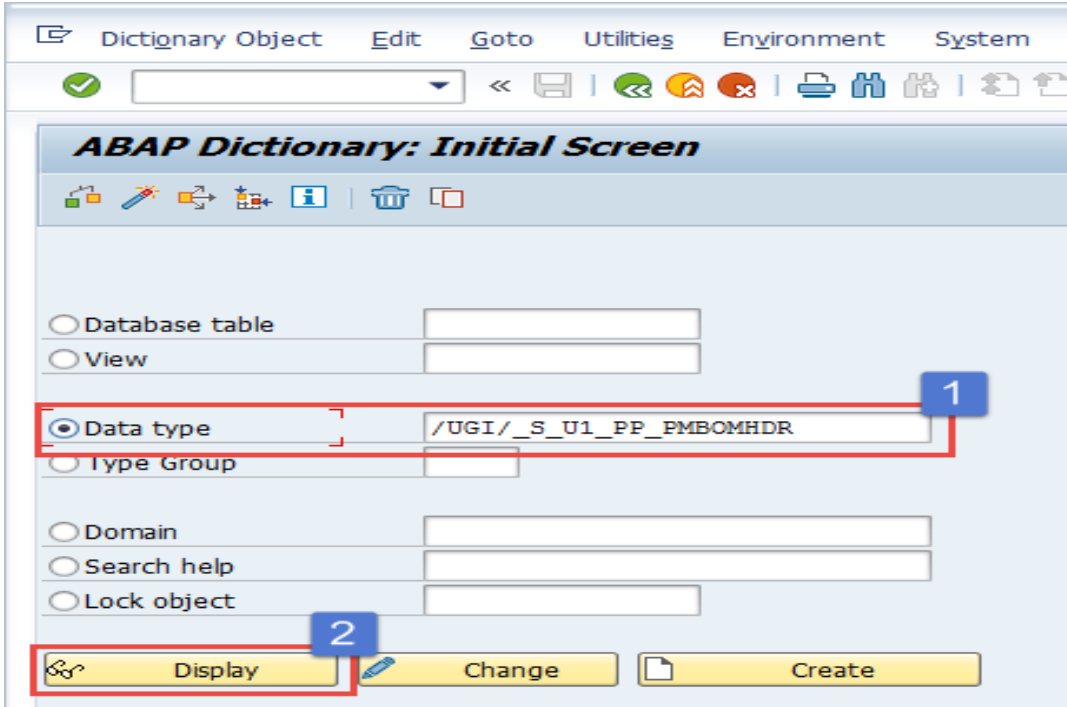


3. Verify that your structures were successfully generated.



4. In the following steps, you verify that one of the Active Area mapping structures was successfully generated with new fields.

Start t-code SE11 > Display structure /UGI/_S_U1_PP_PMBOMHDR.

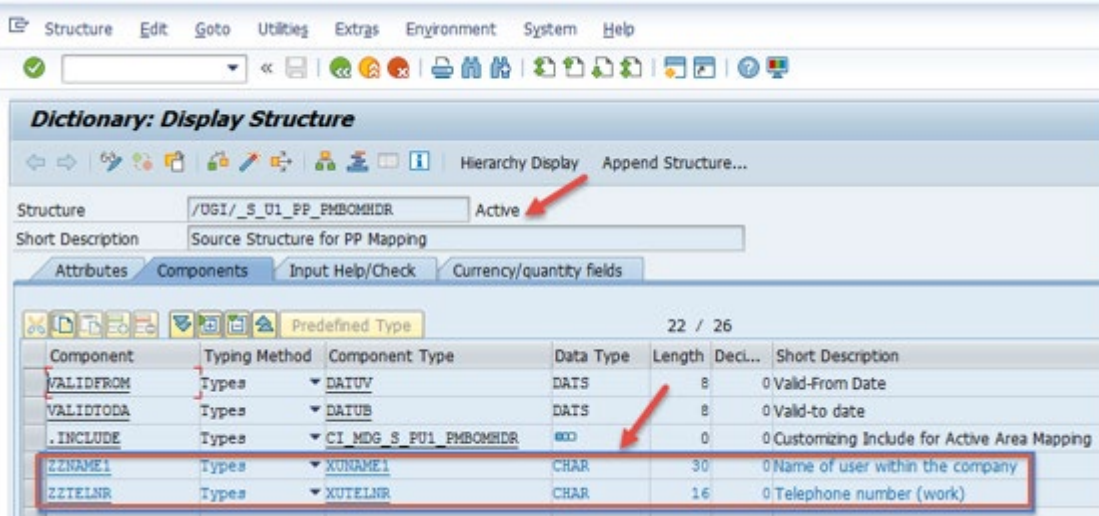


ABAP Dictionary: Initial Screen

☐ Database table
☐ View
☒ **Data type** /UGI/_S_U1_PP_PMBOMHDR 1
☐ Type Group
☐ Domain
☐ Search help
☐ Lock object

Display 2
Change
Create

You have now verified that the structure /UGI/_S_U1_PP_PMBOMHDR has been generated.



Dictionary: Display Structure

Structure: /UGI/_S_U1_PP_PMBOMHDR Active →

Short Description: Source Structure for PP Mapping

Attributes Components Input Help/Check Currency/quantity fields

Component	Typing Method	Component Type	Data Type	Length	Decl...	Short Description
VALIDFROM	Types	DAIUV	DATS	8		0 Valid-From Date
VALIDTODA	Types	DAIUB	DATS	8		0 Valid-to date
.INCLUDE	Types	CI_MDG_S_PU1_PMBOMHDR	...	0		0 Customizing Include for Active Area Mapping
ZZNAME1	Types	XUNAME1	CHAR	30		0 Name of user within the company
ZZTELNR	Types	XUTELNR	CHAR	16		0 Telephone number (work)

Enhance Active Area Structures/Tables

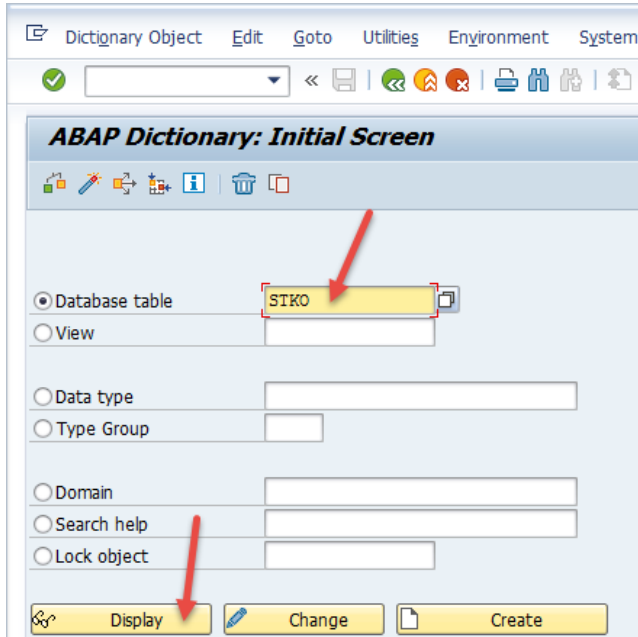
Enhance table STKO

Enhance database table STKO by appending a structure with the following fields.

ZZNAME1 TYPE XUNAME1

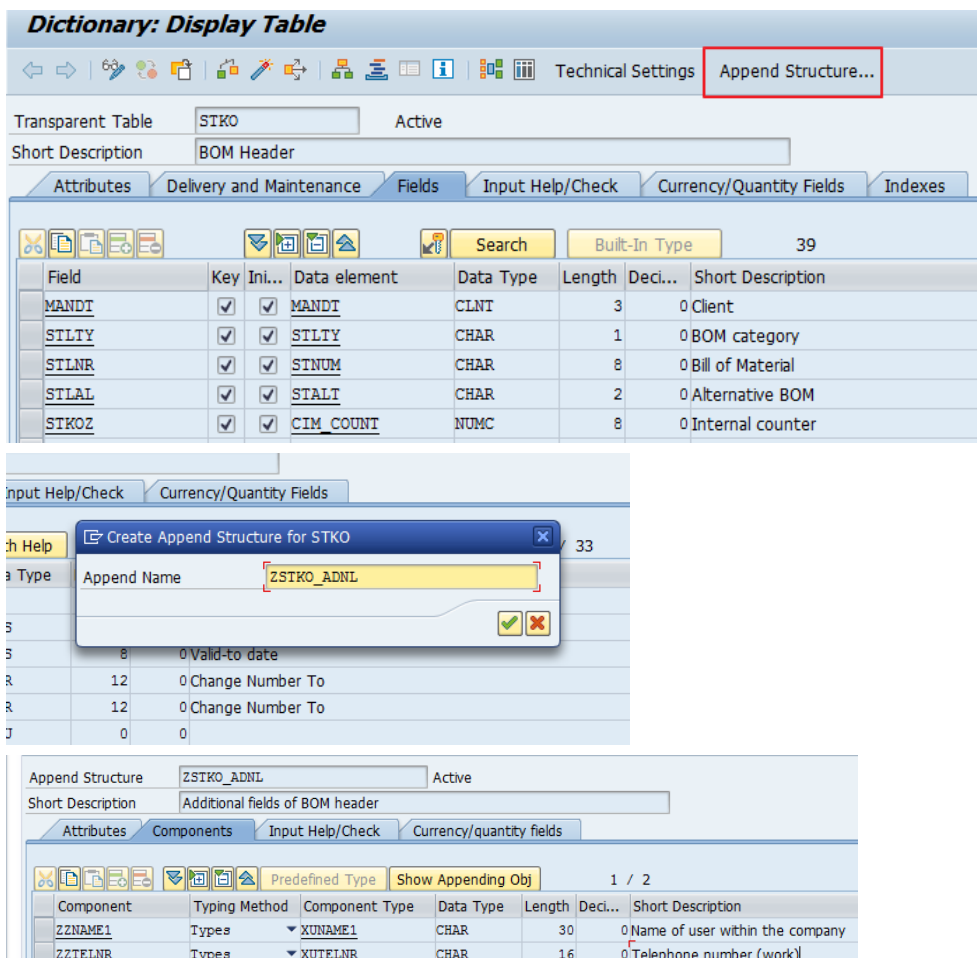
ZZTELNR TYPE XUTELNR

1. Go to t-code SE11> Open the database table STKO as displayed.



The screenshot shows the 'ABAP Dictionary: Initial Screen' in SAP. The 'Database table' radio button is selected, and the text 'STKO' is entered in the adjacent field. A red arrow points to this field. Below, the 'Display' button is highlighted with another red arrow. Other options like 'View', 'Data type', 'Type Group', 'Domain', 'Search help', and 'Lock object' are visible but not selected.

2. Click on "Append Structure" button to append the required fields into STKO table.
3. Enter a name to Append Structure.
4. Add the required fields to the structure.
5. Save and Activate the structure.

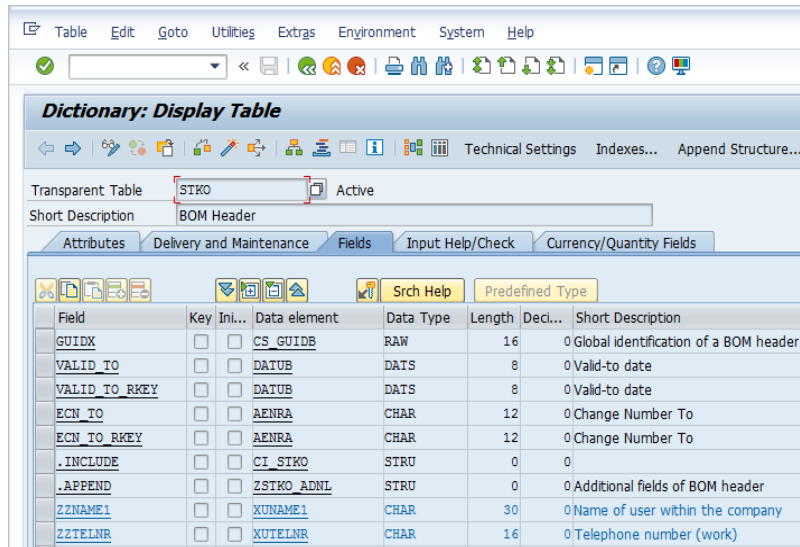


The screenshot shows the 'Dictionary: Display Table' screen for table STKO. The 'Append Structure...' button is highlighted with a red box. Below, the 'Fields' tab is active, showing a list of fields with their data types and lengths. A dialog box titled 'Create Append Structure for STKO' is open, with 'Append Name' set to 'ZSTKO_ADNL'. Below the dialog, the 'Append Structure' screen shows the new structure 'ZSTKO_ADNL' with a short description 'Additional fields of BOM header'. The 'Components' tab is active, showing a list of components with their data types and lengths.

Field	Key	Ini...	Data element	Data Type	Length	Deci...	Short Description
MANDT	✓	✓	MANDT	CLNT	3	0	Client
STLTY	✓	✓	STLTY	CHAR	1	0	BOM category
STLNR	✓	✓	STNUM	CHAR	8	0	Bill of Material
STLAL	✓	✓	STALT	CHAR	2	0	Alternative BOM
STKOZ	✓	✓	CIM_COUNT	NUMC	8	0	Internal counter

Component	Typing Method	Component Type	Data Type	Length	Deci...	Short Description
ZZNAME1	Types	XUNAME1	CHAR	30	0	Name of user within the company
ZZTELNR	Types	XUTELNR	CHAR	16	0	Telephone number (work)

Fields are appended successfully into the STKO table.



The screenshot shows the 'Dictionary: Display Table' window for the STKO table. The 'Fields' tab is selected, displaying a list of fields with their attributes.

Field	Key	Ini...	Data element	Data Type	Length	Deci...	Short Description
GUIDX	<input type="checkbox"/>	<input type="checkbox"/>	CS_GUIDB	RAW	16		0 Global identification of a BOM header
VALID_TO	<input type="checkbox"/>	<input type="checkbox"/>	DATUB	DATS	8		0 Valid-to date
VALID_TO_RKEY	<input type="checkbox"/>	<input type="checkbox"/>	DATUB	DATS	8		0 Valid-to date
ECN_TO	<input type="checkbox"/>	<input type="checkbox"/>	AENRA	CHAR	12		0 Change Number To
ECN_TO_RKEY	<input type="checkbox"/>	<input type="checkbox"/>	AENRA	CHAR	12		0 Change Number To
.INCLUDE	<input type="checkbox"/>	<input type="checkbox"/>	CI_STKO	STRU	0		0
.APPEND	<input type="checkbox"/>	<input type="checkbox"/>	ZSTKO_ADNL	STRU	0		0 Additional fields of BOM header
ZZNAME1	<input type="checkbox"/>	<input type="checkbox"/>	XUNAME1	CHAR	30		0 Name of user within the company
ZZTELNR	<input type="checkbox"/>	<input type="checkbox"/>	XUTELNR	CHAR	16		0 Telephone number (work)

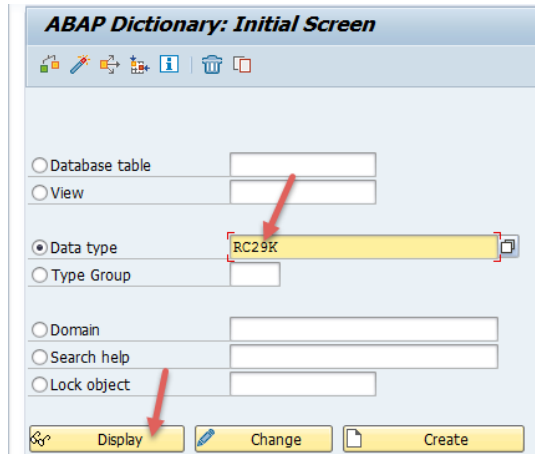
Enhance structure RC29K

Enhance database table RC29K by appending a structure with the following fields.

ZZNAME1 TYPE XUNAME1

ZZTELNR TYPE XUTELNR

1. Go to t-code SE11 > Open the database table RC29K as displayed.



The screenshot shows the 'ABAP Dictionary: Initial Screen' for the RC29K table. The 'Data type' radio button is selected, and 'RC29K' is entered in the adjacent field. The 'Display' button is highlighted with a red arrow.

2. Click on "Append Structure" button to append the required fields into RC29K table.
3. Enter a name to Append Structure.
4. Add the required fields to the structure.
5. Save and Activate the structure.

Dictionary: Display Structure

Structure: RC29K Active
Short Description: EATAB BOM Headers

Attributes Components Input Help/Check Currency/quantity fields

Component Typing Method Component Type Data Type Length Deci...

Append Structure...

Create Append Structure for RC29K
Append Name: ZSTKO_ADNL_Flds

Dictionary: Display Append Structure

Append Structure: ZSTKO_ADNL_Flds Active
Short Description: MRO BOM-Additional fields for extensionability

Attributes Components Input Help/Check Currency/quantity fields

Predefined Type Show Appending Obj 1 / 2

Component	Typing Method	Component Type	Data Type	Length	Deci...	Short Description
ZZNAME1	Types	XUNAME1	CHAR	30		0 Name of user within the company
ZZTELNR	Types	XUTELNR	CHAR	16		0 Telephone number (work)

Fields are appended successfully into the RC29K table.

Dictionary: Display Structure

Structure: RC29K Active
Short Description: EATAB BOM Headers

Attributes Components Input Help/Check Currency/quantity fields

Predefined Type 77 / 81

Component	Typing Method	Component Type	Data Type	Length	Deci...	Short Description
ASSN_INDEX	Types		NUMC	10	0	
TOT_ASSGN	Types		NUMC	10	0	
..APPEND	Types	ZSTKO_ADNL_Flds		0		0 MRO BOM-Additional fields for extensionability
ZZNAME1	Types	XUNAME1	CHAR	30		0 Name of user within the company
ZZTELNR	Types	XUTELNR	CHAR	16		0 Telephone number (work)

Functional Location BOM

You want to extend the MDG Data Model for Functional Location BOM (U1) by the additional fields to the entity type "Functional Location BOM" (FLBOMHDR). The following additional fields should be modelled as attributes of the entity type FLBOMHDR Entity Type in MDG.

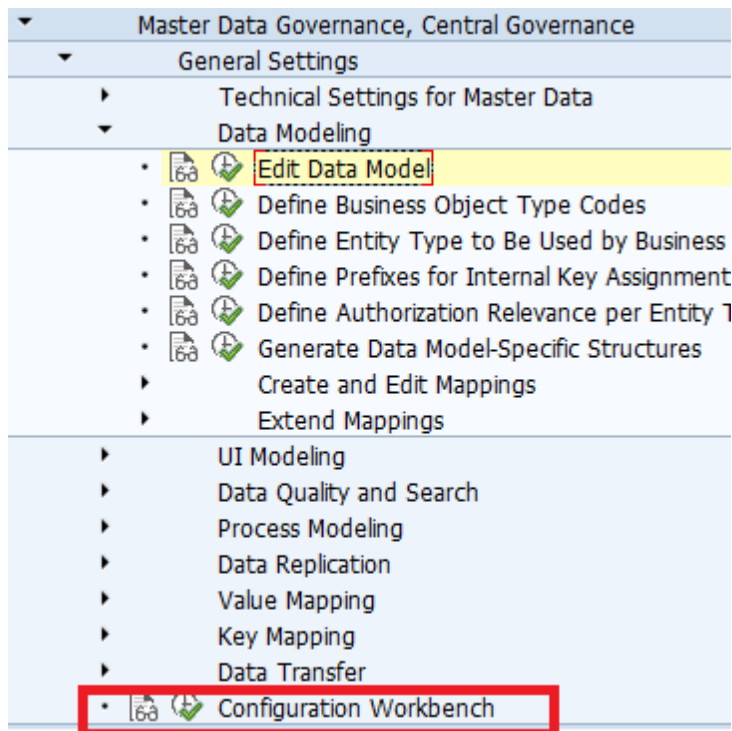
ZZNAME1 TYPE XUNAME1

ZZTELNR TYPE XUTELNR

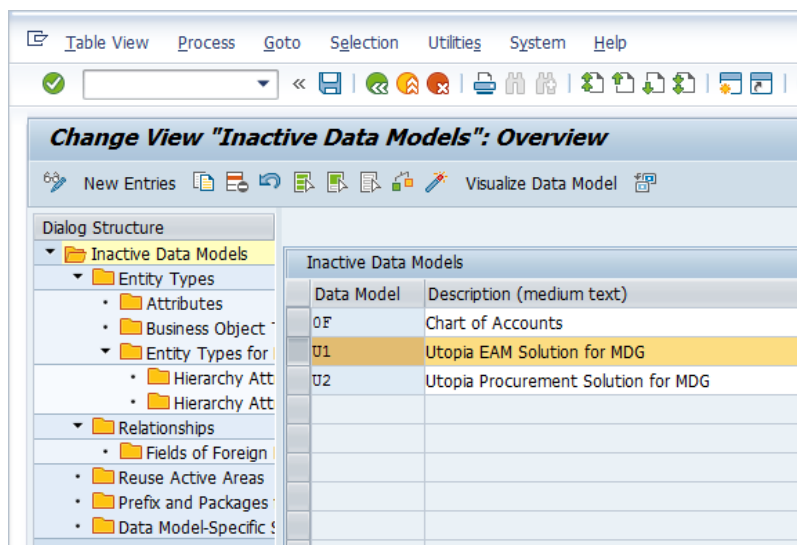
Add custom Entity Type to existing Data Model U1

Use the following steps to add attributes to existing Entity Type.

1. Log into system for cross client maintenance.
2. Start Customizing for Master Data Governance (transaction MDGIMG). Go to> General Settings > Configuration Workbench > Select Data Model U1 > Select entity type 'FLBOMHDR' from Entity Types list > Go to Attributes tab > Click the "Edit" button > Click the "New" button.



3. Select the Data Model U1 > Double-Click on Entity Types > Select the entity FLBOMHDR > Double-Click on Attributes.



New Entries

Dialog Structure

- Inactive Data Models
 - Entity Types
 - Attributes
 - Business Object
 - Entity Types for
 - Hierarchy Att
 - Hierarchy Att
 - Relationships
 - Fields of Foreign
 - Reuse Active Areas
 - Prefix and Packages
 - Data Model-Specific

Data Model: U1

Entity Type: FLBOMHDR

Attribute	Key Field	Data Element	Req. Entry ...	Curr./UoM...	Search Help	No Existen...	Description
ALEIND	<input type="checkbox"/>	CS_ALEKZ	<input type="checkbox"/>			<input type="checkbox"/>	ALE Indicator
AUTHGROUP	<input type="checkbox"/>	STLBE	<input type="checkbox"/>			<input type="checkbox"/>	Authorization Group
BASEQTY	<input type="checkbox"/>	BASMN	<input type="checkbox"/>	BASEUOM		<input type="checkbox"/>	Base Quantity
BASEUOM	<input type="checkbox"/>	BASME	<input type="checkbox"/>		H_T006	<input type="checkbox"/>	Base Unit Of Measure
BOMSTATUS	<input type="checkbox"/>	STLST	<input type="checkbox"/>		H_T415S	<input type="checkbox"/>	BOM Status
CADIND	<input type="checkbox"/>	CADKZ	<input type="checkbox"/>			<input type="checkbox"/>	CAD Indicator
DELFLG	<input type="checkbox"/>	LOKNZ	<input type="checkbox"/>			<input type="checkbox"/>	Deletion Flag
DELIND	<input type="checkbox"/>	LKENZ	<input type="checkbox"/>			<input type="checkbox"/>	Deletion Indicator
DVALIDFRM	<input type="checkbox"/>	DATUV	<input type="checkbox"/>			<input type="checkbox"/>	Date Valid From
LABOFC	<input type="checkbox"/>	LABOR	<input type="checkbox"/>		H_T024L	<input type="checkbox"/>	Lab Office
LANGTXT	<input type="checkbox"/>	/UGI/U1_BOM_LTEXT	<input type="checkbox"/>			<input type="checkbox"/>	BOM Long Text

It is recommended you only assign a Search Help to a Data Element in exceptional circumstances. If you do this, the input help executes the search help instead of reading the data in the check table or the fixed values of data element's domain.

