

MDM Import Manager - Taxonomy Data (Attribute Text Values) – Part 3

Applies to:

SAP NetWeaver Master Data Management (MDM) SP3, SP4, SP5.

Summary

This article provides a step-by-step procedure for manually importing the source data (attribute text values) from MS Access database into the Taxonomy table.

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Author Bio

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Business Scenario

Let's take an example of importing source data (attribute text values) into Taxonomy table (categories). The source data is an MS Access database table. In order to achieve this, first map the source field to a destination field and then in value mapping, map the source values to corresponding destination values.

Import Process Flow Overview

1. Launch MDM Import Manager.
2. Select the Source File to Import.
3. Select the Source and Destination Tables.
4. Import the Attribute text values.

MDM Import Manager Steps

Use the MDM Import manager to import the access DB into the MDM repository

1. Start import manager, you should see:

The screenshot shows the MDM Import Manager interface. The top menu includes File, View, Source, Fields, Values, Records, Configuration, and Help. Below the menu are two dropdown menus, both set to 'None', and a toolbar with icons for file operations. The main area is divided into two panes: 'Source Hierarchy' and 'Destination Hierarchy'.

Source Hierarchy: Taxonomy.mdb

- Attributes
- Attributes Link
- Attributes Values
- Category

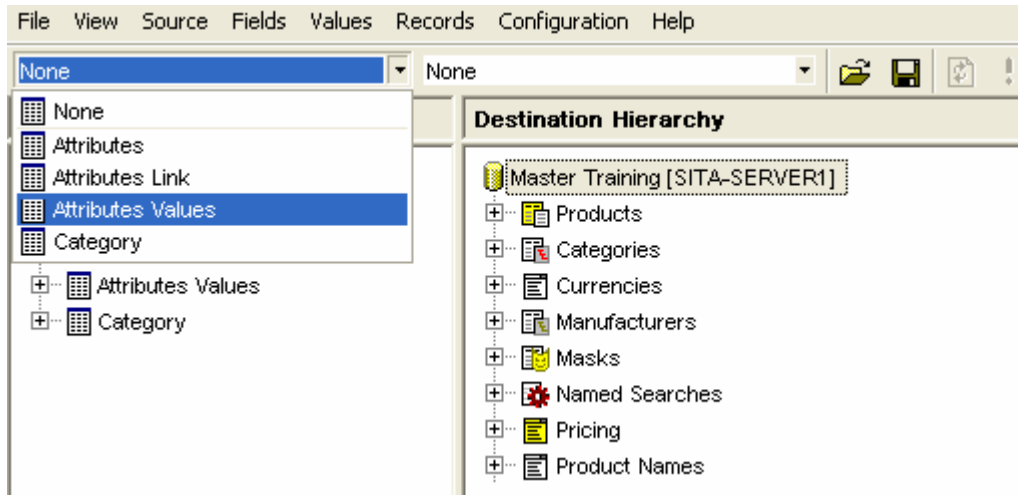
Destination Hierarchy: Master Training [SITA-SERVER1]

- Products
- Categories
- Currencies
- Manufacturers
- Masks
- Named Searches
- Pricing
- Product Names

