

How to Import Main Table Lookup Field Types in SAP MDM 7.1



Applies to:

SAP MDM Master Data Management 7.1

For more information, visit the [Master Data Management homepage](#).

Summary

A newly introduced concept in SAP MDM 7.1 is to refer more than one main table under a single repository. The best possible use would be to associate the customer details to a vendor record if vendor is also a customer of the company. The article describes the step by step procedure to import main table lookup field data type, the import of which is different from that of normal fields.

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Customer	Main	Customer Numbe...	Customer Number
Delivery Service...	Flat	Name	Code
DME Indicators	Flat	Name	Code
Freight Groups	Flat	Name	Code
Genders	Flat	Name	Code
Image Variants	Image Variants		
Images	Image		
Industrial Sectors	Flat	Name	Code

Table Detail	
Name	Customer
Code	New_Code
Description	
Type	Main
Display Fields	Customer Number; Country
Unique Fields	Customer Number
Key Mapping	<input type="text" value="Yes"/>
Hide Table	No

Step 2

Another important caution is taken when you import the data to customer main table before the actual importing of data of vendor table. You should have the remote key maintained for the customer records. Without this the customer records will not be available while importing vendors.

So as an example consider the following sheet for customer main table

Customer number	street	Country
001	Street1	DE
002	Street2	DE
003	Street3	IN
004	Street4	IN
005	Street5	IN

We will try to import it by key value mapping

Select appropriate remote system

SAP MDM Import Manager

IMPORT

Type: Excel

Remote system: SAP ERP Remote System

Port:

XML schema:

File name: C:\Documents and Settings\vsvarup\Desktop\...

DSN:

Clone the customer number field to map it to customer number as well as Remote key

Source fields:					Destination fields:				
Mapper	Pos.	Name	Type	Destination	Mapper	F/D/Q/A	Pos.	Name	Language
	0	Sheet3\$					0	Customer	English [US]
✓	1	Country	Text	Country [DF]	✓	F	1	Customer Num	English [US]
✓	2	Customer num	Text	[Remote Key]	✓	F	2	Street	English [US]
	3	F4	Text		✓	F	3	Country [DF]	English [US]
✓	4	street	Text	Street	✓	F	4	[Remote Key]	English [US]
✓	5	Customer num	Text	Customer Number					
	6	[Match Level/T	Text						

Import by matching on customer number and In Data manager check the key mappings

001	Street1
002	Street2
003	Street3
004	Street4
005	Street5

Default	Customer Number	Remote System	Key
<input checked="" type="checkbox"/>	001	SAP ERP Remote Sys...	001

Step 3

Lastly we will import the following Excel sheet of vendor records and try to attach the records in the Customer table with it. Key is Customer number. I am using only a few fields for vendor.

Vendor Number	Account group	Country	Street	Customer number
1001	AG1	IN	Eco Space	001
1001	AG1	IN	Eco Space	
1002	AG2	DE	Florastrasse	002

Log on to import manager and do the mapping for the fields related to vendor main table

Source Preview					Partition Field/Value					Map Fields/Values					Match Records					Import Status				
Mapper	Pos.	Name	Type	Destination	Mapper	F/D/Q/A	Pos.	Name	Language	Mapper	F/D/Q/A	Pos.	Name	Language	Mapper	F/D/Q/A	Pos.	Name	Language	Mapper	F/D/Q/A	Pos.	Name	Language
	0	Vendor\$																						
✓	1	Account group	Text	Account Group	✓	F	3	Account Group	English [US]															
✓	2	Country	Text	Country	✓	F	18	Country	English [US]															
	3	Customer num	Text		✓	F	13	Street	English [US]															
✓	4	Street	Text	Street	✓	F	2	Vendor Number	English [US]															
✓	5	Vendor Number	Numeric	Vendor Number			113	[Bank Details]	English [US]															
	6	[Match Level/T	Text				60	[E-Mail Addresses]	English [US]															
							86	[EU Tax Numbers]	English [US]															
							52	[Fax Numbers]	English [US]															

Now the important part is mapping a field customer number .On the right hand side pane choose a field with name customer of company of type lookup main and map these two

0		Vendor\$				F	147	Created By	English [US]
1	Account group	Text	Account Group	Automap		F	97	Credit Information Num...	English [US]
2	Country	Text	Country	Map		F	65	Customer	English [US]
3	Customer num	Text		Unmap		F	151	Customer of company	English [US]
4	Street	Text	Street	Add		F	109	Date of Birth	English [US]
5	Vendor Number	Numeric	Vendor Number			F	32	Delivery Service Number	English [US]

As soon as you will map it, the values are automatically mapped based on the remote keys. This is important as MDM attaches the relevant record of customer to the about to be imported record of vendor based on customer number. If remote key was not maintained for the customer table then there would have been no values in the right hand pane of Customer of Company field.

Map Fields/Values									
2	Country	Text	Country	Map		F	65	Customer	English [US]
3	Customer num	Text	Customer of company	Unmap		F	151	Customer of company	English [US]
4	Street	Text	Street	Add		F	109	Date of Birth	English [US]
5	Vendor Number	Numeric	Vendor Number			F	32	Delivery Service Number	English [US]
6	(Match Level/)	Text				F	31	Delivery Service Type	English [US]
						F	138	Different City	English [US]

Value conversion and mapping				
Source values:				Destination values:
Pos.	Mapped	Value	Converted Value	Source Value
		<NULL>	<NULL>	<NULL>
		001	001	001, 2
		002	002	002, 2

After this import the vendors by matching with Vendor number and check the result in MDM data manager
You will see the relevant customer details have been attached to the vendor record.

38	1001	AG1
39	1002	AG2

Record Detail	
Central Deletion Flag	
Central Deletion Block for Master Record	
Street 2	
Street 3	
Street 4	
Street 5	
Abbreviation of Street Name	
Street Code for City	
House Number Supplement	
House Number Range	
Different City	
Company Postal Code	
City Postal Code Extension	
PO Box Postal Code Extension	
Major Customer Postal Code Extension	
City Code for City	
City PO Box Code	
District Code for City	
Post Delivery District	
Created By	Admin
Create Date	02/26/2010 14:16:47
Updated By	Admin
Update Date	02/26/2010 14:16:47
Customer of company	001, Germany

As already discussed only display fields like Country and Customer number in the customer table are displayed and not others like street .So decide the number of fields to be made display judiciously.

The screenshot displays the SAP MDM customer table lookup interface. On the left, a list of fields is shown, including 'Major Customer Postal Code Extension', 'City Code for City', 'City PO Box Code', 'District Code for City', 'Post Delivery District', 'Created By', 'Create Date', 'Updated By', 'Update Date', and 'Customer of company'. A search result window is open, displaying '[1 record found]' and a table with two rows: 'Customer Number' with value '001' and 'Country' with value 'Germa.'. Below the table, a dropdown menu shows '001, Germany'.

[1 record found]	
Customer Number	001
Country	Germa.

001, Germany

Related Content

www.help.sap.com

<http://www.sdn.sap.com/irj/scn/index?rid=/library/uuid/60e108fc-7b0c-2c10-45b8-d847ad9af36c>

<http://www.sdn.sap.com/irj/scn/index?rid=/library/uuid/c01c5cb1-7226-2c10-9583-9455b03cb7ba>

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