New Entries: Overview of Added Entries

Dialog Structure

- Inactive Data Models
 - Entity Types
 - Attributes
 - Business Object
 - Entity Types for
 - Hierarchy Att
 - Hierarchy Att
 - Relationships
 - Fields of Foreign
 - Reuse Active Areas

Data Model: U1

Entity Type: FLBOMHDR

Attribute	Key Field	Data Element	Req. Entry ...	Curr./UoM...	Search Help	No Existen...	Description
22TELN	<input type="checkbox"/>	XUTELNR	<input type="checkbox"/>			<input type="checkbox"/>	
22NAME1	<input type="checkbox"/>	XUNAME1	<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>	
	<input type="checkbox"/>		<input type="checkbox"/>			<input type="checkbox"/>	

4. Adjust Staging Area of Change Requests and Activate the Data Model.

Table View Process Gate Selection Utilities System Help

Change Models: Overview

New Entries Visualize Data Model

Dialog Structure

- Inactive Data Models
 - Entity Types
 - Attributes
 - Business Object
 - Entity Types for
 - Hierarchy Att
 - Hierarchy Att

Inactive Data Models

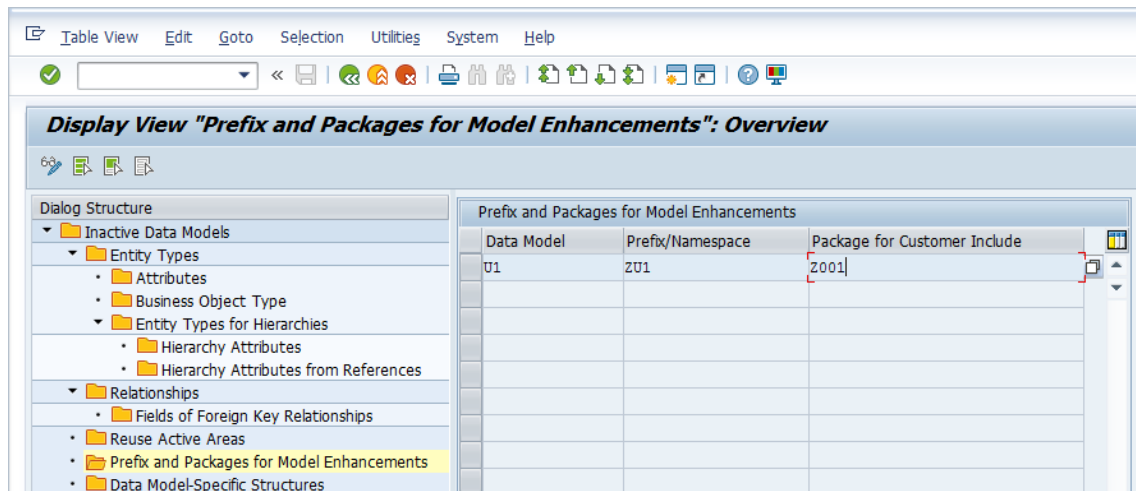
Data Model	Description (medium text)		
0F	Chart of Accounts		
U1	Utopia EAM Solution for MDG	/UGI/EAM	
U2	Utopia Procurement Solution for MDG	/UGI1/PROC	

Click on this to activate the data model

Click on this to adjust Staging Area of Linked Change Requests

Generate MDG Data Model-Specific Structures

In general, if you change a Data Model (for example, if you change attributes of entity types or relationships) you need to regenerate the structures. You can assign a prefix and a package directly in the Data Model. Then the structures will be generated automatically with activation of the Data Model.



Older releases: Since the MDG Data Model was changed you need to regenerate the tables. In this Customizing activity, for each Data Model and entity type you generate technical structures and tables in the ABAP Dictionary.

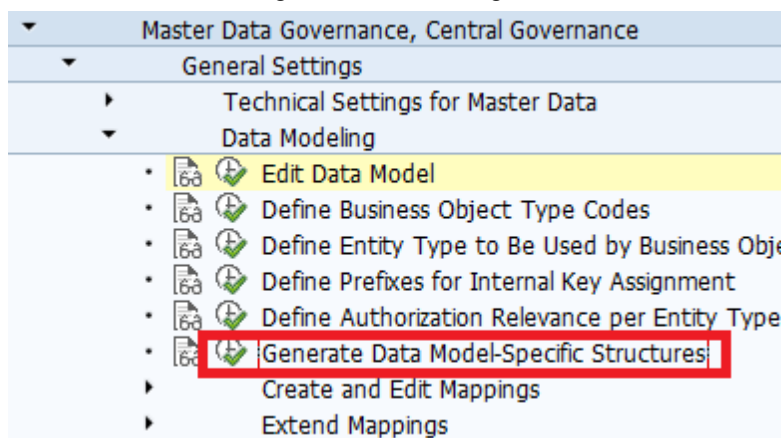
The system uses these structures internally for implementing the Staging Area.

Note

In general, if you change a Data Model (for example, if you change attributes of entity types or relationships); you need to regenerate the structures.






To generate the Data Model-Specific structures use the following steps.

1. Start Customizing for Master Data Governance (transaction MDGIMG).
Go to > General Settings > Data Modeling > Generate Data Model-specific Structures.



2. Select the row with Data Model U1 > Double-Click Structures in the left-hand panel > Choose the "Generate Selected Structures" button.

Change View "Structures": Overview

New Entries      Generate Selected Structures

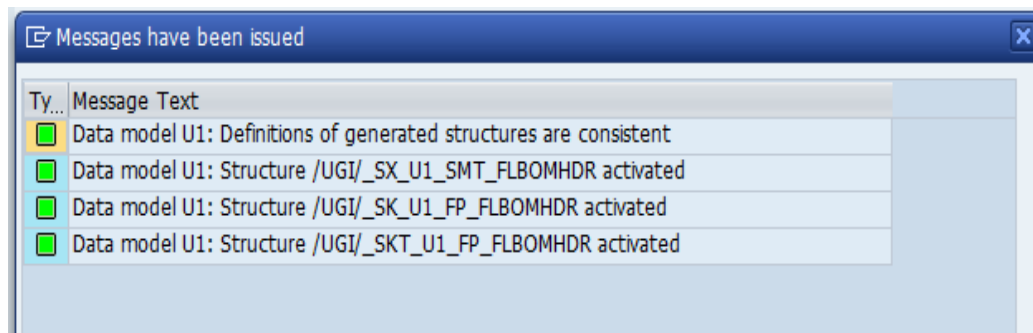
Dialog Structure

- Data Models
 - Structures
 - Mapping

Data Model

Entity Type	Where Used	Prefix/Namespace	Name of Structure	Package
FLBOMHDR	2 SMT Mapping for Replicati...	/UGI/	SMT_FLBOMHDR	/UGI/MDG_EAM_BOM
FLBOMHDR	3 Mapping of Reuse Active A...	/UGI/	PP_FLBOMHDR	/UGI/MDG_EAM_BOM
FLBOMHDR	4 Data Replication Framework	/UGI/	DRF_FLBOMHDR	/UGI/MDG_EAM_BOM
FLBOMHDR	5 Search Application	/UGI/	ES_FLBOMHDR	/UGI/MDG_EAM_BOM
FLBOMHDR	6 Field Control for Attribu...	/UGI/	FC_FLBOMHDR	/UGI/MDG_EAM_BOM
FLBOMHDR	7 Field Properties for Attr...	/UGI/	FP_FLBOMHDR	/UGI/MDG_EAM_BOM
FLBOMHDR	8 Key Fields of an Entity T...	/UGI/	KF_FLBOMHDR	/UGI/MDG_EAM_BOM








3. Verify that your structures were successfully generated.



4. In the following steps, you verify that one of the Active Area mapping structures was successfully generated with new fields.

Start t-code SE11 > Display structure /UGI/_S_U1_PP_FLBOMHDR.

ABAP Dictionary: Initial Screen

☐ Database table

☐ View




☒ Data type

☐ Type Group

☐ Domain

☐ Search help

☐ Lock object

 Display  Change  Create

You have now verified that the structure /UGI/_S_U1_PP_FLBOMHDR has been generated.

Structure

/UGI/_S_U1_PP_FLBOMHDR

Short Description



















Source Structure for PP Mapping

Attributes

Components

Input Help/Check

Cur



Built-In Type

Component	Typing Method	Component Type
<u>VALIDTODA</u>	1 Types	<u>DATUB</u>
<u>.INCLUDE</u>	1 Types	<u>CI MDG S PU1 FL...</u>
<u>ZZNAME1</u>	1 Types	<u>XUNAME1</u>
<u>ZZTELNR</u>	1 Types	<u>XUTELNR</u>

Enhance Active Area Structures/Tables

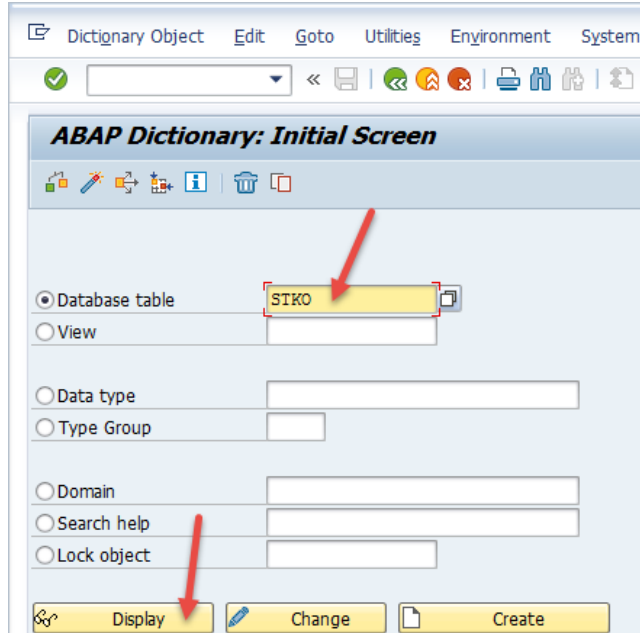
Enhance table STKO

Enhance database table STKO by appending a structure with the following fields.

ZZNAME1 TYPE XUNAME1

ZZTELNR TYPE XUTELNR

1. Go to t-code SE11 > Open the database table STKO as displayed.



Dictionary Object Edit Goto Utilities Environment System

ABAP Dictionary: Initial Screen

☒ Database table STKO

☐ View

☐ Data type

☐ Type Group

☐ Domain

☐ Search help

☐ Lock object

2. Click on "Append Structure" button to append the required fields into STKO table.
3. Enter a name to Append Structure.
4. Add the required fields to the structure.
5. Save and Activate the structure.

Dictionary: Display Table

Transparent Table: **STKO** Active

Short Description: **BOM Header**

Attributes | Delivery and Maintenance | **Fields** | Input Help/Check | Currency/Quantity Fields | Indexes

Search Built-In Type 39

Field	Key	Ini...	Data element	Data Type	Length	Deci...	Short Description
MANDT	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	MANDT	CLNT	3	0	Client
STLTY	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	STLTY	CHAR	1	0	BOM category
SILNR	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	SILNR	CHAR	8	0	Bill of Material
STLAL	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	STLAL	CHAR	2	0	Alternative BOM
STKOZ	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	CIM_COUNT	NUMC	8	0	Internal counter

Input Help/Check | **Currency/Quantity Fields**

Create Append Structure for STKO

Append Name: **ZSTKO_ADNL**

Append Structure: **ZSTKO_ADNL** Active

Short Description: **Additional fields of BOM header**

Attributes | **Components** | Input Help/Check | Currency/quantity fields

Predefined Type Show Appending Obj 1 / 2

Component	Typing Method	Component Type	Data Type	Length	Deci...	Short Description
ZZNAME1	Types	XUNAME1	CHAR	30	0	Name of user within the company
ZZTELNR	Types	XUTELNR	CHAR	16	0	Telephone number (work)

Fields are appended successfully into the STKO table.

Table Edit Goto Utilities Extras Environment System Help

Dictionary: Display Table

Transparent Table: **STKO** Active

Short Description: **BOM Header**

Attributes | Delivery and Maintenance | **Fields** | Input Help/Check | Currency/Quantity Fields

Srch Help Predefined Type

Field	Key	Ini...	Data element	Data Type	Length	Deci...	Short Description
GUIDX	<input type="checkbox"/>	<input type="checkbox"/>	CS_GUIDB	RAW	16	0	Global identification of a BOM header
VALID_TO	<input type="checkbox"/>	<input type="checkbox"/>	DATUB	DATS	8	0	Valid-to date
VALID_TO_RKEY	<input type="checkbox"/>	<input type="checkbox"/>	DATUB	DATS	8	0	Valid-to date
ECN_TO	<input type="checkbox"/>	<input type="checkbox"/>	AENRA	CHAR	12	0	Change Number To
ECN_TO_RKEY	<input type="checkbox"/>	<input type="checkbox"/>	AENRA	CHAR	12	0	Change Number To
.INCLUDE	<input type="checkbox"/>	<input type="checkbox"/>	CI_STKO	STRU	0	0	
.APPEND	<input type="checkbox"/>	<input type="checkbox"/>	ZSTKO_ADNL	STRU	0	0	Additional fields of BOM header
ZZNAME1	<input type="checkbox"/>	<input type="checkbox"/>	XUNAME1	CHAR	30	0	Name of user within the company
ZZTELNR	<input type="checkbox"/>	<input type="checkbox"/>	XUTELNR	CHAR	16	0	Telephone number (work)

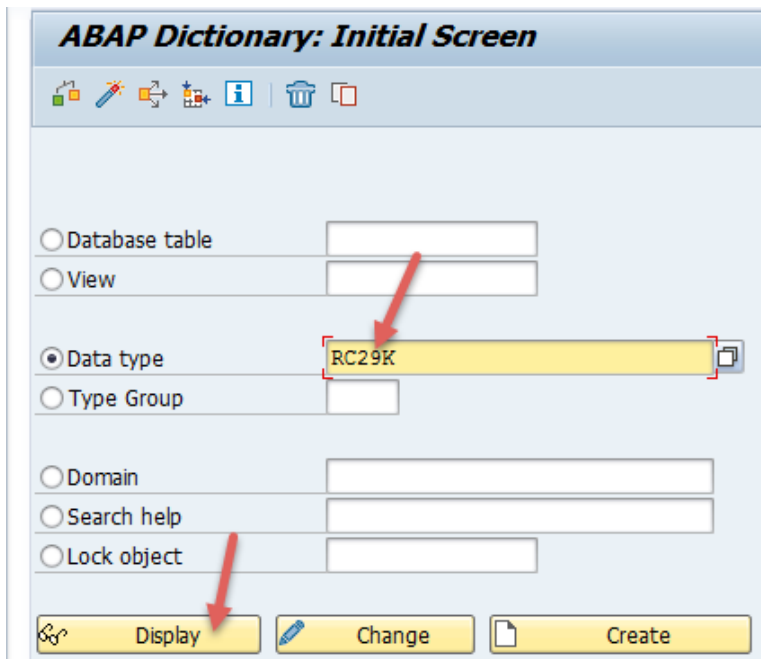
Enhance structure RC29K

Enhance database table RC29K by appending a structure with the below fields.

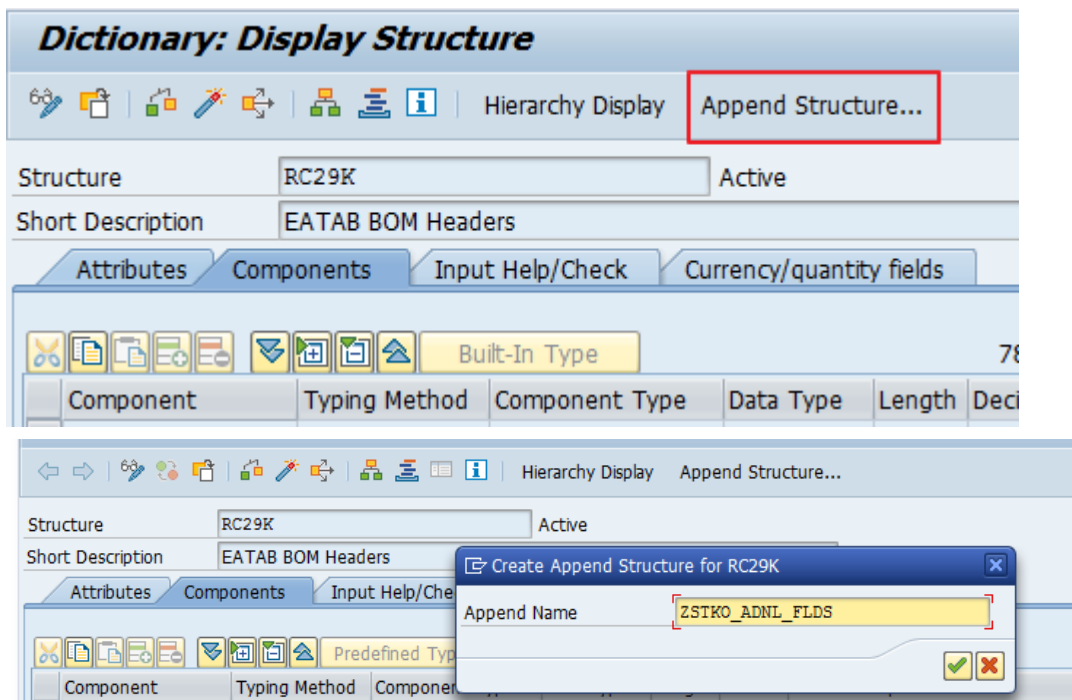
ZZNAME1 TYPE XUNAME1

ZZTELNR TYPE XUTELNR

1. Go to t-code SE11> Open the database table RC29K as displayed.



2. Click on "Append Structure" button to append the required fields into RC29K table.
3. Enter a name to Append Structure.
4. Add the required fields to the structure.
5. Save and Activate the structure.



Dictionary: Change Append Structure

Append Structure: Active

Short Description:

Attributes Components Input Help/Check Currency/quantity fields

Built-In Type Show Appending Obj 1 / 2

Component	Typing Method	Component Type	Data Type	Length	Deci...	Short Description
ZZNAME1	1 Types	XUNAME1	CHAR	30	0	Name of user within the company
ZZTELNR	1 Types	XUTELNR	CHAR	16	0	Telephone number (work)

Fields are appended successfully into the RC29K table.

Dictionary: Display Structure

Structure: Active

Short Description:

Attributes Components Input Help/Check Currency/quantity fields

Built-In Type 78 / 81

Component	Typing Method	Component Type	Data Type	Length	Deci...	Short Description
TOI_ASSGN	1 Types		NUMC	10	0	
.APPEND	1 Types	ZSTKO_ADNL_FLDS		0	0	BOM - Additional Fields for Extensibility
ZZNAME1	1 Types	XUNAME1	CHAR	30	0	Name of user within the company
ZZTELNR	1 Types	XUTELNR	CHAR	16	0	Telephone number (work)

Equipment BOM

You want to extend the MDG Data Model for Equipment BOM (U1) by the additional fields to the entity type "Equipment BOM" (EQBOMHDR). The following additional fields should be modelled as attributes of the entity type EQBOMHDR Entity Type in MDG.

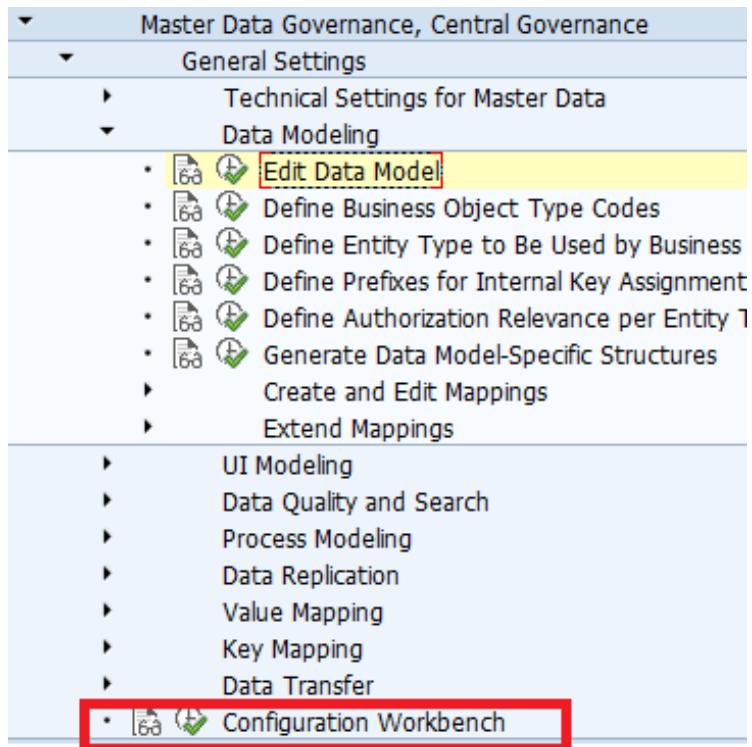
ZZNAME1 TYPE XUNAME1

ZZTELNR TYPE XUTELNR

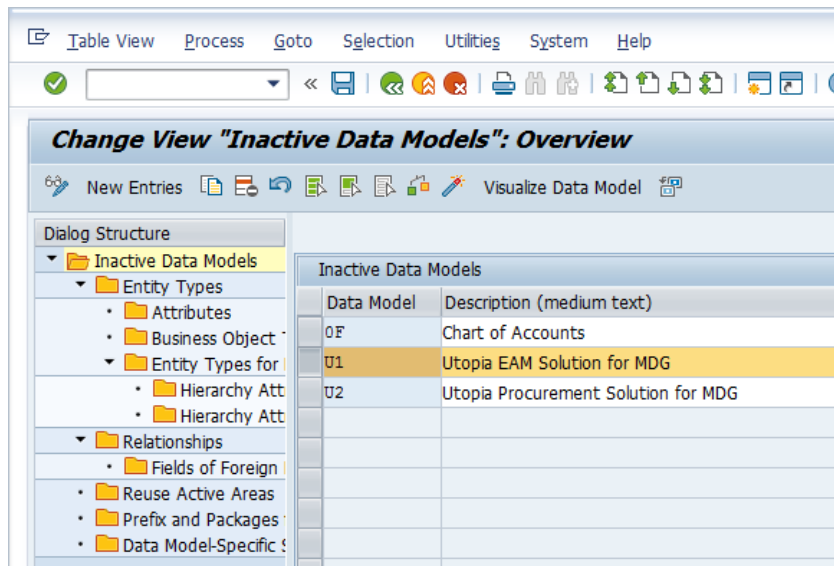
Add custom Entity Type to existing Data Model U1

Use the following steps to add attributes to existing Entity Type.