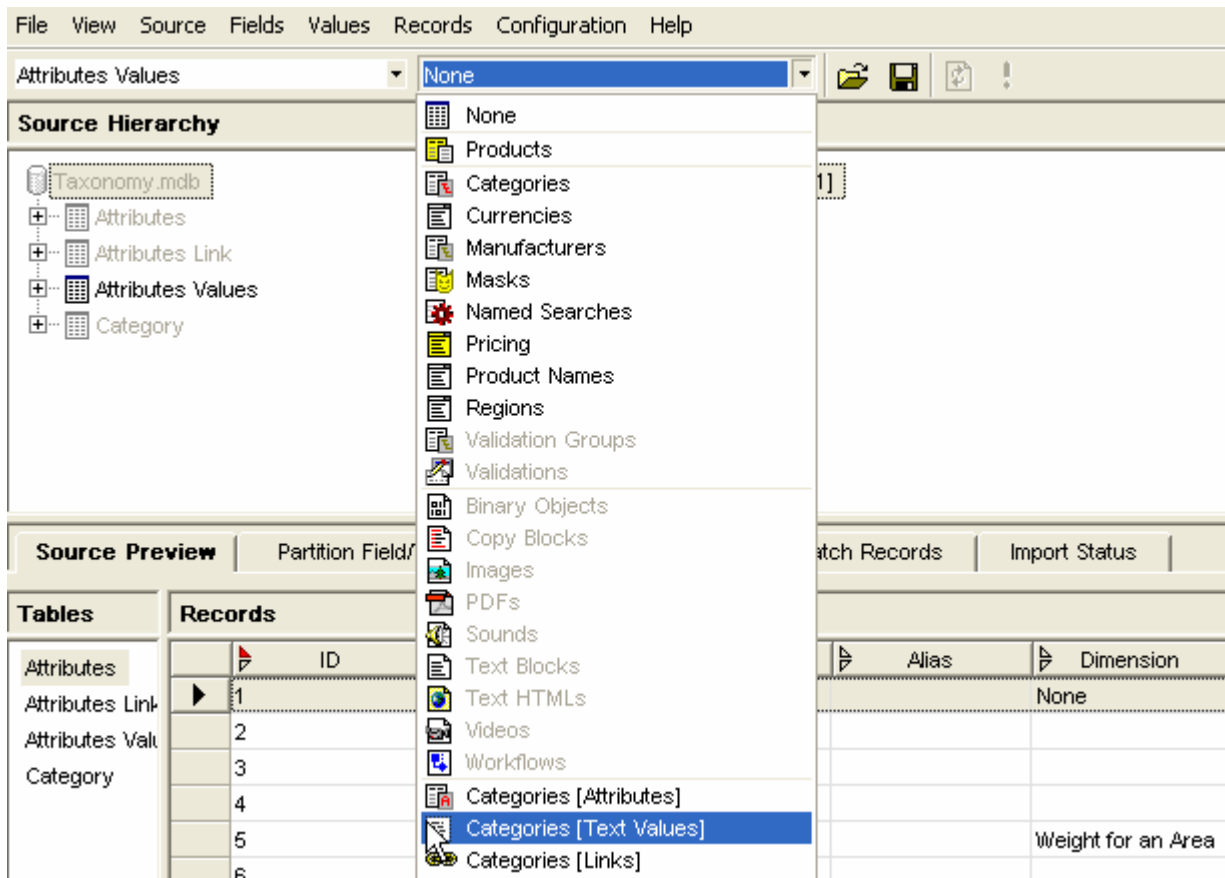
Below the hierarchies is a tabbed interface with tabs for 'Source Preview', 'Partition Field/Value', 'Map Fields/Values', 'Match Records', and 'Import Status'. The 'Source Preview' tab is active, showing a table of records.

Tables	Records	ID	Name	Type	Alias	Dimension	Decimal
Attributes	1		Acidity	Numeric		None	2
Attributes Link	2		Applicable Materi...	Text (multi-valued)			
Attributes Val	3		Application	Text (multi-valued)			
Category	4		Application Method	Text			
	5		Basis Weight	Numeric		Weight for an Area	2
	6		Blade Coating	Text			
	7		Blade Finish	Text			

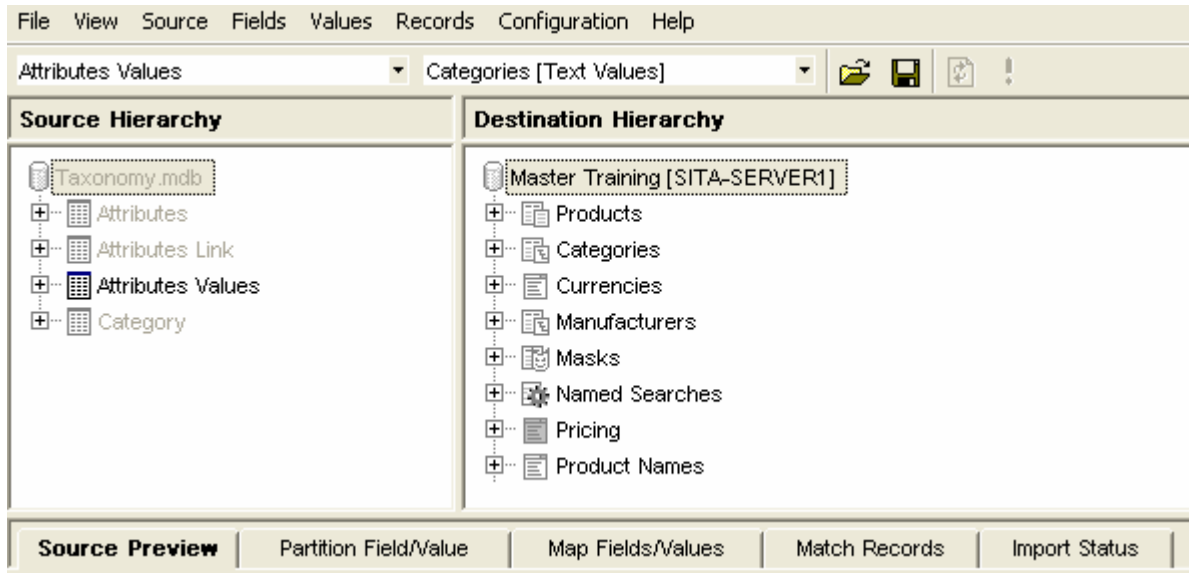
2. Select the Attributes Values table from the **first** dropdown list located on the toolbar, as shown:



