

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

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

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

| Key | Value |
|-----|---------|
| 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 | | | | Map Fields/Values | | | | Match Records | | | | Import Status | | | |
|----------------|------|-----------------|---------|-------------------|---------|------|--------------------|---------------|--|--|--|---------------|--|--|--|
| Mapper | Pos. | Name | Type | Mapper | F/D/Q/A | Pos. | Name | Language | | | | | | | |
| | 0 | Vendor\$ | | ↔ | F | 3 | Account Group | English [US] | | | | | | | |
| ↔ | 1 | Account group | Text | ↔ | F | 18 | Country | English [US] | | | | | | | |
| ↔ | 2 | Country | Text | ↔ | F | 13 | Street | English [US] | | | | | | | |
| | 3 | Customer num | Text | ↔ | F | 2 | Vendor Number | English [US] | | | | | | | |
| ↔ | 4 | Street | Text | | | 113 | [Bank Details] | English [US] | | | | | | | |
| ↔ | 5 | Vendor Number | Numeric | | | 60 | [E-Mail Addresses] | English [US] | | | | | | | |
| | 6 | [Match Level/T] | Text | | | 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 | | | | F | 151 | Customer of company | English [US] |
| 4 | Street | Text | Street | Unmap | | F | 109 | Date of Birth | English [US] |
| 5 | Vendor Numbr | Numeric | Vendor Number | Add | | 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.

| Source Preview | Partition Field/Value | Map Fields/Values | Match Records | Import Status |
|----------------|-----------------------|-------------------|------------------|---------------|
| 2 | Country | Text | Country | Map |
| 3 | Customer num | Text | Customer of comp | Unmap |
| 4 | Street | Text | Street | Add |
| 5 | Vendor Numbr | Numeric | Vendor Number | |
| 6 | [Match Level/] | Text | | |

| Value conversion and mapping | | | |
|------------------------------|--------|-----------------|-------------------|
| Source values: | | | |
| Mapped | Value | Converted Value | Destination Value |
| ✓ | <NULL> | <NULL> | <NULL> |
| ✓ | 001 | 001 | 001, 2 |
| ✓ | 002 | 002 | 002, 2 |

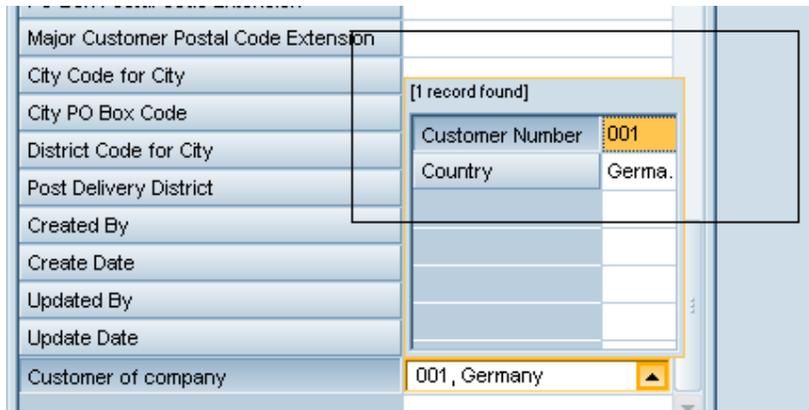
| Destination values: | | | |
|---------------------|--------|--------|--------------|
| Pos. | Mapped | Value | Source Value |
| [1] | ✓ | <NULL> | <NULL> |
| | ✓ | 001, 2 | 001 |
| | ✓ | 002, 2 | 002 |

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 | Language Detail | Validations | Ass |
|--|---------------------|-------------|-----|
| 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.



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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