1. Log into system for cross client maintenance.
2. Start Customizing for Master Data Governance (transaction MDGIMG). Go to > General Settings > Configuration Workbench > Select Data Model U1> Select entity type 'EQBOMHDR' from Entity Types list > Go to Attributes tab > Click the "Edit" button> Click the "New" button.



3. Select the Data Model U1> Double-Click on Entity Types > Select the entity EQBOMHDR > Double-Click on Attributes.



Change View "Attributes": Overview

New Entries

Dialog Structure

- Inactive Data Models
 - Entity Types
 - Attributes
 - Business Object
 - Entity Types for
 - Hierarchy Att
 - Hierarchy Att
 - Relationships
 - Fields of Foreign
 - Reuse Active Areas
 - Prefix and Packages
 - Data Model-Specific

Data Model: U1
Entity Type: EQBOMHDR

Attribute	Key Field	Data Element	Req.Entry ...	Curr./UoM...	Search Help
ALEIND	<input type="checkbox"/>	CS_ALEKZ	<input type="checkbox"/>		
AUTHGROUP	<input type="checkbox"/>	STLBE	<input type="checkbox"/>		
BASEQTY	<input type="checkbox"/>	BASMN	<input type="checkbox"/>	BASEUOM	
BASEUOM	<input type="checkbox"/>	BASME	<input type="checkbox"/>		H_T006
BOMSTATUS	<input type="checkbox"/>	STLST	<input type="checkbox"/>		H_T415S
CADIND	<input type="checkbox"/>	CADKZ	<input type="checkbox"/>		

It is recommended you only assign a Search Help to a Data Element in exceptional circumstances. If you do this, the input help executes the search help instead of reading the data in the check table or the fixed values of data element's domain.

New Entries: Overview of Added Entries

New Entries

Dialog Structure

- Inactive Data Models
 - Entity Types
 - Attributes
 - Business Object
 - Entity Types for
 - Hierarchy Att
 - Hierarchy Att
 - Relationships
 - Fields of Foreign
 - Reuse Active Areas
 - Prefix and Packages
 - Data Model-Specific

Data Model: U1
Entity Type: EQBOMHDR

Attribute	Key Field	Data Element
ZZNAME1	<input type="checkbox"/>	XUNAME1
ZZTELR	<input type="checkbox"/>	XUTELR
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	

4. Adjust Staging Area of Change Requests and Activate the Data Model.

Table View Process Gate Selection Utilities System Help

Change View "Models": Overview

New Entries Visualize Data Model

Dialog Structure

- Inactive Data Models
 - Entity Types
 - Attributes
 - Business Object
 - Entity Types for
 - Hierarchy Att
 - Hierarchy Att
 - Relationships
 - Fields of Foreign
 - Reuse Active Areas
 - Prefix and Packages
 - Data Model-Specific

Inactive Data Models

Data Model	Description (medium text)		
0F	Chart of Accounts		
U1	Utopia EAM Solution for MDG	/UGI/EAM	
U2	Utopia Procurement Solution for MDG	/UGI1/PROC	

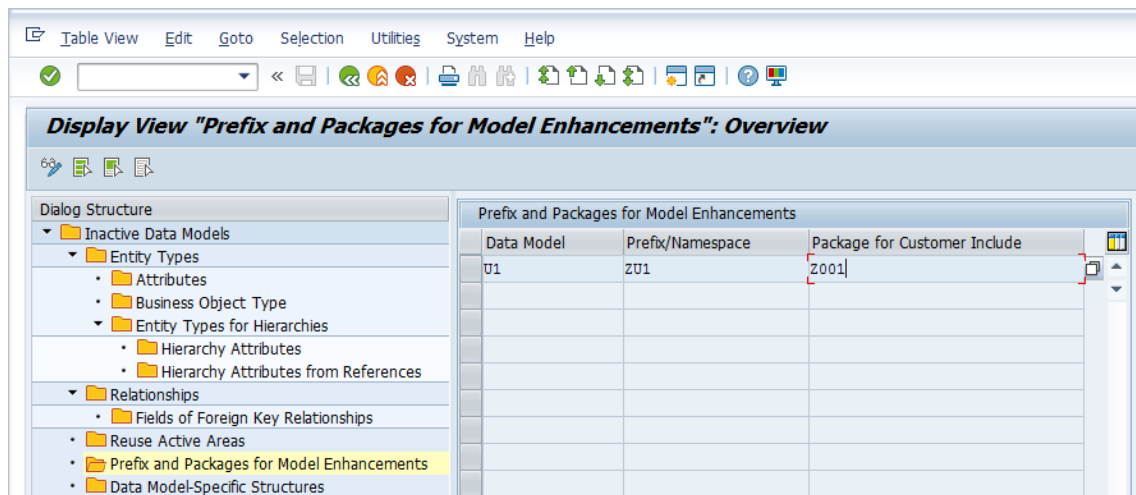
Click on this to activate the data model

Click on this to adjust Staging Area of Linked Change Requests

Generate MDG Data Model-Specific Structures

In general, if you change a Data Model (for example, if you change attributes of entity types or relationships) you need to regenerate the structures. You can assign a prefix and a package directly

in the Data Model. Then the structures will be generated automatically with activation of the Data Model.



Older releases: Since the MDG Data Model was changed you need to regenerate the tables. In this Customizing activity, for each Data Model and entity type you generate technical structures and tables in the ABAP Dictionary.

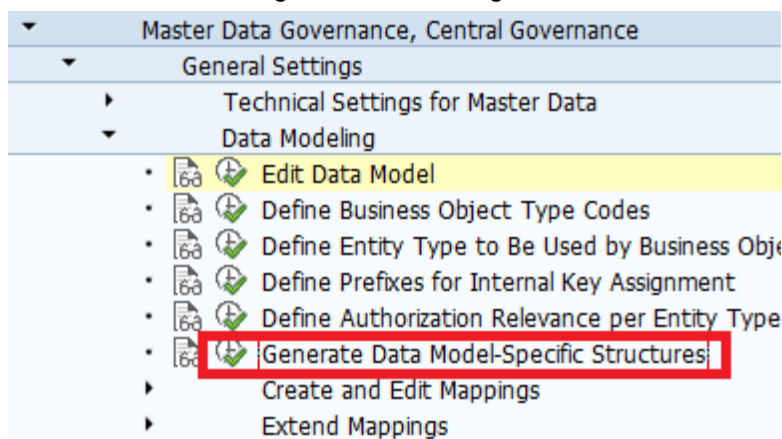
The system uses these structures internally for implementing the Staging Area.

Note

In general, if you change a Data Model (for example, if you change attributes of entity types or relationships); you need to regenerate the structures.







To generate the Data Model-Specific structures use the following steps.

1. Start Customizing for Master Data Governance (transaction MDGIMG).
Go to > General Settings > Data Modeling > Generate Data Model-specific Structures.



2. Select the row with Data Model U1 > Double-Click Structures in the left-hand panel> Choose the "Generate Selected Structures" button.

Change View "Structures": Overview

New Entries       Generate Selected Structures

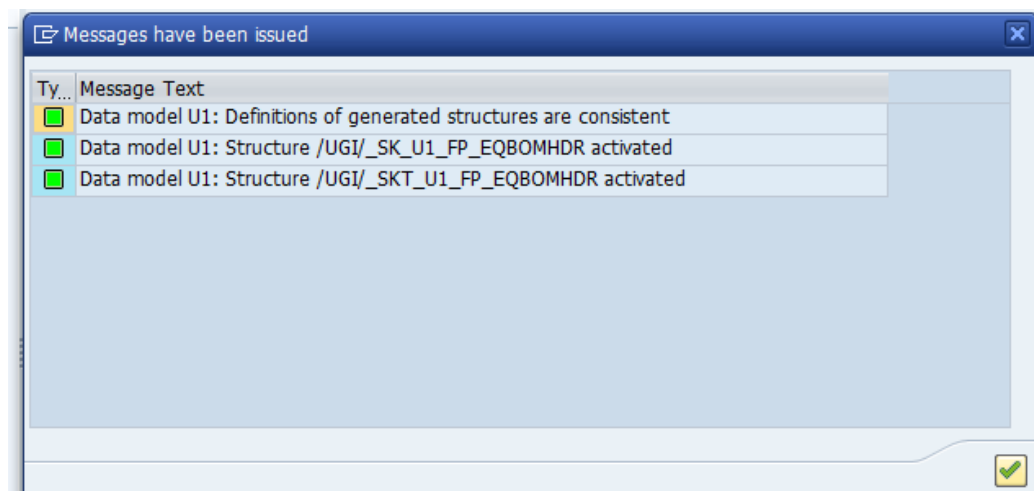
Dialog Structure

- Data Models
 - Structures
 - Mapping

Data Model







Entity Type	Where Used	Prefix/Namespace	Name of Structure	Package
EQBOMHDR	2 SMT Mapping for Replicati...	/UGI/	SMT_EQBOMHDR	/UGI/MDG_EAM_BOM
EQBOMHDR	3 Mapping of Reuse Active A...	/UGI/	PP_EQBOMHDR	/UGI/MDG_EAM_BOM
EQBOMHDR	4 Data Replication Framework	/UGI/	DRF_EQBOMHDR	/UGI/MDG_EAM_BOM
EQBOMHDR	5 Search Application	/UGI/	ES_EQBOMHDR	/UGI/MDG_EAM_BOM
EQBOMHDR	6 Field Control for Attribu...	/UGI/	FC_EQBOMHDR	/UGI/MDG_EAM_BOM
EQBOMHDR	7 Field Properties for Attr...	/UGI/	FP_EQBOMHDR	/UGI/MDG_EAM_BOM
EQBOMHDR	8 Key Fields of an Entity T...	/UGI/	KF_EQBOMHDR	/UGI/MDG_EAM_BOM

3. Verify that your structures were successfully generated.




4. In the following steps, you verify that one of the Active Area mapping structures was successfully generated with new fields.
Start t-code SE11 > Display structure /UGI/_S_U1_PP_EQBOMHDR.

ABAP Dictionary: Initial Screen

☐ Database table

☐ View




☒ Data type 

☐ Type Group

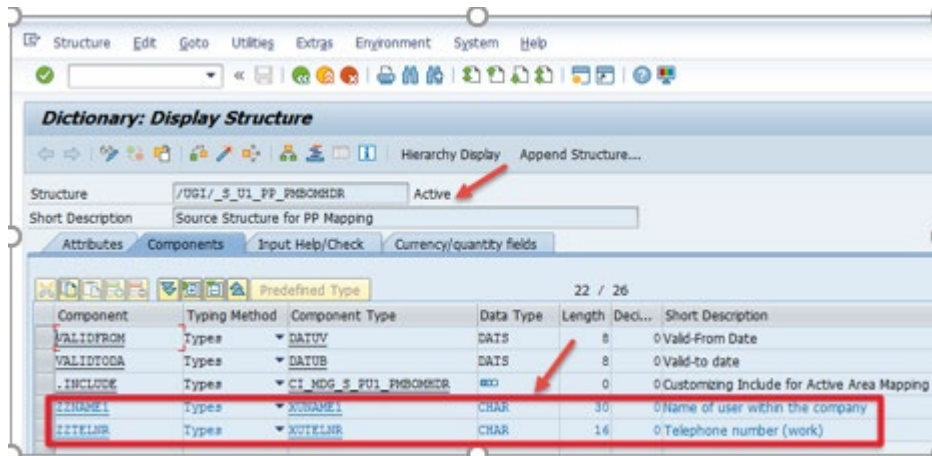
☐ Domain

☐ Search help

☐ Lock object

 Display  Change  Create

You have now verified that the structure /UGI/_S_U1_PP_EQBOMHDR has been generated.



Enhance Active Area Structures/Tables

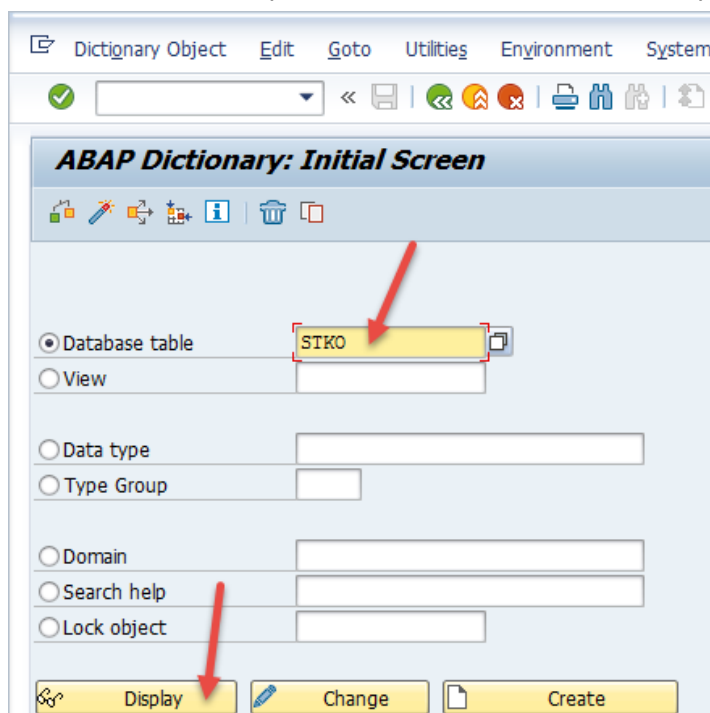
Enhance table STKO

Enhance database table STKO by appending a structure with the following fields.

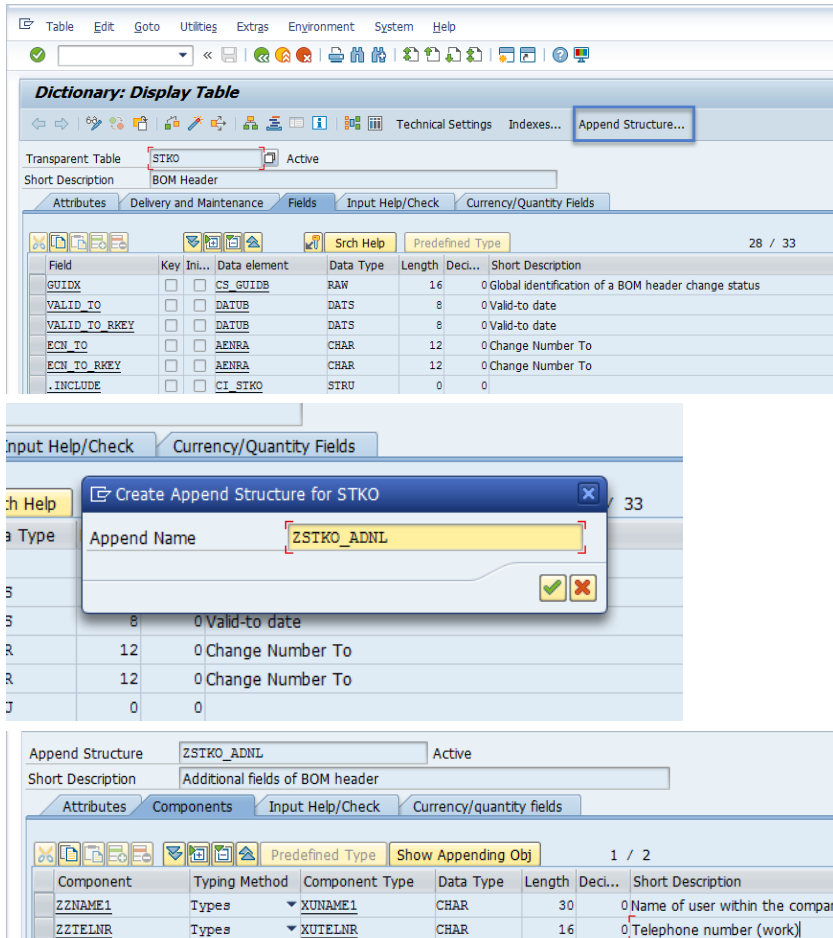
ZZNAME1 TYPE XUNAME1

ZZTELNR TYPE XUTELNR

1. Go to t-code SE11> Open the database table STKO as displayed.



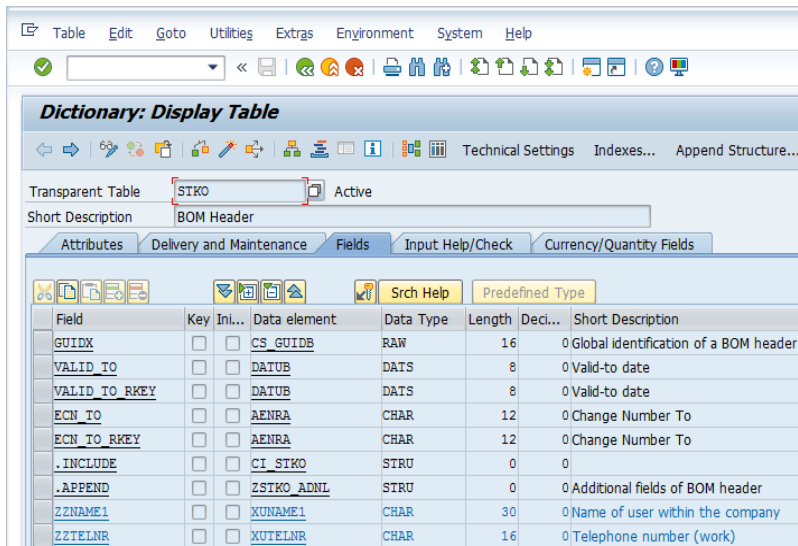
2. Click on "Append Structure" button to append the required fields into STKO table.
3. Enter a name to Append Structure.
4. Add the required fields to the structure.
5. Save and Activate the structure.



The screenshot shows the SAP Dictionary: Display Table interface for the STKO table. The 'Append Structure...' button is highlighted. A dialog box 'Create Append Structure for STKO' is open, showing the 'Append Name' field with the value 'ZSTKO_ADNL'. Below the dialog, the 'Append Structure' section shows the 'ZSTKO_ADNL' structure with the 'Short Description' 'Additional fields of BOM header'. The 'Components' tab is selected, showing a list of fields to be appended:

Component	Typing Method	Component Type	Data Type	Length	Deci...	Short Description
ZZNAME1	Types	XUNAME1	CHAR	30		0 Name of user within the company
ZZTELNR	Types	XUTELNR	CHAR	16		0 Telephone number (work)

Fields are appended successfully into the STKO table.



The screenshot shows the SAP Dictionary: Display Table interface for the STKO table after the structure has been appended. The 'ZSTKO_ADNL' structure is now listed in the 'Fields' tab, and the 'ZZNAME1' and 'ZZTELNR' components are also listed in the 'Components' tab.

Field	Key	Incl...	Data element	Data Type	Length	Deci...	Short Description
GUIDX			CS_GUIDB	RAW	16		0 Global identification of a BOM header
VALID_TO			DAIUB	DATS	8		0 Valid-to date
VALID_TO_RKEY			DAIUB	DATS	8		0 Valid-to date
ECN_TO			AENRA	CHAR	12		0 Change Number To
ECN_TO_RKEY			AENRA	CHAR	12		0 Change Number To
.INCLUDE			CI_STKO	STRU	0		0
.APPEND			ZSTKO_ADNL	STRU	0		0 Additional fields of BOM header
ZZNAME1			XUNAME1	CHAR	30		0 Name of user within the company
ZZTELNR			XUTELNR	CHAR	16		0 Telephone number (work)

Enhance structure RC29K

Enhance database table RC29K by appending a structure with the following fields.

ZZNAME1 TYPE XUNAME1

ZZTELNR TYPE XUTELNR

1. Go to t-code SE11> Open the database table RC29K as displayed.

ABAP Dictionary: Initial Screen

Database table
 View
☒ Data type **RC29K**
 Type Group
 Domain
 Search help
 Lock object

Display Change Create

2. Click on “Append Structure” button to append the required fields into RC29K table.
3. Enter a name to Append Structure.
4. Add the required fields to the structure.
5. Save and Activate the structure.

Dictionary: Display Structure

Structure **RC29K** Active
 Short Description **EATAB BOM Headers**

Attributes Components Input Help/Check Currency/quantity fields

Component Typing Method Component Type Data Type Length Deci...

Structure **RC29K** Active
 Short Description **EATAB BOM Headers**

Attributes Components Input Help/Check

Component Typing Method Component Type Data Type Length Deci...

Create Append Structure for RC29K

Append Name **ZSTKO_ADNL_FLDS**

Dictionary: Change Append Structure

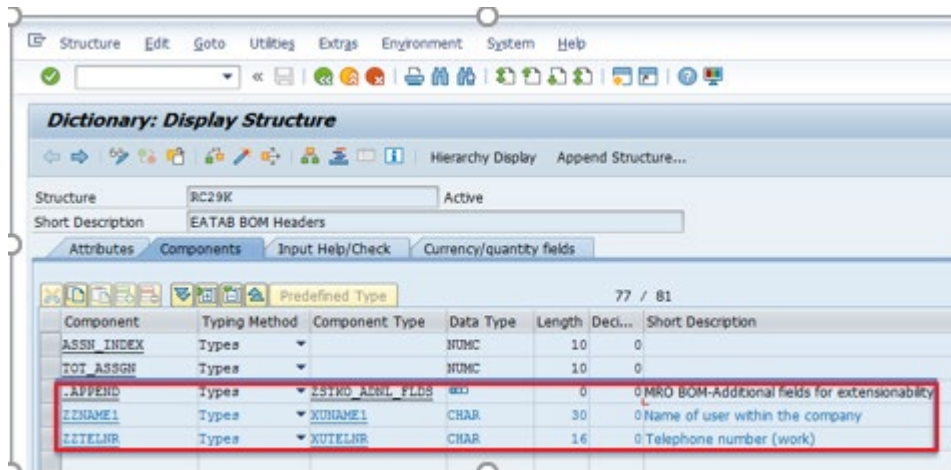
Append Structure **ZSTKO_ADNL_FLDS** Active
 Short Description **BOM - Additional Fields for Extensibility**

Attributes Components Input Help/Check Currency/quantity fields

Component Typing Method Component Type Data Type Length Deci... Short Description

Component	Typing Method	Component Type	Data Type	Length	Deci...	Short Description
ZZNAME1	1 Types	XUNAME1	CHAR	30	0	Name of user within the company
ZZTELNR	1 Types	XUTELNR	CHAR	16	0	Telephone number (work)

Fields are appended successfully into the RC29K table.



WBS BOM

You want to extend the MDG Data Model for WBS BOM (U1) by the additional fields to the entity type “WBS BOM” (WBSBOMHDR). The following additional fields should be modelled as attributes of the entity type WBSBOMHDR Entity Type in MDG.

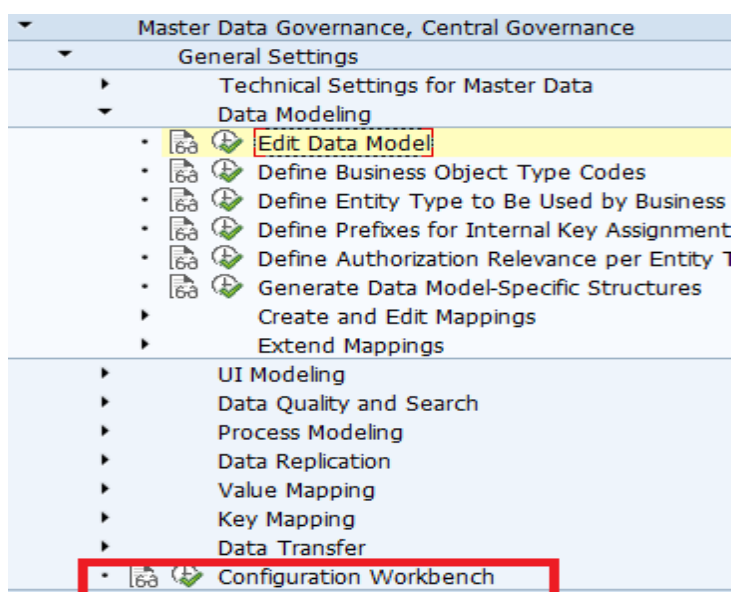
ZZNAME1 TYPE XUNAME1

ZZTELNR TYPE XUTELNR

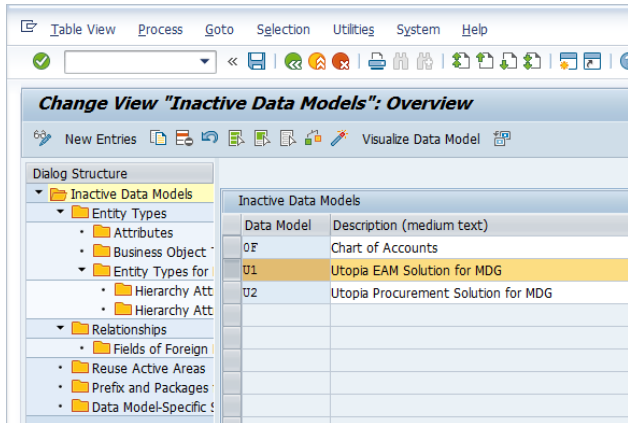
Add custom Entity Type to existing Data Model U1

Use the following steps to add attributes to existing Entity Type.

1. Log into system for cross client maintenance.
2. Start Customizing for Master Data Governance (transaction MDGIMG). Go to > General Settings > Configuration Workbench > Select Data Model U1 > Select entity type ‘WBSBOMHDR’ from Entity Types list > Go to Attributes tab > Click the “Edit” button > Click the “New” button.



3. Select the Data Model U1> Double-Click on Entity Types> Select the entity WBSBOMHDR > Double-Click on Attributes.

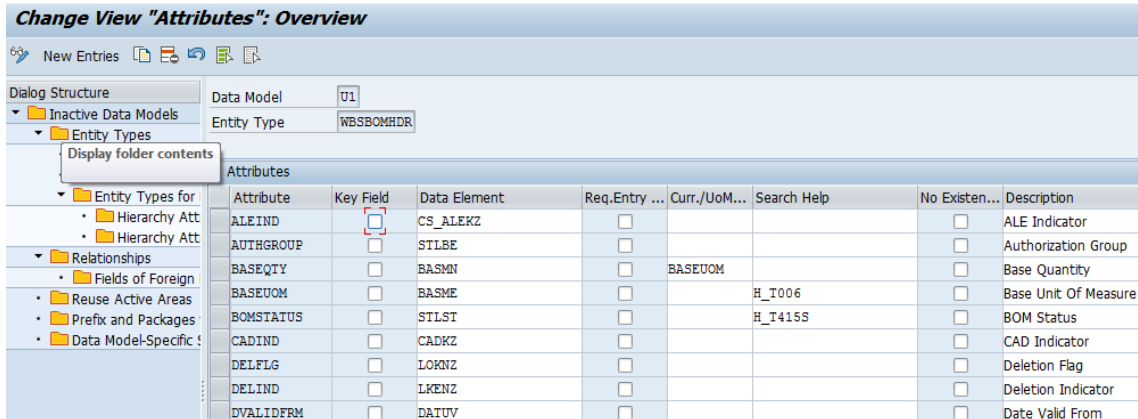


Change View "Inactive Data Models": Overview

Dialog Structure

- Inactive Data Models
 - Entity Types
 - Attributes
 - Business Object
 - Entity Types for
 - Hierarchy Att
 - Hierarchy Att
 - Relationships
 - Fields of Foreign
 - Reuse Active Areas
 - Prefix and Packages
 - Data Model-Specific

Data Model	Description (medium text)
0F	Chart of Accounts
U1	Utopia EAM Solution for MDG
U2	Utopia Procurement Solution for MDG



Change View "Attributes": Overview

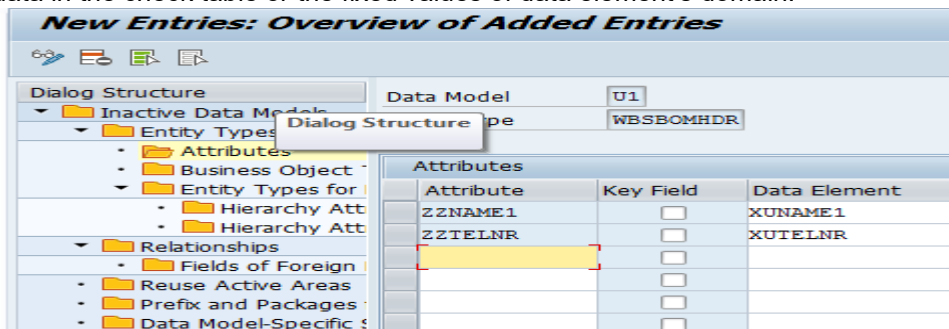
Dialog Structure

- Inactive Data Models
 - Entity Types
 - Attributes
 - Business Object
 - Entity Types for
 - Hierarchy Att
 - Hierarchy Att
 - Relationships
 - Fields of Foreign
 - Reuse Active Areas
 - Prefix and Packages
 - Data Model-Specific

Data Model: U1
Entity Type: WBSBOMHDR

Attribute	Key Field	Data Element	Req. Entry ...	Curr./UoM...	Search Help	No Existen...	Description
ALEIND	<input type="checkbox"/>	CS_ALEKZ	<input type="checkbox"/>			<input type="checkbox"/>	ALE Indicator
AUTHGROUP	<input type="checkbox"/>	STLBE	<input type="checkbox"/>			<input type="checkbox"/>	Authorization Group
BASEQTY	<input type="checkbox"/>	BASMN	<input type="checkbox"/>	BASEUOM		<input type="checkbox"/>	Base Quantity
BASEUOM	<input type="checkbox"/>	BASME	<input type="checkbox"/>		H_T006	<input type="checkbox"/>	Base Unit Of Measure
BOMSTATUS	<input type="checkbox"/>	STLST	<input type="checkbox"/>		H_T415S	<input type="checkbox"/>	BOM Status
CADIND	<input type="checkbox"/>	CADKZ	<input type="checkbox"/>			<input type="checkbox"/>	CAD Indicator
DELFLG	<input type="checkbox"/>	LOKNZ	<input type="checkbox"/>			<input type="checkbox"/>	Deletion Flag
DELIND	<input type="checkbox"/>	LKENZ	<input type="checkbox"/>			<input type="checkbox"/>	Deletion Indicator
DVALIDFRM	<input type="checkbox"/>	DATUV	<input type="checkbox"/>			<input type="checkbox"/>	Date Valid From

It is recommended you only assign a Search Help to a Data Element in exceptional circumstances. If you do this, the input help executes the search help instead of reading the data in the check table or the fixed values of data element's domain.



New Entries: Overview of Added Entries

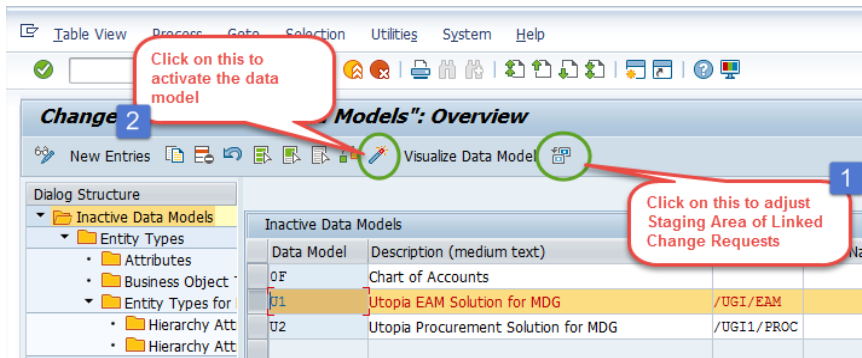
Dialog Structure

- Inactive Data Models
 - Entity Types
 - Attributes
 - Business Object
 - Entity Types for
 - Hierarchy Att
 - Hierarchy Att
 - Relationships
 - Fields of Foreign
 - Reuse Active Areas
 - Prefix and Packages
 - Data Model-Specific

Data Model: U1
Entity Type: WBSBOMHDR

Attribute	Key Field	Data Element
ZZNAME1	<input type="checkbox"/>	XUNAME1
ZZTELNR	<input type="checkbox"/>	XUTELNR
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	
	<input type="checkbox"/>	

4. Adjust Staging Area of Change Requests and Activate the Data Model.



Change View "Inactive Data Models": Overview

Dialog Structure

- Inactive Data Models
 - Entity Types
 - Attributes
 - Business Object
 - Entity Types for
 - Hierarchy Att
 - Hierarchy Att
 - Relationships
 - Fields of Foreign
 - Reuse Active Areas
 - Prefix and Packages
 - Data Model-Specific

Data Model: U1
Entity Type: WBSBOMHDR

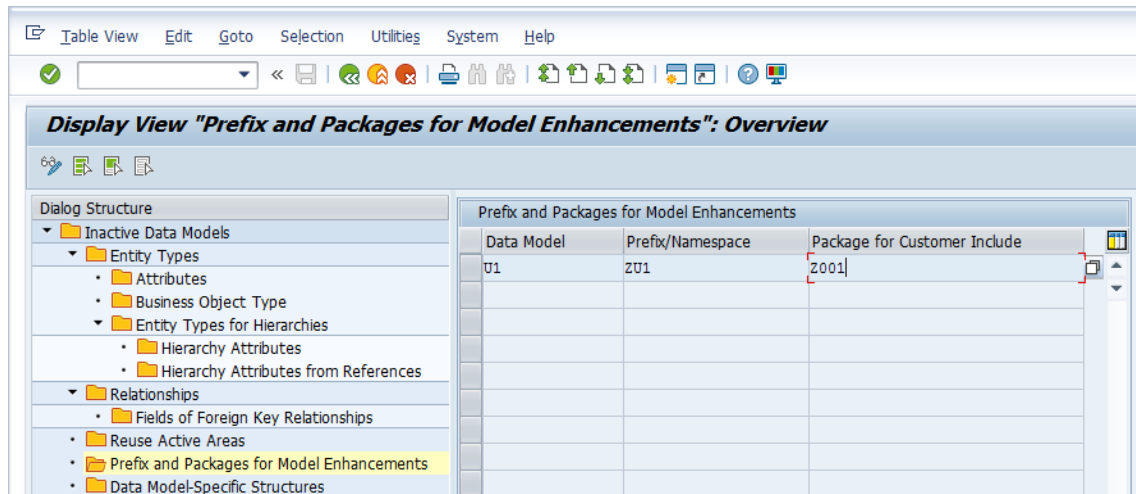
Data Model	Description (medium text)		
0F	Chart of Accounts		
U1	Utopia EAM Solution for MDG	/UGI/EAM	
U2	Utopia Procurement Solution for MDG	/UGI1/PROC	

Annotations:

- Click on this to activate the data model (points to the 'Visualize Data Model' icon).
- Click on this to adjust Staging Area of Linked Change Requests (points to the 'Visualize Data Model' icon).

Generate MDG Data Model-Specific Structures

In general, if you change a Data Model (for example, if you change attributes of entity types or relationships) you need to regenerate the structures. You can assign a prefix and a package directly in the Data Model and the structures will be generated automatically with activation of the Data Model.



Older releases: Since the MDG Data Model was changed you need to regenerate the tables. In this Customizing activity, for each Data Model and entity type you generate technical structures and tables in the ABAP Dictionary.

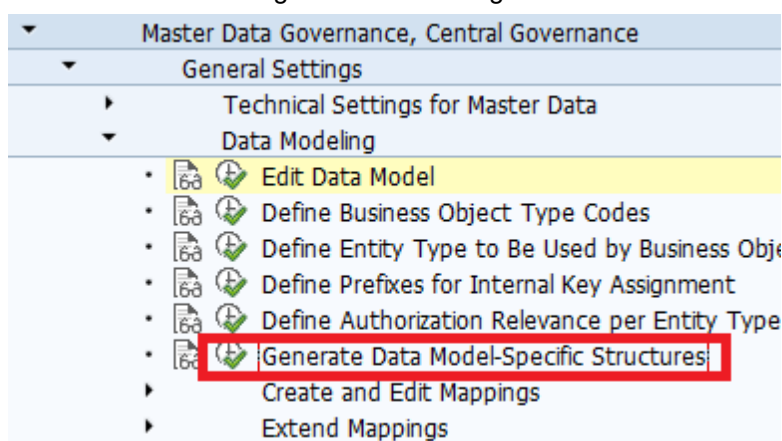
The system uses these structures internally for implementing the Staging Area.

Note

In general, if you change a Data Model (for example, if you change attributes of entity types or relationships); you need to regenerate the structures.

To generate the Data Model-Specific structures use the following steps.

1. Start Customizing for Master Data Governance (transaction MDGIMG).
Go to > General Settings > Data Modeling > Generate Data Model-specific Structures.



2. Select the row with Data Model U1> Double-Click Structures in the left-hand panel > Choose the “Generate Selected Structures” button.

Change View "Structures": Overview

New Entries  Generate Selected Structures

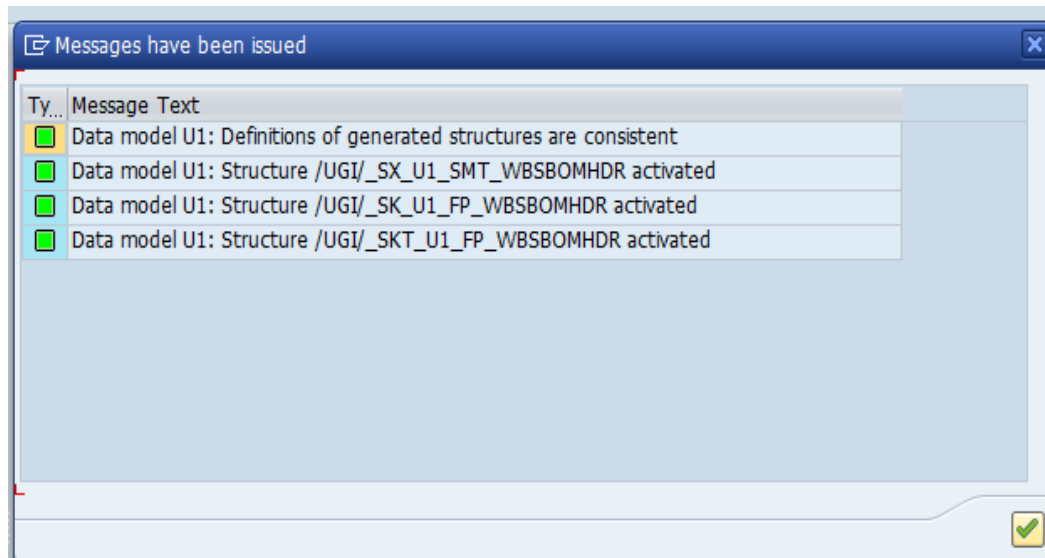
Dialog Structure

- Data Models
 - Structures
 - Mapping

Data Model

Entity Type	Where Used	Prefix/Namespace	Name of Structure	Package
WBSBOMHDR	2 SMT Mapping for Replicati...	/UGI/	SMT_WBSBOMHDR	/UGI/MDG_EAM_BOM
WBSBOMHDR	3 Mapping of Reuse Active A...	/UGI/	PP_WBSBOMHDR	/UGI/MDG_EAM_BOM
WBSBOMHDR	4 Data Replication Framework	/UGI/	DRF_WBSBOMHDR	/UGI/MDG_EAM_BOM
WBSBOMHDR	5 Search Application	/UGI/	ES_WBSBOMHDR	/UGI/MDG_EAM_BOM
WBSBOMHDR	6 Field Control for Attribu...	/UGI/	FC_WBSBOMHDR	/UGI/MDG_EAM_BOM
WBSBOMHDR	7 Field Properties for Attr...	/UGI/	FP_WBSBOMHDR	/UGI/MDG_EAM_BOM
WBSBOMHDR	Key Fields of an Entity T...	/UGI/	KF_WBSBOMHDR	/UGI/MDG_EAM_BOM

- Verify that your structures were successfully generated.




- In the following steps, you verify that one of the Active Area mapping structures was successfully generated with new fields.
Start t-code SE11 > Display structure /UGI/_S_U1_PP_WBSBOMHDR.

ABAP Dictionary: Initial Screen

Database table

View

Data type 

Type Group

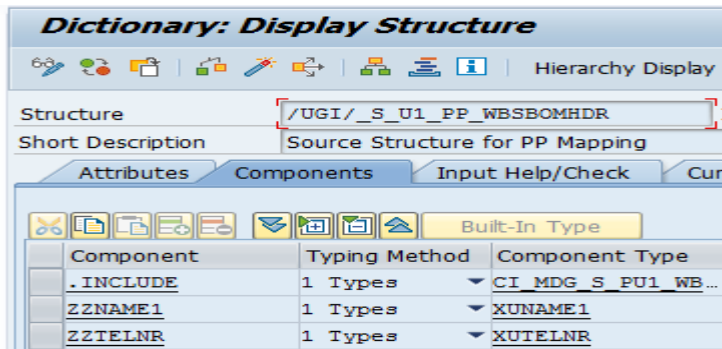
Domain

Search help

Lock object

Display Change Create

You have now verified that the structure /UGI/_S_U1_PP_WBSBOMHDR has been generated.



Enhance Active Area Structures/Tables

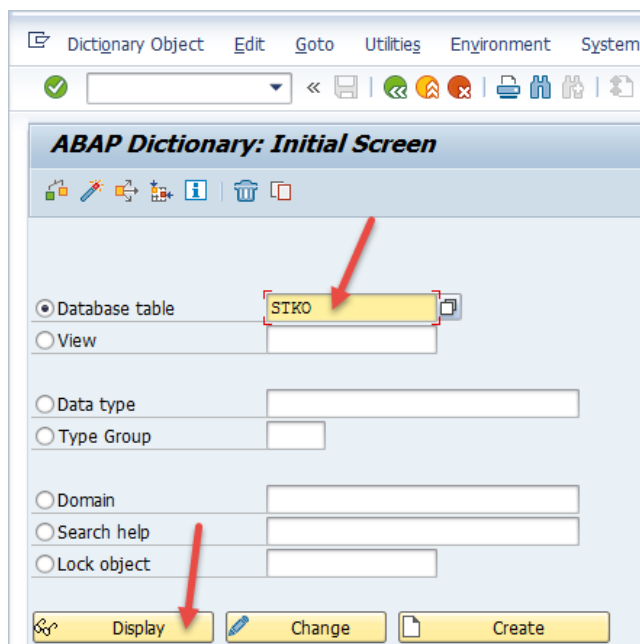
Enhance table STKO

Enhance database table STKO by appending a structure with the following fields.

ZZNAME1 TYPE XUNAME1

ZZTELNR TYPE XUTELNR

1. Go to t-code SE11 > Open the database table STKO as displayed.



2. Click on "Append Structure" button to append the required fields into STKO table.
3. Enter a name to Append Structure.
4. Add the required fields to the structure.
5. Save and Activate the structure.

Dictionary: Display Table

Transparent Table: STKO Active

Short Description: BOM Header

Attributes | Delivery and Maintenance | **Fields** | Input Help/Check | Currency/Quantity Fields

28 / 33

Field	Key	Ini...	Data element	Data Type	Length	Deci...	Short Description
<u>GUIDX</u>	<input type="checkbox"/>	<input type="checkbox"/>	CS_GUIDB	RAW	16	0	Global identification of a BOM header change status
<u>VALID_TO</u>	<input type="checkbox"/>	<input type="checkbox"/>	DATUB	DATS	8	0	Valid-to date
<u>VALID_TO_RKEY</u>	<input type="checkbox"/>	<input type="checkbox"/>	DATUB	DATS	8	0	Valid-to date
<u>ECN_TO</u>	<input type="checkbox"/>	<input type="checkbox"/>	AENRA	CHAR	12	0	Change Number To
<u>ECN_TO_RKEY</u>	<input type="checkbox"/>	<input type="checkbox"/>	AENRA	CHAR	12	0	Change Number To
<u>.INCLUDE</u>	<input type="checkbox"/>	<input type="checkbox"/>	CI_STKO	STRU	0	0	

Input Help/Check | Currency/Quantity Fields

Create Append Structure for STKO

Append Name: ZSTKO_ADNL

Append Structure: ZSTKO_ADNL Active

Short Description: Additional fields of BOM header

Attributes | **Components** | Input Help/Check | Currency/quantity fields

1 / 2

Component	Typing Method	Component Type	Data Type	Length	Deci...	Short Description
<u>ZZNAME1</u>	Types	XUNAME1	CHAR	30	0	Name of user within the company
<u>ZZTELNR</u>	Types	XUTELNR	CHAR	16	0	Telephone number (work)

Fields are appended successfully into the STKO table.

Dictionary: Display Table

Transparent Table: STKO Active

Short Description: BOM Header

Attributes | Delivery and Maintenance | **Fields** | Input Help/Check | Currency/Quantity Fields

33 / 33

Field	Key	Ini...	Data element	Data Type	Length	Deci...	Short Description
<u>GUIDX</u>	<input type="checkbox"/>	<input type="checkbox"/>	CS_GUIDB	RAW	16	0	Global identification of a BOM header
<u>VALID_TO</u>	<input type="checkbox"/>	<input type="checkbox"/>	DATUB	DATS	8	0	Valid-to date
<u>VALID_TO_RKEY</u>	<input type="checkbox"/>	<input type="checkbox"/>	DATUB	DATS	8	0	Valid-to date
<u>ECN_TO</u>	<input type="checkbox"/>	<input type="checkbox"/>	AENRA	CHAR	12	0	Change Number To
<u>ECN_TO_RKEY</u>	<input type="checkbox"/>	<input type="checkbox"/>	AENRA	CHAR	12	0	Change Number To
<u>.INCLUDE</u>	<input type="checkbox"/>	<input type="checkbox"/>	CI_STKO	STRU	0	0	
<u>.APPEND</u>	<input type="checkbox"/>	<input type="checkbox"/>	ZSTKO_ADNL	STRU	0	0	Additional fields of BOM header
<u>ZZNAME1</u>	<input type="checkbox"/>	<input type="checkbox"/>	XUNAME1	CHAR	30	0	Name of user within the company
<u>ZZTELNR</u>	<input type="checkbox"/>	<input type="checkbox"/>	XUTELNR	CHAR	16	0	Telephone number (work)

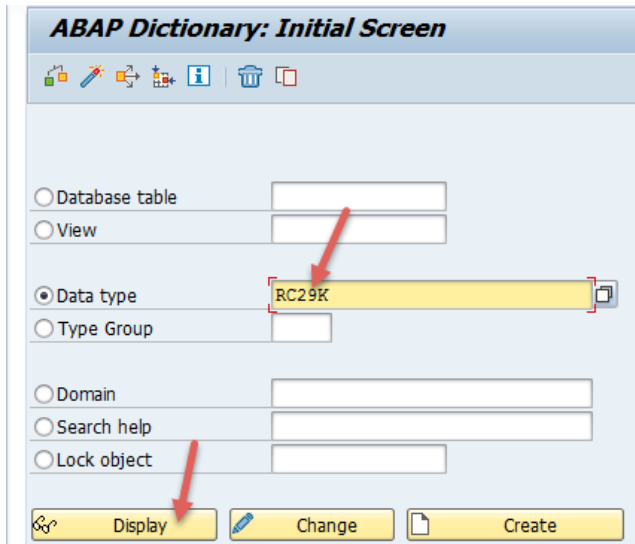
Enhance structure RC29K

Enhance database table RC29K by appending a structure with the following fields.

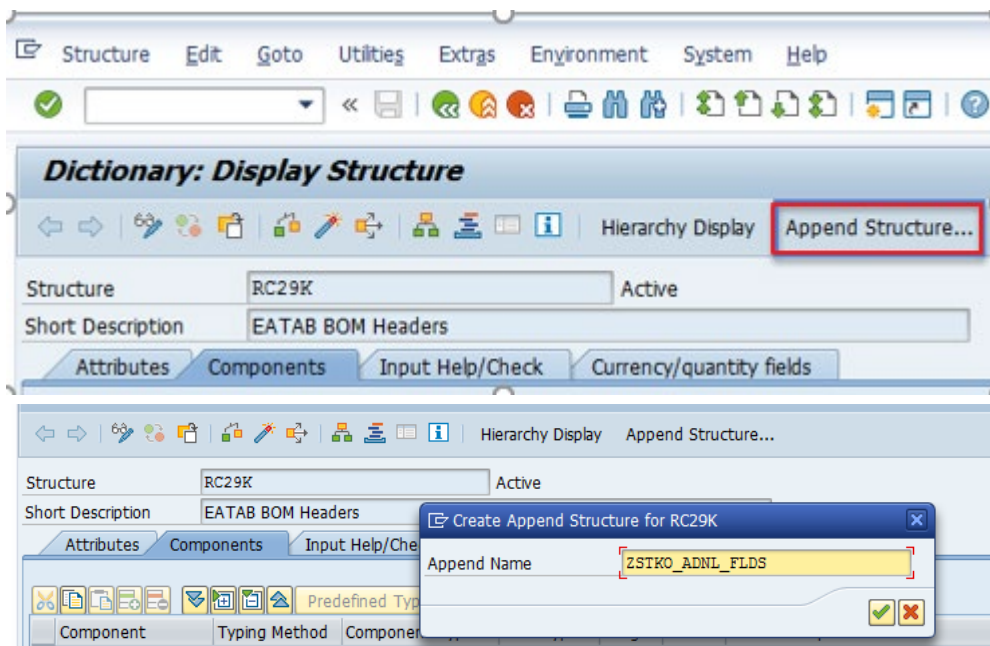
ZZNAME1 TYPE XUNAME1

ZZTELNR TYPE XUTELNR

1. Go to t-code SE11 > Open the database table RC29K as displayed.



2. Click on "Append Structure" button to append the required fields into RC29K table.
3. Enter a name to Append Structure.
4. Add the required fields to the structure.
5. Save and Activate the structure.



Dictionary: Change Append Structure

Append Structure: ZSTKO_ADNL_FLDS Active

Short Description: BOM - Additional Fields for Extensibility

Attributes Components Input Help/Check Currency/quantity fields

Built-In Type Show Appending Obj 1 / 2

Component	Typing Method	Component Type	Data Type	Length	Deci...	Short Description
ZZNAME1	1 Types	XUNAME1	CHAR	30	0	Name of user within the company
ZZTELNR	1 Types	XUTELNR	CHAR	16	0	Telephone number (work)

Fields are appended successfully into the RC29K table.

Dictionary: Display Structure

Structure: RC29K Active

Short Description: EATAB BOM Headers

Attributes Components Input Help/Check Currency/quantity fields

Predefined Type 77 / 81

Component	Typing Method	Component Type	Data Type	Length	Deci...	Short Description
ASSN_INDEX	Types		NUMC	10	0	
TOT_ASSIGN	Types		NUMC	10	0	
.APPEND	Types	ZSTKO_ADNL_FLDS	NUMC	0	0	0MRO BOM-Additional fields for extensionability
ZZNAME1	Types	XUNAME1	CHAR	30	0	Name of user within the company
ZZTELNR	Types	XUTELNR	CHAR	16	0	Telephone number (work)

SMT Mapping

You extend mappings by creating new transformations (complex transformations, field mappings) and field checks for them or by editing them.

Important: When the mappings are saved, the system generates the corresponding coding. Make sure that all relevant structures are ready before you start.

SMT Mapping: Get Mapping names from Data Model U1

Use the following steps to get the mapping names:

1. Log into system for cross-client maintenance. Start Customizing for Master Data Governance (transaction MDGIMG).
2. Go to> General Settings > Data Modelling > Generate Data Model Specific Structures > Select Data Model U1 > Double-Click on Mapping.

Change View "Data Models": Overview

New Entries Generate Structures

Dialog Structure

- Data Models
 - Structures
 - Mapping

Data Model	Description (medium text)
OG	Financials
BP	Business Partner
MM	Material
U1	Utopia EAM Solution for MDG
U2	Utopia Procurement Solution for MDG

Material BOM

The SMT mappings for Entity Type PMBOMHDR.

Change View "Mapping": Overview

New Entries

Dialog Structure

Data Models

Structures

Mapping

Data Model

U1

Mapping

Entity Type	Where Used	SMT Mapping from Active Area	SMT Mapping to Active Area
OLNWLAM	3 Mapping of Reuse Active A...	/UGI/MDG_SMT_OL_ECC2MDG_MAP	/UGI/MDG_SMT_OL_MDG2ECC_MAP
PERMITFL	3 Mapping of Reuse Active A...	/UGI/MDG_SMT_FLOC_API2MDG_MAP	/UGI/MDG_SMT_FLOC_MDG2API_MAP
PMBOMHDR	Mapping of Reuse Active A...	/UGI/MDG_SMT_MRO_ECC2MDG_MAP	/UGI/MDG_SMT_MRO_MDG2ECC_MAP
ILEQCOMP	3 Mapping of Reuse Active A...	/UGI/MDG_SMT_EQTLIST_API2MDG	/UGI/MDG_SMT_EQTLIST_MDG2API

Functional Location BOM

The SMT mappings for Entity Type FLBOMHDR.

Change View "Mapping": Overview

New Entries

Dialog Structure

Data Models

Structures

Mapping

Data Model

U1

Mapping





Entity Type	Where Used	SMT Mapping from Active Area	SMT Mapping to Active Area
EQUIPARTNR	3 Mapping of Reuse Active A...	/UGI/SMT_EQUI_PARTNER_ECC2MDG	/UGI/SMT_EQUI_PARTNER_MDG2ECC
EQUITEL	3 Mapping of Reuse Active A...	/UGI/SMT_EQUI_ADDRTEL_ECC2MD	/UGI/SMT_EQUI_ADDRTEL_MDG2EC
EQUIURL	3 Mapping of Reuse Active A...	/UGI/SMT_EQUI_ADDRURL_ECC2MD	/UGI/SMT_EQUI_ADDRURL_MDG2EC
FLBOMHDR	Mapping of Reuse Active A...	/UGI/MDG_SMT_FLBOM_ECC2MDG_MAP	/UGI/MDG_SMT_FLBOM_MDG2ECC_MAP
FLBOMITEM	3 Mapping of Reuse Active A...	/UGI/MDG_SMT_FLBOM_ECC2MDG_MAP	/UGI/MDG_SMT_FLBOM_MDG2ECC_MAP

Equipment BOM

The SMT mappings for Entity Type EQBOMHDR.

Change View "Mapping": Overview

New Entries



Dialog Structure

Data Models

Structures

Mapping

Data Model

U1

Mapping

Entity Type	Where Used	SMT Mapping from Active Area	SMT Mapping to Active Area
BOMITEM	3 Mapping of Reuse Active A...	/UGI/MDG_SMT_MRO_ECC2MDG_MAP	/UGI/MDG_SMT_MRO_MDG2ECC_MAP
EBOMITEM	3 Mapping of Reuse Active A...	/UGI/MDG_SMT_EQBOM_ECC2MDG_MAP	/UGI/MDG_SMT_EQBOM_MDG2ECC_MAP
EQBOMHDR	Mapping of Reuse Active A...	/UGI/MDG_SMT_EQBOM_ECC2MDG_MAP	/UGI/MDG_SMT_EQBOM_MDG2ECC_MAP
EQBOMSBIT	3 Mapping of Reuse Active A...	/UGI/MDG_SMT_EQBOM_ECC2MDG_MAP	/UGI/MDG_SMT_EQBOM_MDG2ECC_MAP

WBS BOM

The SMT mappings for Entity Type WBSBOMHDR.

Change View "Mapping": Overview

New Entries

Dialog Structure

Data Models

Structures

Mapping

Data Model

U1

Mapping

Entity Type	Where Used	SMT Mapping from Active Area	SMT Mapping to Active Area
WBSBOMHDR	<div>Mapping of Reuse Active A...</div>	/UGI/MDG_SMT_WSBOM_ECC2MDG_MAP	/UGI/MDG_SMT_WSBOM_MDG2ECC_MAP
WCMLTXX	3 Mapping of Reuse Active A...	/UGI/MDG_EAM_WC_API_2_MDG	/UGI/MDG_EAM_WRCNTR_MAP_2API2
WORKCNTR	3 Mapping of Reuse Active A...	/UGI/MDG_EAM_WC_API_2_MDG	/UGI/MDG_EAM_WRCNTR_MAP_2API2
WRKCAPA	3 Mapping of Reuse Active A...	/UGI/MDG_EAM_WC_API_2_MDG	/UGI/MDG_EAM_WRCNTR_MAP_2API2

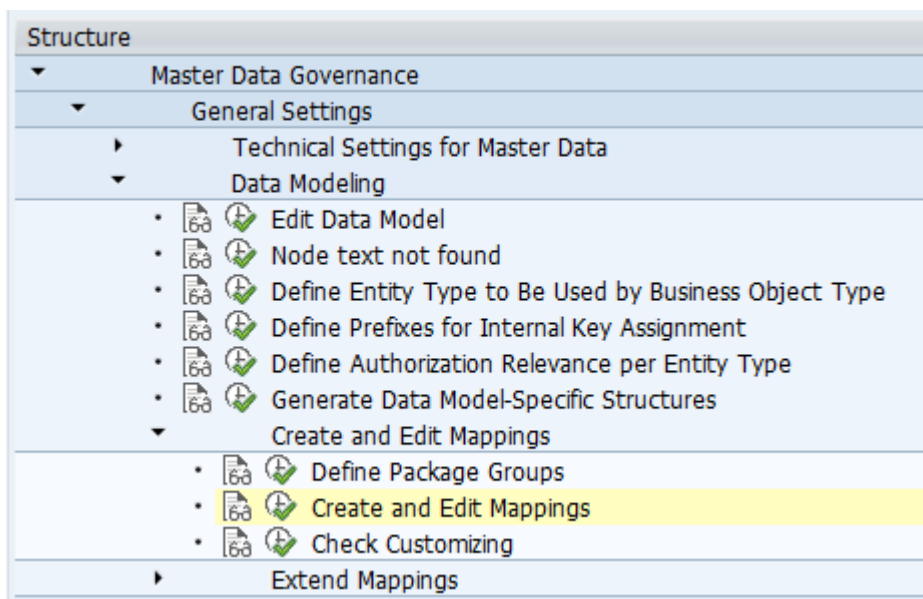
SMT Mapping: Primary Persistence to Staging

Use the following steps for SMT Mapping from Primary Persistence to Staging Area.

1. Log into system for cross-client maintenance. Start Customizing for Master Data Governance (transaction MDGIMG).
2. Go to > General Settings > Data Modeling > Create and Edit Mappings > Create and Edit Mappings.

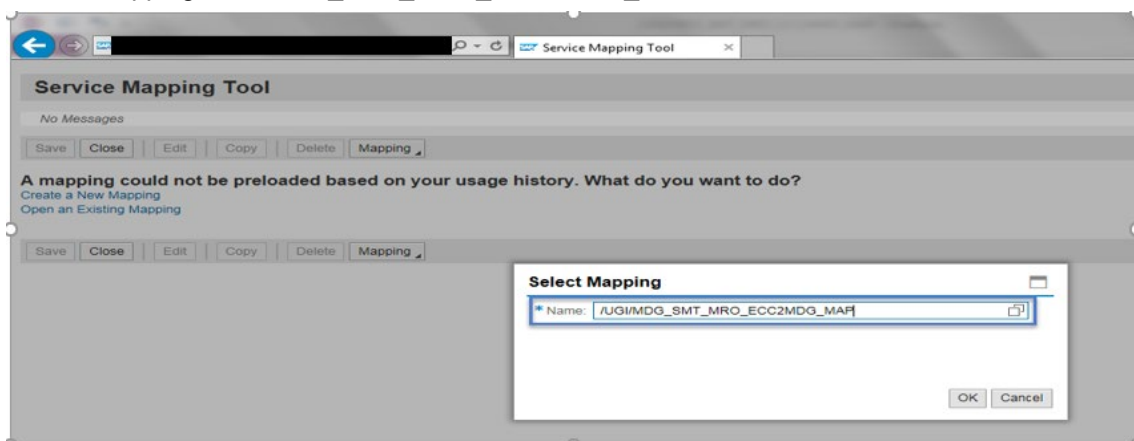
Note

For new Entity Types, it is recommended to create a new mapping. When extending existing Entity Types, it is recommended to extend the existing mapping.



Material BOM

1. Extend mapping /UGI/MDG_SMT_MRO_ECC2MDG_MAP.



2. Select mapping step and choose the "Details" button. Map the fields as shown in the following screen.

Mapping

* Name: /UGI/MDG_SMT_MRO_ECC2MDG_MAP
 Description: SMT Mapping for MRO BOM from ECC to MDG
 Package Group: /UGI/EAM
 Multiple Contexts: ☐

Mapping Steps

*Mapping Step	Description	*Source Structure	*Target Structure
/UGI/MDG_SMT_CSIN_TO_STAGE	Mapping for Interface Data	CSIN	/UGI/_S_U1_PP_PMBOMHDR
/UGI/MDG_SMT_CSIN_TO_STAGE_ITM	Mapping for Interface Data to item	CSIN	/UGI/_S_U1_PP_BOMITEM
/UGI/MDG_SMT_STKOB_TO_STAGE	BOM Header data Mapping	STKOB	/UGI/_S_U1_PP_PMBOMHDR
/UGI/MDG_SMT_STPOB_TO_STAGE	BOM Item Data	STPOB	/UGI/_S_U1_PP_BOMITEM

Save Close Edit Copy Delete Mapping

3. Add a mapping step - Assign Source Structure STKO, Assign Target Structure /UGI/_S_U1_PP_PMBOMHDR.

Field Mapping

Add Remove

*FIELD	Source Structure	Source Field	Fixed Value	Conversion Class	Reference Type	Field type	Data Type	Number of Characters	Decimal Places	Description
STNUM	STKOB	STLNR			<input type="checkbox"/>	STNUM	CHAR	8		Bill of material
VALIDF...	STKOB	DATUV			<input type="checkbox"/>	DATUV	DATS	8		Valid-From Date
WERKS	STKOB	WRKAN			<input type="checkbox"/>	WERKS_D	CHAR	4		Plant
ZZNAME1	STKOB	ZZNAME1			<input type="checkbox"/>	XUNAME1	CHAR	30		Name of user within the company
ZZTELNR	STKOB	ZZTELNR			<input type="checkbox"/>	XUTELNR	CHAR	16		Telephone number (work)

4. Save your changes.

Functional Location BOM

1. Extend mapping /UGI/MDG_SMT_FLBOM_ECC2MDG_MAP.

No Messages

Save Close Edit Copy Delete Mapping External

Mapping

* Name: /UGI/MDG_SMT_FLBOM_ECC2MDG_MAP

Description:

Package Group:

Multiple Contexts:

Select Mapping

* Name: /UGI/MDG_SMT_FLBOM_ECC2MDG_MAP

OK Cancel

2. Select mapping step and choose the "Details" button. Map the fields as shown in the following screen.

Display Mapping: /UGI/MDG_SMT_FLBOM_ECC2MDG_MAP

No Messages

Save Close Edit Copy Delete Mapping External

Mapping

* Name: /UGI/MDG_SMT_FLBOM_ECC2MDG_MAP

Description: SMT Mapping for FLBOM BOM from ECC to MDG

Package Group: /UGI/EAM

Multiple Contexts: ☐

Mapping Steps

Details Add Remove Copy Import Change Structure Keys Additional Input Structures Assign Service Information

*Mapping Step	*Source Structure	Change Structure	*Target Structure	Change S
/UGI/MDG_SMT_CSIN_TO_FLBOMHDR	CSIN		/UGI/_S_U1_PP_FLBOMHDR	
/UGI/MDG_SMT_CSIN_TO_FLMITEM	CSIN		/UGI/_S_U1_PP_FLBOMITEM	
/UGI/MDG_SMT_STKOB_TO_FLHDR	STKOB		/UGI/_S_U1_PP_FLBOMHDR	
/UGI/MDG_SMT_STPOB_TO_FLBOMITM	STPU_API01		/UGI/_S_U1_PP_FLBOMSBIT	
/UGI/MDG_SMT_STPOB_TO_FLMITEM	STPOB		/UGI/_S_U1_PP_FLBOMITEM	

3. Add a mapping step -Assign Source Structure STKO, Assign Target Structure /UGI/_S_U1_PP_FLBOMHDR.

Field Mapping

Add Remove

*FIELD	Source Structure	Source Field	Fixed Value	Conversion Class	Reference Type	Field type	Data Type	Number of Characters	Decimal Places	Description
STNUM	STKOB	STLNR			<input type="checkbox"/>	STNUM	CHAR	8		Bill of material
VALIDF...	STKOB	DATUV			<input type="checkbox"/>	DATUV	DATS	8		Valid-From Date
WERKS	STKOB	WRKAN			<input type="checkbox"/>	WERKS_D	CHAR	4		Plant
ZZNAME1	STKOB	ZZNAME1			<input type="checkbox"/>	XUNAME1	CHAR	30		Name of user within the company
ZZTELNR	STKOB	ZZTELNR			<input type="checkbox"/>	XUTELNR	CHAR	16		Telephone number (work)

4. Save your changes.

Equipment BOM

1. Extend mapping /UGI/MDG_SMT_EQBOM_ECC2MDG_MAP

No Messages

Save Close Edit Copy Delete Mapping External

Mapping

* Name: /UGI/MDG_SMT_EQBOM_ECC2MDG_MAP

Description:

Package:

Multiple Co

Select Mapping

* Name: /UGI/MDG_SMT_EQBOM_ECC2MDG_MAP

OK Cancel

2. Select mapping step and choose the “Details” button. Map the fields as shown in the following screen.

Display Mapping: /UGI/MDG_SMT_EQBOM_ECC2MDG_MAP

No Messages

Save Close Edit Copy Delete Mapping External

Mapping

* Name: /UGI/MDG_SMT_EQBOM_ECC2MDG_MAP

Description: SMT Mapping for WBS BOM from ECC to MDG

Package Group: /UGI/EAM

Multiple Contexts: ☐

Mapping Steps

Details Add Remove Copy Import Change Structure Keys Additional Input Structures Assign Service Inform

*Mapping Step	*Source Structure	Change Structure	*Target Structure
/UGI/MDG_SMT_CSIN_TO_EQBOMHDR	CSIN		/UGI/_S_U1_PP_EQBOMHDR
/UGI/MDG_SMT_CSIN_TO_EQMITEM	CSIN		/UGI/_S_U1_PP_EBOMITEM
/UGI/MDG_SMT_STKOB_TO_EQHDR	STKOB		/UGI/_S_U1_PP_EQBOMHDR
/UGI/MDG_SMT_STPOB_TO_EQMITEM	STPOB		/UGI/_S_U1_PP_EBOMITEM
/UGI/MDG_SMT_STPUB_2_EQBOMSBIT	STPU_API01		/UGI/_S_U1_PP_EQBOMSBIT

3. Add a mapping step -Assign Source Structure STKO, Assign Target Structure /UGI/_S_U1_PP_EQBOMHDR.

Field Mapping

Add Remove

*FIELD	Source Structure	Source Field	Fixed Value	Conversion Class	Reference Type	Field type	Data Type	Number of Characters	Decimal Places	Description
STNUM	STKOB	STLNR			<input type="checkbox"/>	STNUM	CHAR	8		Bill of material
VALIDF...	STKOB	DATUV			<input type="checkbox"/>	DATUV	DATS	8		Valid-From Date
WERKS	STKOB	WRKAN			<input type="checkbox"/>	WERKS_D	CHAR	4		Plant
ZZNAME1	STKOB	ZZNAME1			<input type="checkbox"/>	XUNAME1	CHAR	30		Name of user within the company
ZZTELNR	STKOB	ZZTELNR			<input type="checkbox"/>	XUTELNR	CHAR	16		Telephone number (work)

4. Save your changes.

WBS BOM

1. Extend mapping /UGI/MDG_SMT_WSBOM_ECC2MDG_MAP.

No Messages

Save Close Edit Copy Delete Mapping External

Select Mapping

* Name: /UGI/MDG_SMT_WSBOM_ECC2MDG_MAP

OK Cancel

2. Select mapping step and choose the “Details” button. Map the fields as shown in the following screen.

Mapping

* Name: /UGI/MDG_SMT_WSBOM_ECC2MDG_MAP

Description: SMT Mapping for WBS BOM from ECC to MDG

Package Group: /UGI/EAM

Multiple Contexts: ☐

Mapping Steps

Details	Add	Remove	Copy	Import	Change Structure Keys	Additional Input Structures	Assign Service Information
*Mapping Step	*Source Structure	Change Structure	*Target Structure				
/UGI/MDG_SMT_CSIN_TO_STAGE	CSIN		/UGI/_S_U1_PP_WSBOMHDR				
/UGI/MDG_SMT_CSIN_TO_STAG_ITEM	CSIN		/UGI/_S_U1_PP_WSBOMITEM				
/UGI/MDG_SMT_STKOB_TO_STAGE	STKOB		/UGI/_S_U1_PP_WSBOMHDR				
/UGI/MDG_SMT_STPOB_TO_STAGING	STPOB		/UGI/_S_U1_PP_WSBOMITEM				
/UGI/MDG_SMT_STPUB_TO_STAGE	STPU_API01		/UGI/_S_U1_PP_WSBOMSBIT				

3. Add a mapping step - Assign Source Structure STKO, Assign Target Structure /UGI/_S_U1_PP_WSBOMHDR.

Field Mapping

Add Remove

*FIELD	Source Structure	Source Field	Fixed Value	Conversion Class	Reference Type	Field type	Data Type	Number of Characters	Decimal Places	Description
STNUM	STKOB	STLNR			<input type="checkbox"/>	STNUM	CHAR	8		Bill of material
VALIDF...	STKOB	DATUV			<input type="checkbox"/>	DATUV	DATS	8		Valid-From Date
WERKS	STKOB	WRKAN			<input type="checkbox"/>	WERKS_D	CHAR	4		Plant
ZZNAME1	STKOB	ZZNAME1			<input type="checkbox"/>	XUNAME1	CHAR	30		Name of user within the company
ZZTELNR	STKOB	ZZTELNR			<input type="checkbox"/>	XUTELNR	CHAR	16		Telephone number (work)

4. Save your changes.

SMT Mapping: Staging to Primary Persistence

Use the following steps for SMT Mapping from Staging Area to Primary Persistence.

Material BOM

1. Extend mapping /UGI/MDG_SMT_MRO_MDG2ECC_MAP.

Mapping

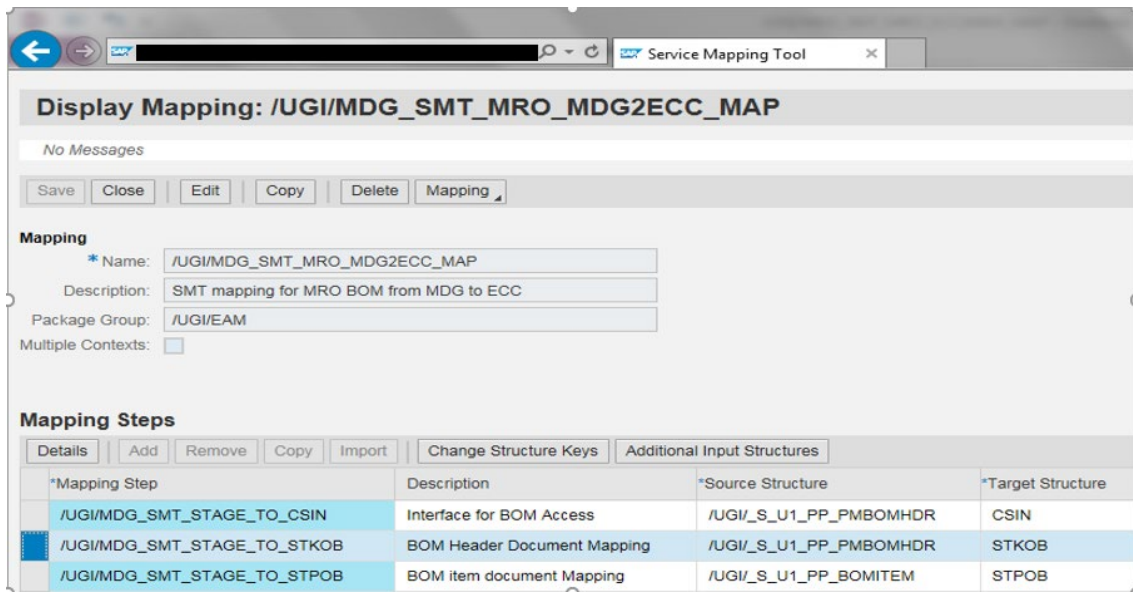
* Name: /UGI/MDG_SMT_MRO_MDG2ECC_MAP

Description: SMT mapping for MRO BOM from MDG to ECC

Package Group: /UGI/EAM

Multiple Contexts: ☐

2. Select mapping step /UGI/MDG_SMT_STAGE_TO_STKOB and choose the “Details” button. Map the fields as displayed in the next screen.



Display Mapping: /UGI/MDG_SMT_MRO_MDG2ECC_MAP

No Messages

Save Close Edit Copy Delete Mapping

Mapping

* Name: /UGI/MDG_SMT_MRO_MDG2ECC_MAP

Description: SMT mapping for MRO BOM from MDG to ECC

Package Group: /UGI/EAM

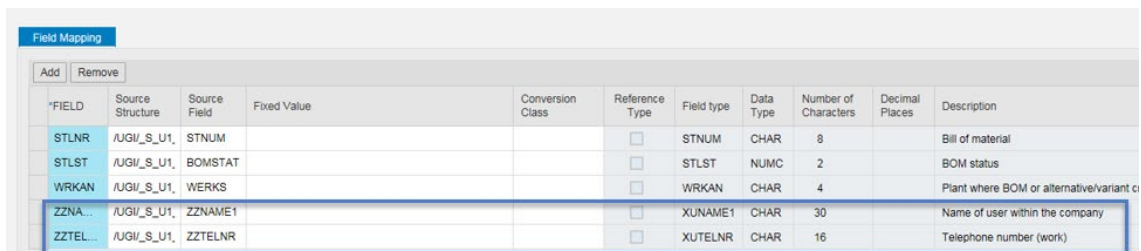
Multiple Contexts: ☐

Mapping Steps

Details Add Remove Copy Import Change Structure Keys Additional Input Structures

*Mapping Step	Description	*Source Structure	*Target Structure
/UGI/MDG_SMT_STAGE_TO_CSIN	Interface for BOM Access	/UGI/_S_U1_PP_PMBOMHDR	CSIN
/UGI/MDG_SMT_STAGE_TO_STKOB	BOM Header Document Mapping	/UGI/_S_U1_PP_PMBOMHDR	STKOB
/UGI/MDG_SMT_STAGE_TO_STPOB	BOM item document Mapping	/UGI/_S_U1_PP_BOMITEM	STPOB

3. Map fields as displayed in screen.

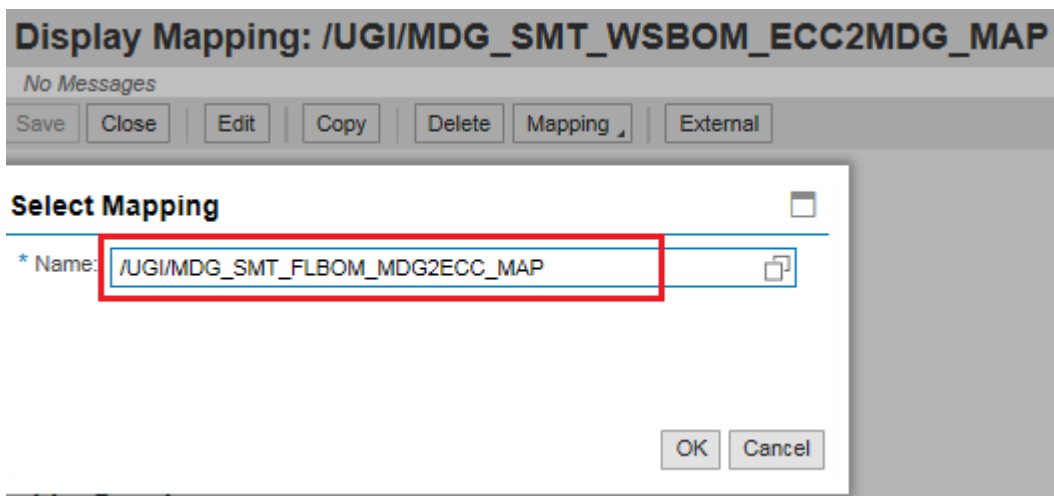


*FIELD	Source Structure	Source Field	Fixed Value	Conversion Class	Reference Type	Field type	Data Type	Number of Characters	Decimal Places	Description
STLNR	/UGI/_S_U1	STNUM			<input type="checkbox"/>	STNUM	CHAR	8		Bill of material
STLST	/UGI/_S_U1	BOMSTAT			<input type="checkbox"/>	STLST	NUMC	2		BOM status
WRKAN	/UGI/_S_U1	WERKS			<input type="checkbox"/>	WRKAN	CHAR	4		Plant where BOM or alternative/variant c
ZZNA...	/UGI/_S_U1	ZZNAME1			<input type="checkbox"/>	XUNAME1	CHAR	30		Name of user within the company
ZZTEL...	/UGI/_S_U1	ZZTELNR			<input type="checkbox"/>	XUTELNR	CHAR	16		Telephone number (work)

4. Save your changes.

Functional Location BOM

1. Extend mapping /UGI/MDG_SMT_FLBOM_MDG2ECC_MAP.



Display Mapping: /UGI/MDG_SMT_WSBOM_ECC2MDG_MAP

No Messages

Save Close Edit Copy Delete Mapping External

Select Mapping

* Name: /UGI/MDG_SMT_FLBOM_MDG2ECC_MAP

OK Cancel

2. Select mapping step /UGI/MDG_SMT_FLBOMHDR_TO_STKOB and choose the “Details” button. Map the fields as displayed in the next screen.

Mapping

* Name: /UGI/MDG_SMT_FLBOM_MDG2ECC_MAP

Description: SMT mapping for FLOC BOM from MDG to ECC

Package Group: /UGI/EAM

Multiple Contexts: ☐

Mapping Steps

Details Add Remove Copy Import Change Structure Keys Additional Input Structures Assign Service Information

*Mapping Step	*Source Structure	Change Structure	*Target Structure
/UGI/MDG_SMT_FLBOMHDR_TO_CSIN	/UGI/_S_U1_PP_FLBOMHDR		CSIN
/UGI/MDG_SMT_FLBOMHDR_TO_STKOB	/UGI/_S_U1_PP_FLBOMHDR		STKOB
/UGI/MDG_SMT_FLBOMHDR_TO_STZUB	/UGI/_S_U1_PP_FLBOMHDR		STZUB
/UGI/MDG_SMT_FLBOMITM_TO_STPOB	/UGI/_S_U1_PP_FLBOMITEM		STPOB
/UGI/MDG_SMT_FLBOMITM_TO_STPUB	/UGI/_S_U1_PP_FLBOMSBIT		STPU_API01

3. Map fields as displayed in screen.

Field Mapping

Add Remove

*FIELD	Source Structure	Source Field	Fixed Value	Conversion Class	Reference Type	Field type	Data Type	Number of Characters	Decimal Places	Description
STLNR	/UGI/_S_U1	STNUM			<input type="checkbox"/>	STNUM	CHAR	8		Bill of material
STLST	/UGI/_S_U1	BOMSTAT			<input type="checkbox"/>	STLST	NUMC	2		BOM status
WRKAN	/UGI/_S_U1	WERKS			<input type="checkbox"/>	WRKAN	CHAR	4		Plant where BOM or alternative/variant c
ZZNA...	/UGI/_S_U1	ZZNAME1			<input type="checkbox"/>	XUNAME1	CHAR	30		Name of user within the company
ZZTEL...	/UGI/_S_U1	ZZTELNR			<input type="checkbox"/>	XUTELNR	CHAR	16		Telephone number (work)

4. Save your changes.

Equipment BOM

1. Extend mapping /UGI/MDG_SMT_EQBOM_MDG2ECC_MAP.

Mapping

* Name: /UGI/MDG_SMT_EQBOM_MDG2ECC_MAP

Description: SMT mapping for WBS BOM from MDG to ECC

Package Group: /UGI/EAM

Multiple Contexts: ☐

2. Select mapping step /UGI/MDG_SMT_EQBOMHDR_TO_STKOB and choose the “Details” button. Map the fields as displayed in the following screen.

Display Mapping: /UGI/MDG_SMT_EQBOM_MDG2ECC_MAP

No Messages

Save Close Edit Copy Delete Mapping External

Mapping

* Name: /UGI/MDG_SMT_EQBOM_MDG2ECC_MAP

Description: SMT mapping for WBS BOM from MDG to ECC

Package Group: /UGI/EAM

Multiple Contexts: ☐

Mapping Steps

Details Add Remove Copy Import Change Structure Keys Additional Input Structures Assign Service Inform

*Mapping Step	*Source Structure	Change Structure	*Target Structure
/UGI/MDG_SMT_EQBOMHDR_TO_CSIN	/UGI/_S_U1_PP_EQBOMHDR		CSIN
/UGI/MDG_SMT_EQBOMHDR_TO_STKOB	/UGI/_S_U1_PP_EQBOMHDR		STKOB
/UGI/MDG_SMT_EQBOMHDR_TO_STZUB	/UGI/_S_U1_PP_EQBOMHDR		STZUB
/UGI/MDG_SMT_EQBOMITM_TO_STPOB	/UGI/_S_U1_PP_EBOMITEM		STPOB

- Map fields as displayed in screen.

Field Mapping

Add Remove

*FIELD	Source Structure	Source Field	Fixed Value	Conversion Class	Reference Type	Field type	Data Type	Number of Characters	Decimal Places	Description
STLNR	/UGI/_S_U1	STNUM			<input type="checkbox"/>	STNUM	CHAR	8		Bill of material
STLST	/UGI/_S_U1	BOMSTAT			<input type="checkbox"/>	STLST	NUMC	2		BOM status
WRKAN	/UGI/_S_U1	WERKS			<input type="checkbox"/>	WRKAN	CHAR	4		Plant where BOM or alternative/variant c
ZZNA...	/UGI/_S_U1	ZZNAME1			<input type="checkbox"/>	XUNAME1	CHAR	30		Name of user within the company
ZZTEL...	/UGI/_S_U1	ZZTELNR			<input type="checkbox"/>	XUTELNR	CHAR	16		Telephone number (work)

- Save your changes.

WBS BOM

- Extend mapping /UGI/MDG_SMT_WSBOM_MDG2ECC_MAP.

Mapping

* Name: /UGI/MDG_SMT_WSBOM_MDG2ECC_MAP

Description: SMT mapping for WBS BOM from MDG to ECC

Package Group: /UGI/EAM

Multiple Contexts: ☐

- Select mapping step /UGI/MDG_SMT_STAGE_TO_STKOB and choose the “Details” button. Map the fields as displayed in the following screen.

Display Mapping: /UGI/MDG_SMT_WSBOM_MDG2ECC_MAP

No Messages

Mapping

* Name: /UGI/MDG_SMT_WSBOM_MDG2ECC_MAP

Description: SMT mapping for WBS BOM from MDG to ECC

Package Group: /UGI/EAM

Multiple Contexts: ☐

Mapping Steps

*Mapping Step	*Source Structure	Change Structure	*Target Structure
/UGI/MDG_SMT_STAGE_TO_CSIN	/UGI/_S_U1_PP_WBSBOMHDR		CSIN
/UGI/MDG_SMT_STAGE_TO_STKOB	/UGI/_S_U1_PP_WBSBOMHDR		STKOB
/UGI/MDG_SMT_STAGE_TO_STPUB	/UGI/_S_U1_PP_WBSBOMSBIT		STPU_API01
/UGI/MDG_SMT_STAGE_TO_STZUB	/UGI/_S_U1_PP_WBSBOMHDR		STZUB
/UGI/MDG_SMT_STG_TO_STPOB	/UGI/_S_U1_PP_WSBOMITEM		STPOB

3. Map fields as displayed in screen.

Field Mapping											
*FIELD	Source Structure	Source Field	Fixed Value	Conversion Class	Reference Type	Field type	Data Type	Number of Characters	Decimal Places	Description	
STLNR	/UGI/_S_U1	STNUM			<input type="checkbox"/>	STNUM	CHAR	8		Bill of material	
STLST	/UGI/_S_U1	BOMSTAT			<input type="checkbox"/>	STLST	NUMC	2		BOM status	
WRKAN	/UGI/_S_U1	WERKS			<input type="checkbox"/>	WRKAN	CHAR	4		Plant where BOM or alternative/variant c	
ZZNA...	/UGI/_S_U1	ZZNAME1			<input type="checkbox"/>	XUNAME1	CHAR	30		Name of user within the company	
ZZTEL...	/UGI/_S_U1	ZZTELNR			<input type="checkbox"/>	XUTELNR	CHAR	16		Telephone number (work)	

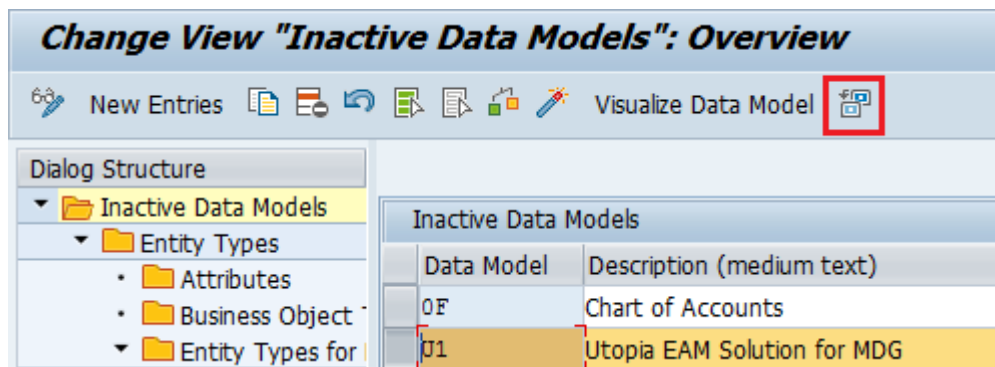
4. Save your changes.

Adjust Staging Area of Linked Change Requests

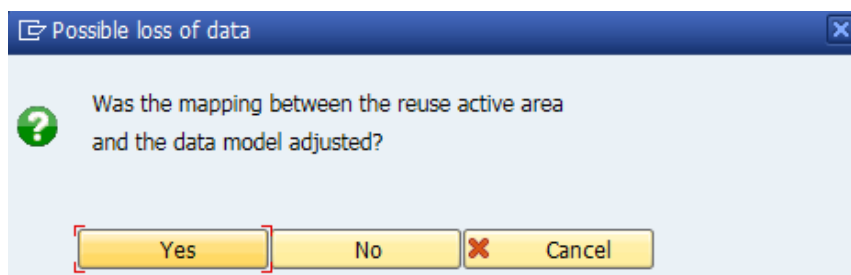
Note

This step is necessary to adjust any open Change Requests after you have changed the Data Model.

1. Start Customizing for Master Data Governance (transaction MDGIMG).
Go to > General Settings > Data Modeling > Edit Data Model> Select Data Model U1 > Double-Click on Entity Types > Choose the “Adjust staging area of linked Change Requests” button.



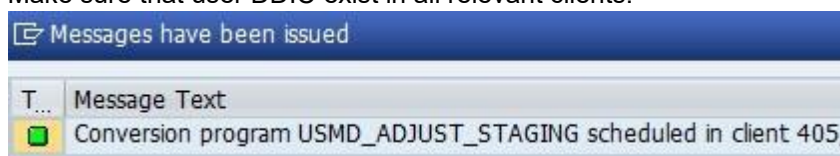
2. Choose the “Yes” button.



The following message appears.

Note

Make sure that user DDIC exist in all relevant clients.

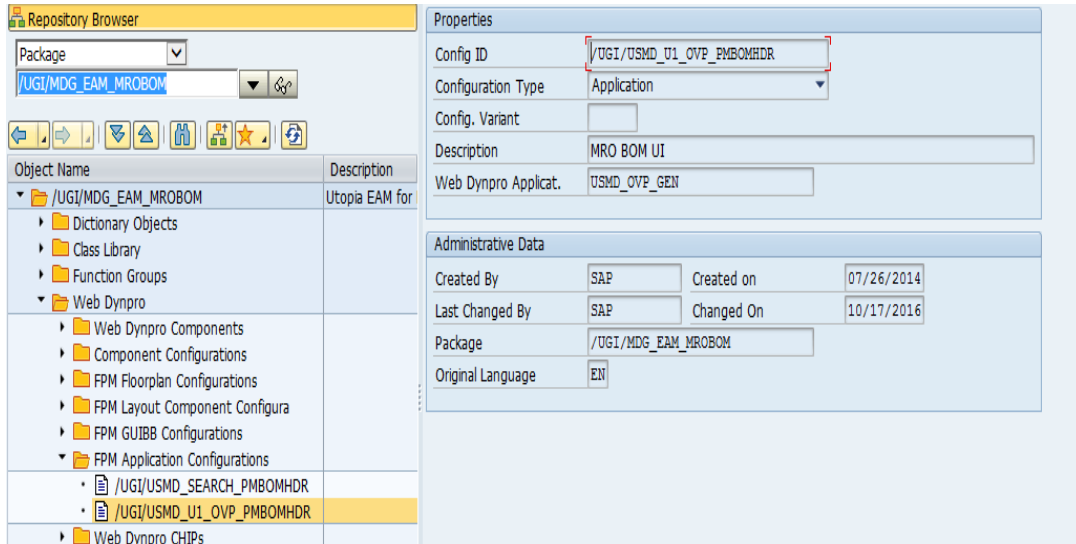


Extend UI Configuration

Use the following steps to add customization to UI.

Material BOM

1. Start t-code SE80 > From the drop-down list, select Package > In the input field, enter /UGI/MDG_EAM_MROBOM > Navigate to Web Dynpro > FPM Application Configurations>/UGI/USMD_U1_OVP_PMBOMHDR.

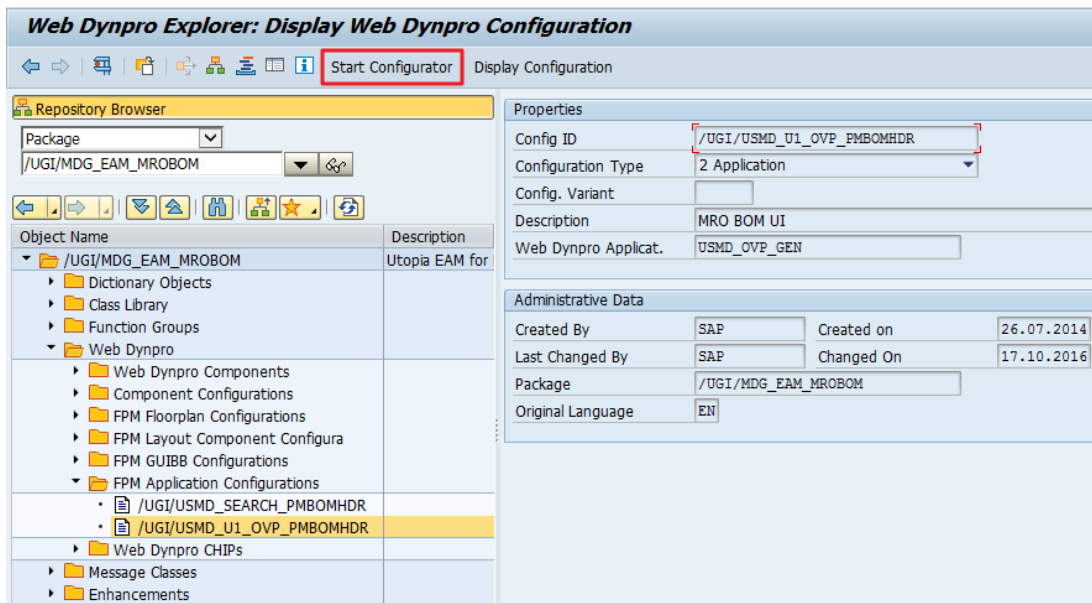


Repository Browser	
Package	/UGI/MDG_EAM_MROBOM
Object Name	Description
/UGI/MDG_EAM_MROBOM	Utopia EAM for
Dictionary Objects	
Class Library	
Function Groups	
Web Dynpro	
Web Dynpro Components	
Component Configurations	
FPM Floorplan Configurations	
FPM Layout Component Configura	
FPM GUIBB Configurations	
FPM Application Configurations	
/UGI/USMD_SEARCH_PMBOMHDR	
/UGI/USMD_U1_OVP_PMBOMHDR	
Web Dynpro CHIPs	

Properties	
Config ID	/UGI/USMD_U1_OVP_PMBOMHDR
Configuration Type	Application
Config. Variant	
Description	MRO BOM UI
Web Dynpro Applcat.	USMD_OVP_GEN

Administrative Data			
Created By	SAP	Created on	07/26/2014
Last Changed By	SAP	Changed On	10/17/2016
Package	/UGI/MDG_EAM_MROBOM		
Original Language	EN		

- Click the “Start Configurator” button.



Web Dynpro Explorer: Display Web Dynpro Configuration

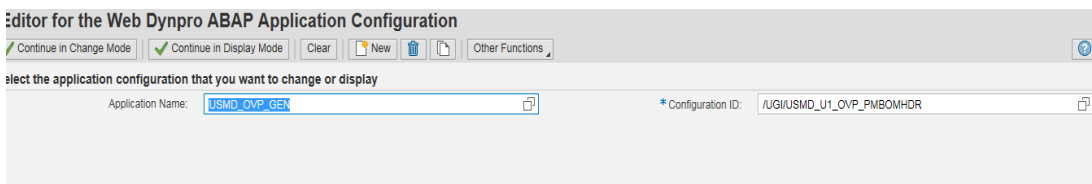
Start Configurator Display Configuration

Repository Browser	
Package	/UGI/MDG_EAM_MROBOM
Object Name	Description
/UGI/MDG_EAM_MROBOM	Utopia EAM for
Dictionary Objects	
Class Library	
Function Groups	
Web Dynpro	
Web Dynpro Components	
Component Configurations	
FPM Floorplan Configurations	
FPM Layout Component Configura	
FPM GUIBB Configurations	
FPM Application Configurations	
/UGI/USMD_SEARCH_PMBOMHDR	
/UGI/USMD_U1_OVP_PMBOMHDR	
Web Dynpro CHIPs	
Message Classes	
Enhancements	

Properties	
Config ID	/UGI/USMD_U1_OVP_PMBOMHDR
Configuration Type	2 Application
Config. Variant	
Description	MRO BOM UI
Web Dynpro Applcat.	USMD_OVP_GEN

Administrative Data			
Created By	SAP	Created on	26.07.2014
Last Changed By	SAP	Changed On	17.10.2016
Package	/UGI/MDG_EAM_MROBOM		
Original Language	EN		

- In the web browser, click on “Continue in Display Mode”.




Editor for the Web Dynpro ABAP Application Configuration

Continue in Change Mode Continue in Display Mode Clear New Other Functions

Select the application configuration that you want to change or display

Application Name: USMD_OVP_GEN Configuration ID: /UGI/USMD_U1_OVP_PMBOMHDR

- Click on the configuration /UGI/USMD_U1_OVP_PMBOMHDR.



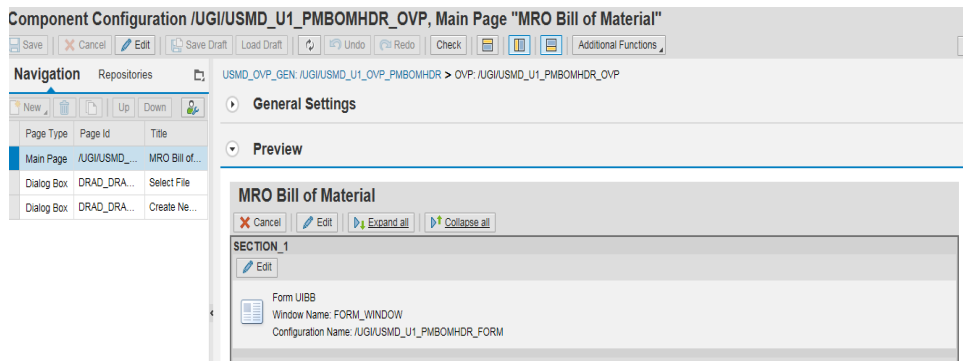
Editor for the Web Dynpro ABAP Application Configuration

Continue in Change Mode Continue in Display Mode Clear New Other Functions

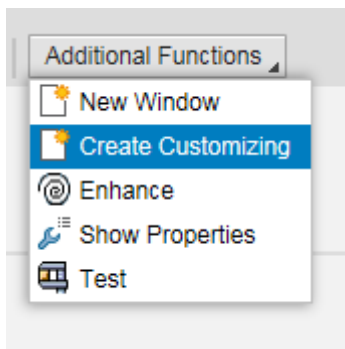
Select the application configuration that you want to change or display

Application Name: USMD_OVP_GEN Configuration ID: /UGI/USMD_U1_OVP_PMBOMHDR

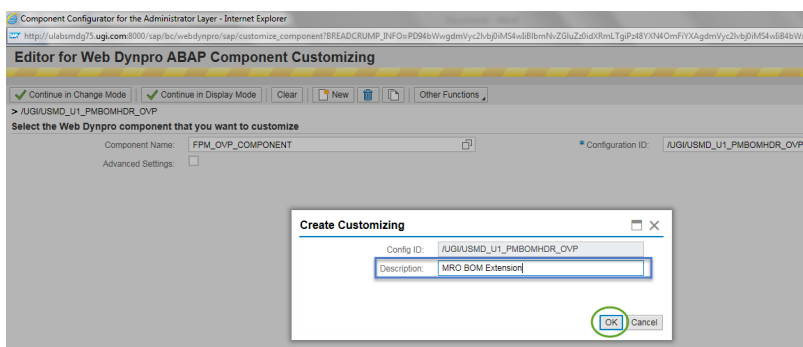
- Select the UIBB where you want to add new attributes and click on Configure UIBB.



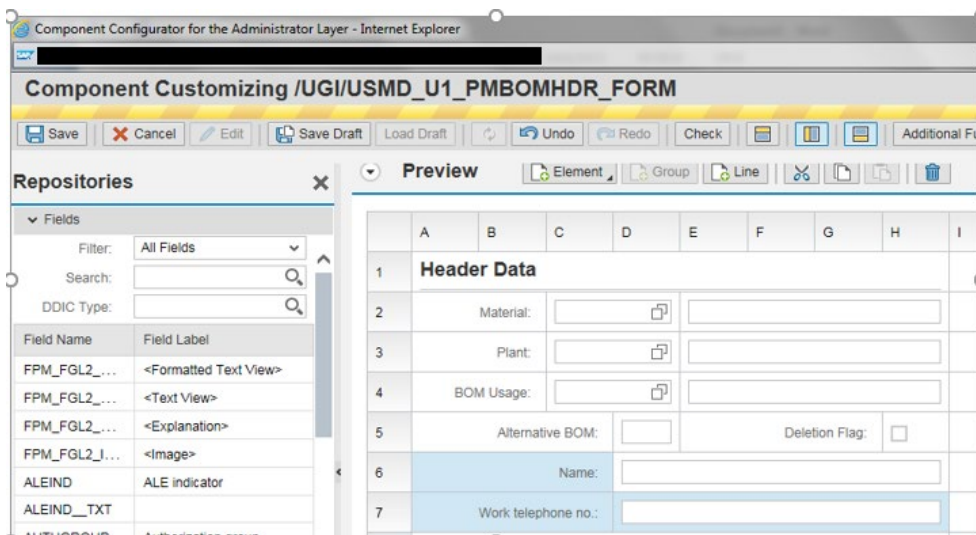
6. Click on Additional Functions > Create Customizing.



7. Click on OK.



8. Change your UI. Add new fields that we added in entity PMBOMHDR.



Functional BOM

1. Start t-code SE80 > From the drop-down, select Package > In the input field, enter /UGI/MDG_EAM_BOM > Navigate to Web Dynpro > FPM Application Configurations>/UGI/USMD_U1_OVP_FLBOMHDR.

Web Dynpro Explorer: Display Web Dynpro Configuration

Start Configurator Display Configuration

Repository Browser

Package: /UGI/MDG_EAM_BOM

Object Name: /UGI/MDG_EAM_BOM

Description: Utopia EAM for

- Dictionary Objects
- Class Library
- Web Dynpro
 - Web Dynpro Components
 - Component Configurations
 - FPM Floorplan Configurations
 - FPM Adaptable Configurations
 - FPM Layout Component Configura
 - FPM GUIBB Configurations
 - FPM Application Configurations
 - /UGI/USMD_SEARCH_BOM
 - /UGI/USMD_SEARCH_EQBOMHDR
 - /UGI/USMD_SEARCH_FLBOMHDR
 - /UGI/USMD_SEARCH_WBSBOMHDR
 - /UGI/USMD_U1_OVP_EQBOMHDR
 - /UGI/USMD_U1_OVP_FLBOMHDR**
 - /UGI/USMD_U1_OVP_WBSBOMHDR

Properties

Config ID: /UGI/USMD_U1_OVP_FLBOMHDR

Configuration Type: 2 Application

Config. Variant:

Description: Floc BOM UI

Web Dynpro Applicat.: USMD_OVP_GEN

Administrative Data

Created By: SKOTAPATI Created on: 05.01.2018

Last Changed By: DYADLAPALLI Changed On: 02.03.2018

Package: /UGI/MDG_EAM_BOM

Original Language: EN

2. Click the “Start Configurator” button.

Web Dynpro Explorer: Display Web Dynpro Configuration

Start Configurator Display Configuration

Repository Browser

Package: /UGI/MDG_EAM_BOM

Object Name: /UGI/MDG_EAM_BOM

Description: Utopia EAM for

- Dictionary Objects
- Class Library
- Web Dynpro
 - Web Dynpro Components
 - Component Configurations
 - FPM Floorplan Configurations
 - FPM Adaptable Configurations
 - FPM Layout Component Configura
 - FPM GUIBB Configurations
 - FPM Application Configurations
 - /UGI/USMD_SEARCH_BOM
 - /UGI/USMD_SEARCH_EQBOMHDR
 - /UGI/USMD_SEARCH_FLBOMHDR
 - /UGI/USMD_SEARCH_WBSBOMHDR
 - /UGI/USMD_U1_OVP_EQBOMHDR
 - /UGI/USMD_U1_OVP_FLBOMHDR**
 - /UGI/USMD_U1_OVP_WBSBOMHDR

Properties

Config ID: /UGI/USMD_U1_OVP_FLBOMHDR

Configuration Type: 2 Application

Config. Variant:

Description: Floc BOM UI

Web Dynpro Applicat.: USMD_OVP_GEN

Administrative Data

Created By: SKOTAPATI Created on: 05.01.2018

Last Changed By: DYADLAPALLI Changed On: 02.03.2018

Package: /UGI/MDG_EAM_BOM

Original Language: EN

3. In the web browser, click on “Continue in Display Mode”.

Editor for the Web Dynpro ABAP Application Configuration

Continue in Change Mode Continue in Display Mode Clear New Other Functions

Select the application configuration that you want to change or display

Application Name: USMD_OVP_GEN * Configuration ID: /UGI/USMD_U1_OVP_PMBOMHDR

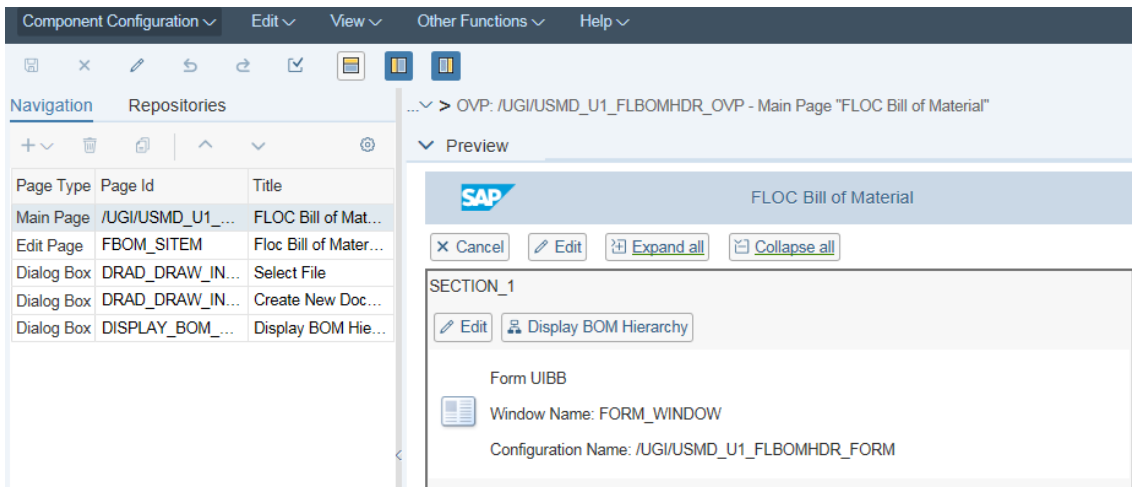
- Click on the configuration /UGI/USMD_U1_OVP_FLBOMHDR.

Application Configuration

Application Name:

* Configuration ID:

- Select the UIBB where you want to add new attributes and click on Configure UIBB.



The screenshot shows the SAP Component Configuration Workbench interface. The left pane displays a table of repositories with columns for Page Type, Page Id, and Title. The right pane shows the configuration of a specific UIBB (Form UIBB) for the configuration /UGI/USMD_U1_OVP_FLBOMHDR.

Page Type	Page Id	Title
Main Page	/UGI/USMD_U1_...	FLOC Bill of Mat...
Edit Page	FBOM_SITEM	Floc Bill of Mater...
Dialog Box	DRAD_DRAW_IN...	Select File
Dialog Box	DRAD_DRAW_IN...	Create New Doc...
Dialog Box	DISPLAY_BOM_...	Display BOM Hie...

Preview: FLOC Bill of Material

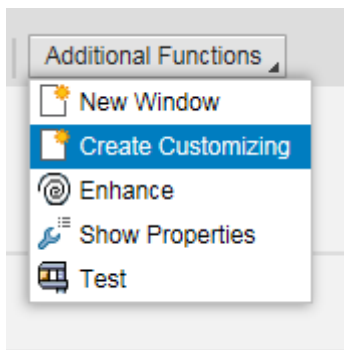
SECTION_1

Form UIBB

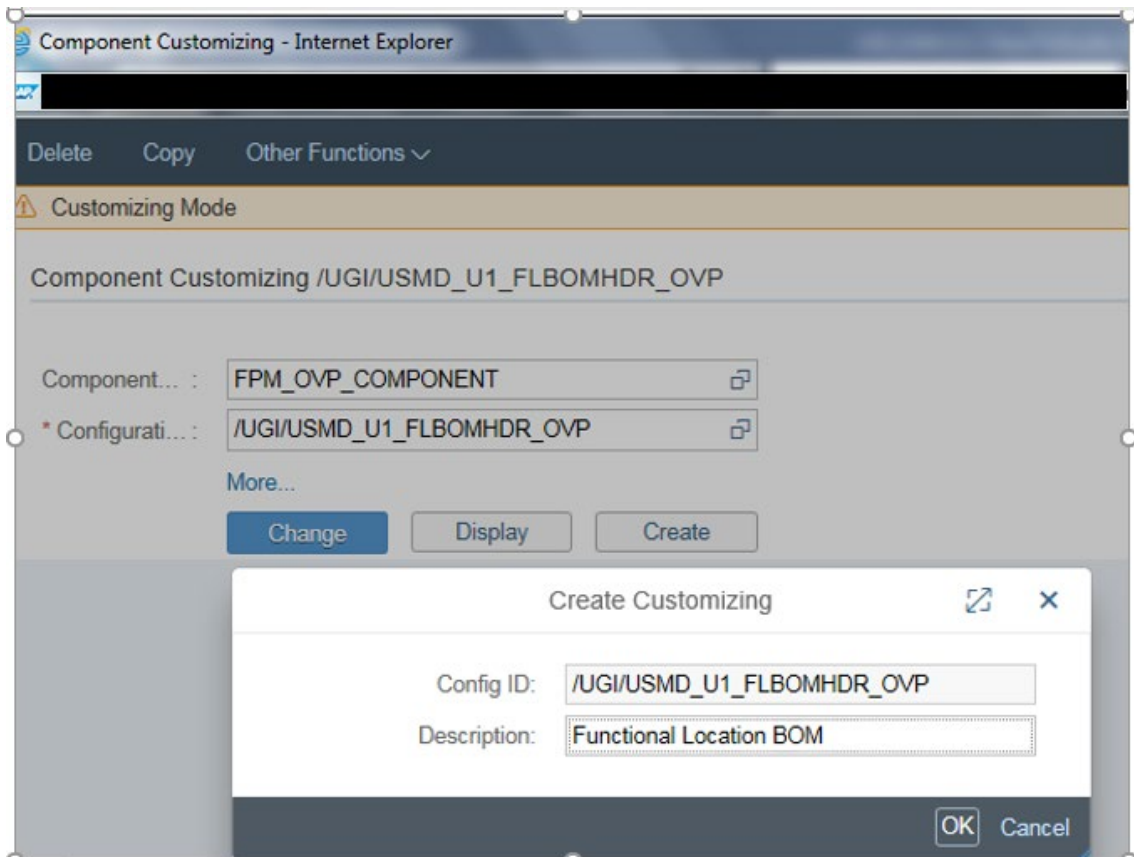
Window Name: FORM_WINDOW

Configuration Name: /UGI/USMD_U1_FLBOMHDR_FORM

- Click on Additional Functions > Create Customizing.

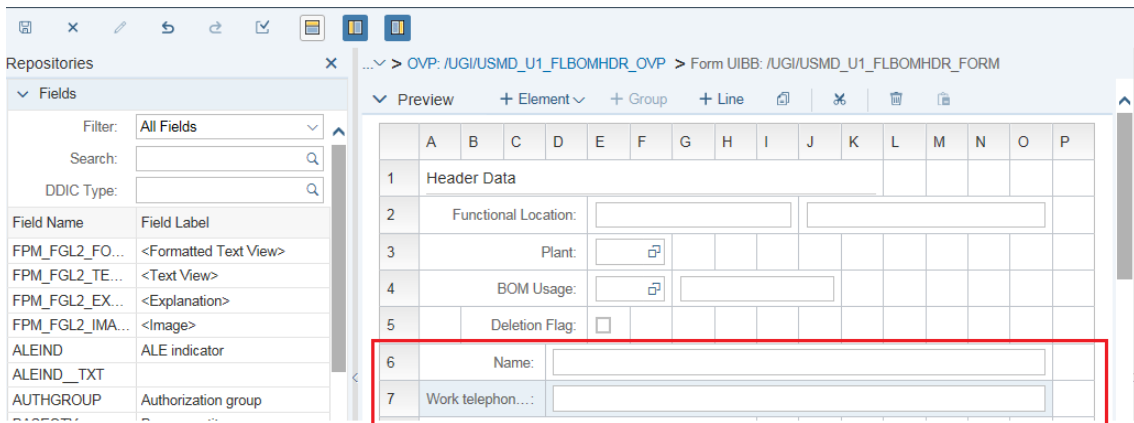


- Click on OK.



The screenshot shows the 'Component Customizing - Internet Explorer' window. The main area displays 'Customizing Mode' for 'Component Customizing /UGI/USMD_U1_FLBOMHDR_OVP'. Below this, there are two input fields: 'Component...' with the value 'FPM_OVP_COMPONENT' and '* Configurati...' with the value '/UGI/USMD_U1_FLBOMHDR_OVP'. Below these fields are three buttons: 'Change', 'Display', and 'Create'. A 'More...' link is also present. A 'Create Customizing' dialog box is open in the foreground, showing 'Config ID: /UGI/USMD_U1_FLBOMHDR_OVP' and 'Description: Functional Location BOM'. The dialog has 'OK' and 'Cancel' buttons at the bottom right.

8. Change your UI. Add new fields that is added in entity FLBOMHDR.



The screenshot shows the SAP Repository Explorer. On the left, the 'Fields' list is displayed with a filter set to 'All Fields'. The list includes fields like 'FPM_FGL2_FO...', 'FPM_FGL2_TE...', 'FPM_FGL2_EX...', 'FPM_FGL2_IMA...', 'ALEIND', 'ALEIND__TXT', and 'AUTHGROUP'. On the right, the 'Preview' of the 'Form UIBB: /UGI/USMD_U1_FLBOMHDR_FORM' is shown. The preview displays a table with columns A through P. The table contains data for 'Header Data', 'Functional Location', 'Plant', 'BOM Usage', 'Deletion Flag', 'Name', and 'Work telephon...'. The 'Name' and 'Work telephon...' rows are highlighted with a red border.

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Header Data															
2	Functional Location: <input type="text"/>															
3	Plant: <input type="text"/>															
4	BOM Usage: <input type="text"/>															
5	Deletion Flag: <input type="checkbox"/>															
6	Name: <input type="text"/>															
7	Work telephon...: <input type="text"/>															

Equipment BOM

1. Start t-code SE80 > from the drop down, select Package > In the input field enter /UGI/MDG_EAM_BOM > Navigate to Web Dynpro > FPM Application Configurations > /UGI/USMD_U1_OVP_EQBOMHDR.

Web Dynpro Explorer: Display Web Dynpro Configuration

Start Configurator Display Configuration

Repository Browser

Package: /UGI/MDG_EAM_BOM

Object Name	Description
/UGI/MDG_EAM_BOM	Utopia EAM for
Dictionary Objects	
Class Library	
Web Dynpro	
Web Dynpro Components	
Component Configurations	
FPM Floorplan Configurations	
FPM Adaptable Configurations	
FPM Layout Component Configura	
FPM GUIBB Configurations	
FPM Application Configurations	
/UGI/USMD_SEARCH_BOM	
/UGI/USMD_SEARCH_EQBOMHDR	
/UGI/USMD_SEARCH_FLBOMHDR	
/UGI/USMD_SEARCH_WBSBOMHDR	
/UGI/USMD_U1_OVP_EQBOMHDR	
/UGI/USMD_U1_OVP_FLBOMHDR	
/UGI/USMD_U1_OVP_WBSBOMHDR	

Properties

Config ID: /UGI/USMD_U1_OVP_EQBOMHDR

Configuration Type: 2 Application

Config. Variant:

Description: Equipment BOM UI

Web Dynpro Applicat.: USMD_OVP_GEN

Administrative Data

Created By: RCHILAKALAPU Created on:

Last Changed By: RCHILAKALAPU Changed On:

Package: /UGI/MDG_EAM_BOM

Original Language: EN

2. Click the “Start Configurator” button.

Web Dynpro Explorer: Display Web Dynpro Configuration

Start Configurator Display Configuration

Repository Browser

Package: /UGI/MDG_EAM_BOM

Object Name	Description
/UGI/MDG_EAM_BOM	Utopia EAM for
Dictionary Objects	
Class Library	
Web Dynpro	
Web Dynpro Components	
Component Configurations	
FPM Floorplan Configurations	
FPM Adaptable Configurations	
FPM Layout Component Configura	
FPM GUIBB Configurations	
FPM Application Configurations	
/UGI/USMD_SEARCH_BOM	
/UGI/USMD_SEARCH_EQBOMHDR	
/UGI/USMD_SEARCH_FLBOMHDR	
/UGI/USMD_SEARCH_WBSBOMHDR	
/UGI/USMD_U1_OVP_EQBOMHDR	
/UGI/USMD_U1_OVP_FLBOMHDR	
/UGI/USMD_U1_OVP_WBSBOMHDR	

Properties

Config ID: /UGI/USMD_U1_OVP_EQBOMHDR

Configuration Type: 2 Application

Config. Variant:

Description: Equipment BOM UI

Web Dynpro Applicat.: USMD_OVP_GEN

Administrative Data

Created By: RCHILAKALAPU Created on:

Last Changed By: RCHILAKALAPU Changed On:

Package: /UGI/MDG_EAM_BOM

Original Language: EN

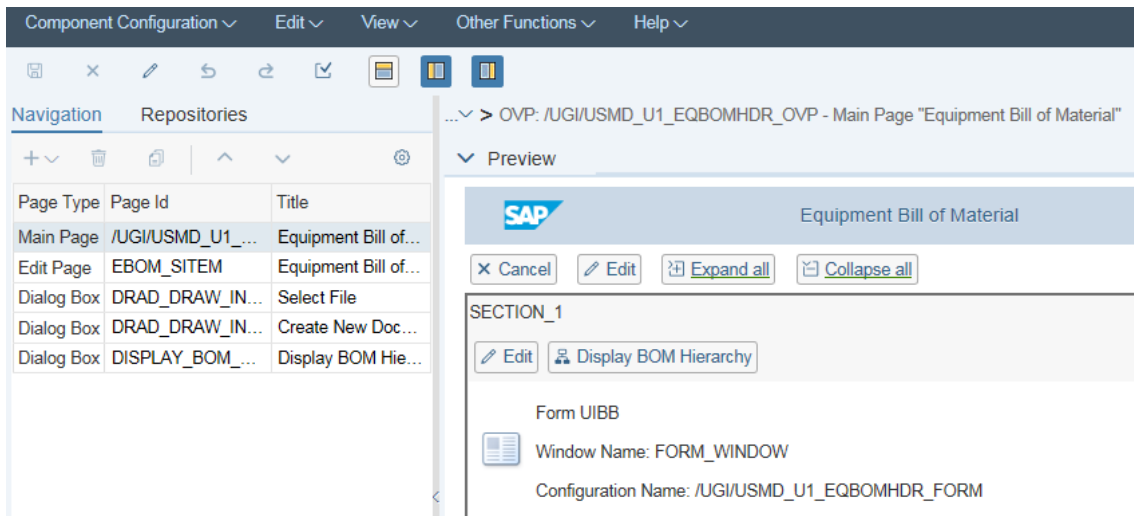
3. In the web browser, click on “Continue in Display Mode”.

Application Configuration

Application Name:

* Configuration ID:

4. Click on the configuration /UGI/USMD_U1_OVP_EQBOMHDR.
5. Select the UIBB where you want to add new attributes and click on Configure UIBB.

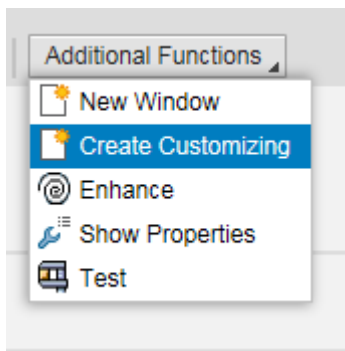


The screenshot shows the SAP Component Configuration tool interface. The left pane displays a table of components:

Page Type	Page Id	Title
Main Page	/UGI/USMD_U1_...	Equipment Bill of...
Edit Page	EBOM_SITEM	Equipment Bill of...
Dialog Box	DRAD_DRAW_IN...	Select File
Dialog Box	DRAD_DRAW_IN...	Create New Doc...
Dialog Box	DISPLAY_BOM_...	Display BOM Hie...

The right pane shows the preview of the 'Equipment Bill of Material' page. It includes a 'SECTION_1' with an 'Edit' button and a 'Display BOM Hierarchy' button. Below this, the 'Form UIBB' section is visible, showing the 'Window Name: FORM_WINDOW' and 'Configuration Name: /UGI/USMD_U1_EQBOMHDR_FORM'.

6. Click on Additional Functions > Create Customizing.



7. Click on OK.

Delete Copy Other Functions ▾

Customizing Mode

Component Customizing /UGI/USMD_U1_EQBOMHDR_OVP

Component... : FPM_OVP_COMPONENT

* Configurati... : /UGI/USMD_U1_EQBOMHDR_OVP

Create Customizing

Config ID: /UGI/USMD_U1_EQBOMHDR_OVP

Description: Equipment BOM

OK Cancel

- Change your UI. Add new fields that is added in entity EQBOMHDR.

Repositories x

Fields

Filter: All Fields

Search:

DDIC Type:

Field Name	Field Label
FPM_FGL2_FO...	<Formatted Text View>
FPM_FGL2_TE...	<Text View>
FPM_FGL2_EX...	<Explanation>
FPM_FGL2_IMA...	<Image>
ALEIND	ALE indicator
ALEIND_TXT	
AUTHGROUP	Authorization group

Preview + Element ▾ + Group + Line

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1	Header Data															
2	Equipment:		<Text View>													
3	Plant:		Field WERKS__TXT is not define													
4	BOM Usage:		<Text View>													
5	Deletion Flag:															
6	Work telephon...															
7	Name:															

WBS BOM

- Start t-code SE80 > From the drop down, select Package > In the input field enter /UGI/MDG_EAM_MROBOM > Navigate to Web Dynpro > FPM Application Configurations > /UGI/USMD_U1_OVP_WBSBOMHDR.

Web Dynpro Explorer: Display Web Dynpro Configuration

Start Configurator Display Configuration

Repository Browser

Package: /UGI/MDG_EAM_BOM

Object Name: /UGI/MDG_EAM_BOM

Description: Utopia EAM for

Web Dynpro

Web Dynpro Components

Component Configurations

FPM Floorplan Configurations

FPM Adaptable Configurations

FPM Layout Component Configura

FPM GUIBB Configurations

FPM Application Configurations

- /UGI/USMD_SEARCH_BOM
- /UGI/USMD_SEARCH_EQBOMHDR
- /UGI/USMD_SEARCH_FLBOMHDR
- /UGI/USMD_SEARCH_WBSBOMHDR
- /UGI/USMD_U1_OVP_EQBOMHDR
- /UGI/USMD_U1_OVP_FLBOMHDR
- /UGI/USMD_U1_OVP_WBSBOMHDR

Properties

Config ID: /UGI/USMD_U1_OVP_WBSBOMHDR

Configuration Type: 2 Application

Config. Variant:

Description: WBS BOM UI

Web Dynpro Applicat.: USMD_OVP_GEN

Administrative Data

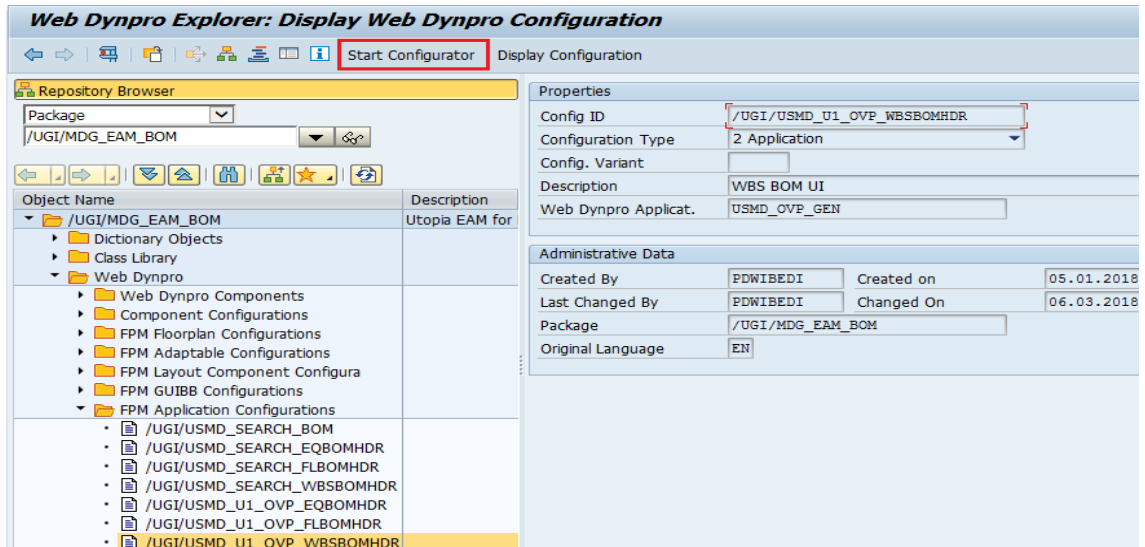
Created By: PDWIBEDI Created on: 05.01.2018

Last Changed By: PDWIBEDI Changed On: 06.03.2018

Package: /UGI/MDG_EAM_BOM

Original Language: EN

- Click the “Start Configurator” button.

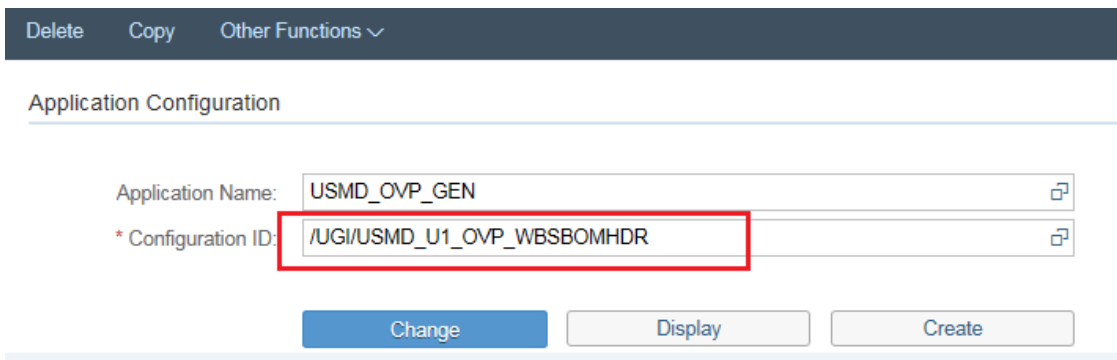


The screenshot shows the 'Web Dynpro Explorer: Display Web Dynpro Configuration' window. The 'Start Configurator' button is highlighted with a red box. The 'Repository Browser' on the left shows a tree structure with the configuration '/UGI/USMD_U1_OVP_WBSBOMHDR' selected. The 'Properties' panel on the right shows the configuration details, including 'Config ID' and 'Configuration Type'.

Properties			
Config ID	/UGI/USMD_U1_OVP_WBSBOMHDR		
Configuration Type	2 Application		
Config. Variant			
Description	WBS BOM UI		
Web Dynpro Applicat.	USMD_OVP_GEN		

Administrative Data			
Created By	PDWIBEDI	Created on	05.01.2018
Last Changed By	PDWIBEDI	Changed On	06.03.2018
Package	/UGI/MDG_EAM_BOM		
Original Language	EN		

- In the web browser, click on “Continue in Display Mode”.

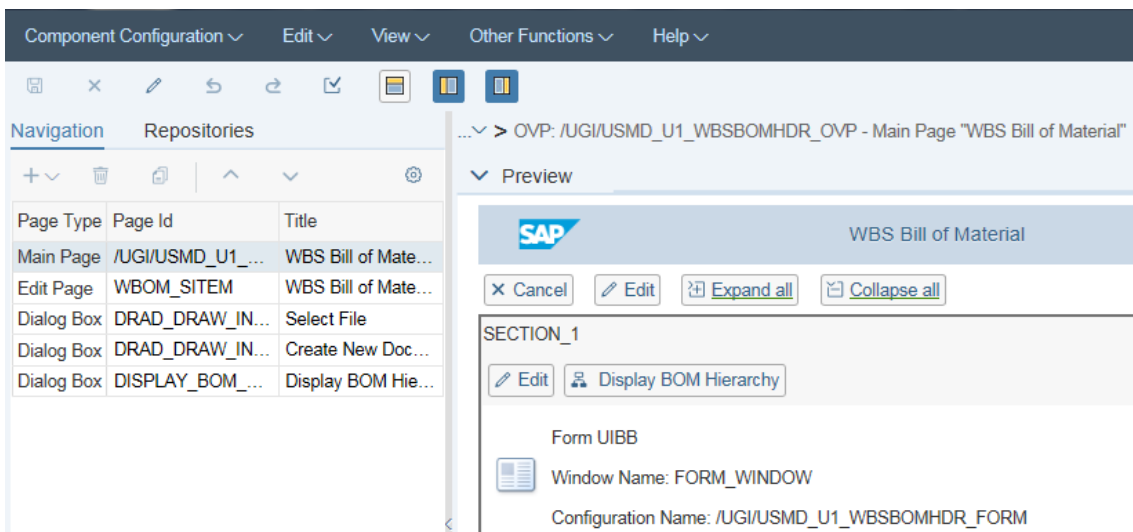


The screenshot shows the 'Application Configuration' window. The 'Configuration ID' field is highlighted with a red box and contains the value '/UGI/USMD_U1_OVP_WBSBOMHDR'. The 'Application Name' field contains 'USMD_OVP_GEN'. The 'Change', 'Display', and 'Create' buttons are visible at the bottom.

Application Configuration	
Application Name:	USMD_OVP_GEN
* Configuration ID:	/UGI/USMD_U1_OVP_WBSBOMHDR

Buttons: Change, Display, Create

- Click on the configuration /UGI/USMD_U1_OVP_WBSBOMHDR.
- Select the UIBB where you want to add new attributes and click on Configure UIBB.



The screenshot shows the 'Web Dynpro Explorer: Display Web Dynpro Configuration' window. The 'Configuration ID' field is highlighted with a red box and contains the value '/UGI/USMD_U1_OVP_WBSBOMHDR'. The 'Application Name' field contains 'USMD_OVP_GEN'. The 'Change', 'Display', and 'Create' buttons are visible at the bottom.

Component Configuration			
Page Type	Page Id	Title	
Main Page	/UGI/USMD_U1_...	WBS Bill of Mate...	
Edit Page	WBOM_SITEM	WBS Bill of Mate...	
Dialog Box	DRAD_DRAW_IN...	Select File	
Dialog Box	DRAD_DRAW_IN...	Create New Doc...	
Dialog Box	DISPLAY_BOM_...	Display BOM Hie...	

Navigation: Repositories

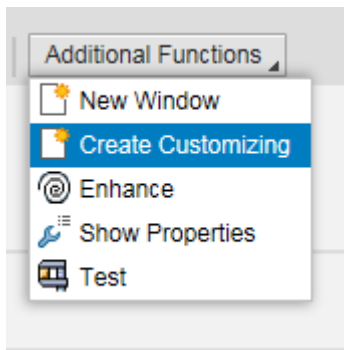
Preview: SECTION_1

Form UIBB

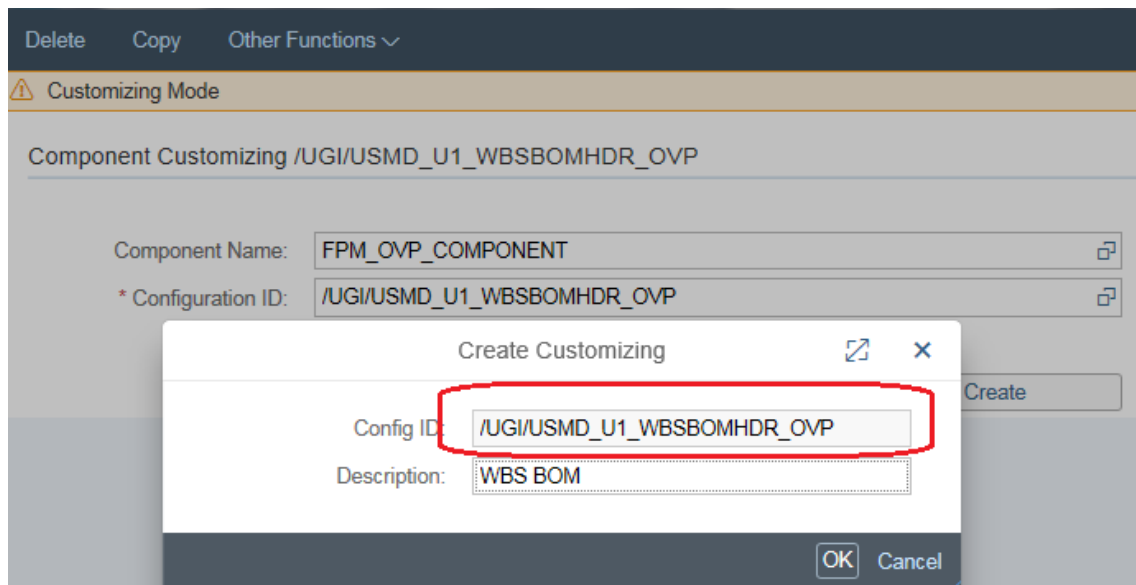
Window Name: FORM_WINDOW

Configuration Name: /UGI/USMD_U1_WBSBOMHDR_FORM

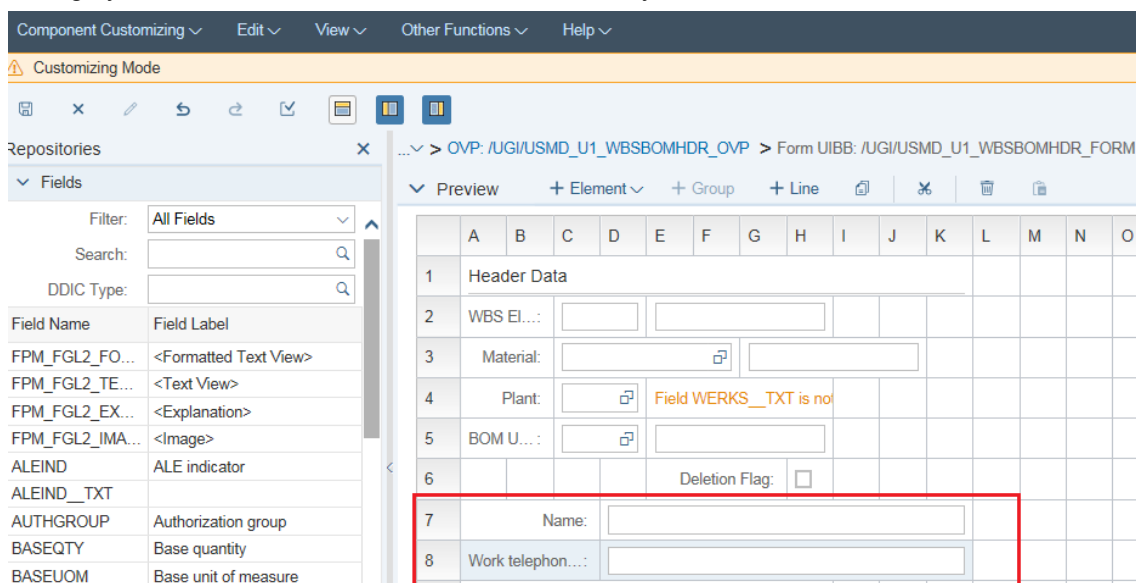
- Click on Additional Functions > Create Customizing.



7. Click on OK.



8. Change your UI. Add new fields that we added in entity WBSBOMHDR.



Test Configuration

This section describes the process to verify the extension of Data Model.


















Note

An example of Material BOM has been taken for verification. This process can be replicated for all other BOMs.

1. Launch NWBC > Click on the role.

Launch NetWeaver Business Client

Cockpit  [/nwbc](#)

 [/UG17/AIW REQ](#)
 [/UG17/AIW SPEC EQUI](#)
 [/UG17/AIW SPEC FUNCLOC](#)
 [/UG17/AIW SPEC MPLAN](#)
 [/UG17/AIW SPEC MSPPOINT](#)
 [/UG17/AIW SPEC OBJLINK](#)
 [/UG17/AIW SPEC OBJNETWRK](#)
 [/UG17/AIW SPEC TLEQHDR](#)
 [/UG17/AIW SPEC TFLHHR](#)
 [/UG17/AIW SPEC TLGNHHR](#)
 [/UG17/AIW SPEC WORKCENTR](#)
 [/UG17/AIW STEW](#)
 [/UG17/AIW MENU](#)
 [/UG1/ MDGEAM MENU](#)
 [/UG1/ MDGEAM MENU](#)
 [/UG1/ MDGEAM MENU](#)
 [/UG1/ MDGEAM REQ LAM](#)

SAP Asset Information Workbench by Utopia: Requester, SAP Asset Information Workbench by Utopia: Specialist-Functional Location, SAP Asset Information Workbench by Utopia: Specialist- Measuring Point, SAP Asset Information Workbench by Utopia: Specialist- Object Link, ...

SAP Asset Information Workbench by Utopia: Requester

SAP Asset Information Workbench by Utopia: Specialist-Equipment

SAP Asset Information Workbench by Utopia: Specialist-Functional Location

SAP Asset Information Workbench by Utopia: Specialist-Maintenance Plan

SAP Asset Information Workbench by Utopia: Specialist- Measuring Point

SAP Asset Information Workbench by Utopia: Specialist- Object Link

SAP Asset Information Workbench by Utopia: Specialist- Object Network

SAP Asset Information Workbench by Utopia: Specialist- Equipment-Tasklist

SAP Asset Information Workbench by Utopia: Specialist- Funloc-Tasklist

SAP Asset Information Workbench by Utopia: Specialist- General Tasklist

SAP Asset Information Workbench by Utopia: Specialist- Workcenter

SAP Asset Information Workbench by Utopia: Steward

SAP Asset Information Workbench by Utopia: Menu

Master Data Governance for EAM: Menu

Master Data Governance for EAM: Menu

Master Data Governance for EAM: Menu

Master Data Governance for EAM: Requester LAM

2. Select Bill of Material from Change Requests tab.

SAP NetWeaver Business Client

Master Data Governance for EAM

Home

Process EAM Objects

Processing of Multiple EAM Objects

Reporting

Process Reporting

Data Exchange

Process EAM Objects

Search Equipments

Search Functional Locations

Search Maintenance Plans

Search Measuring Points

Search Bill of Materials

Search Task Lists

Search Object Links

Search Object Networks

Search Work Centers

3. Select Business Object Type > Material Bill of Material.

SAP Search: MBOM - Material Bill of Material

BOM Object Type: MBOM - Material Bill of Material

Search Method: Database Search

Search Material Bill of Material

Search Criteria

Material is

BOM Usage is

Plant is

Alternative Text is

Maximum Number of Results: 100

Search Clear Entries Reset to Default

Save Search As:

4. Click on New > Fill the required details > Submit and approve the Change Request.

SAP Create Material BOM - Material - 4001 /Plant - 0001 /Usage - 4 with Change Request - 3013

Expand all Collapse all Refresh Check Assignment Block: Side Pa

Change Request ID: 3013 Status: Changes to Be Executed

* Description: MBOM TEST Extensibility Current Workitem: New Change Request

Priority: Created On/By: 04.09.2018 08:03:47

Due Date:

Reason:

✓ BOM Header Overview Edit Display BOM Hierarchy

Header Data

Material: 4001 MRO ERSA TEST MATERIAL 4001

Plant: 0001

BOM Usage: 4 Plant Maintenance

Alternative BOM: 1 Deletion Flag: ☐

Quantity Data

Base quantity: 1,000 EA

Validity

Valid From: 04.09.2018 Valid to: 31.12.9999

5. Verify the data from ECC.
6. Go to STKO table > BOM - 21 is created.

Table Entry Edit Goto System Help

✓ <<

STKO: Display of Entries Found

Search in Table: STKO BOM Header

Number of hits: 1

Runtime: 0 Maximum no. of hits: 500

BOM category	Bill of material	Alternative BOM	Counter	Change Number	Base unit	Base quantity	Name	Work telephone no.
M	00000021	1	1		EA	1	John	+4498123876