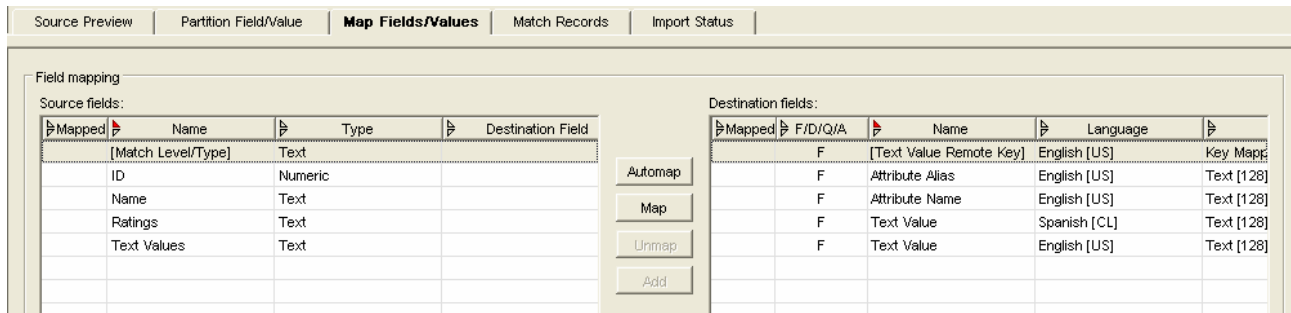
3. Click on the **Second** dropdown list and select the Table **Categories [Text Values]** as shown:



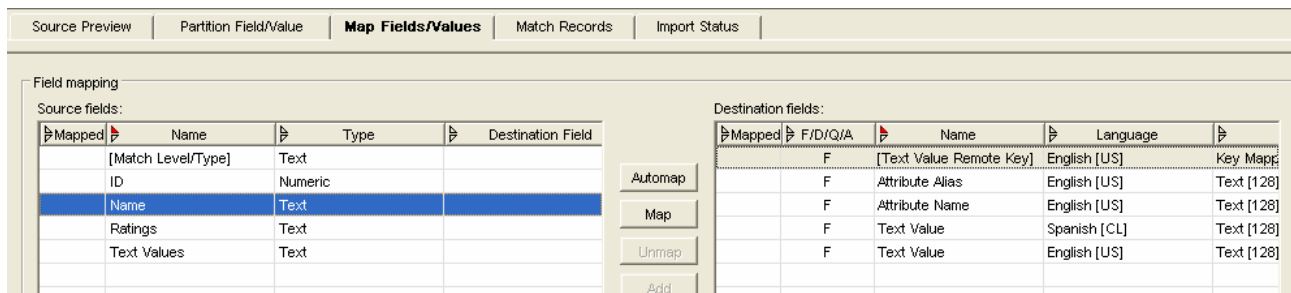
You should see:



4. Click on the Map Fields/Values Tab, you should see:



5. In the Source Fields pane, click on the "Name" field to select it, as shown:



6. In the Destination Fields pane, click on the “Attribute Name” field to select it, as shown:

The screenshot shows the 'Map Fields/Values' pane with the following data:

Mapped	F/D/Q/A	Name	Language	
	F	[Text Value Remote Key]	English [US]	Key Mapp
	F	Attribute Alias	English [US]	Text [128]
	F	Attribute Name	English [US]	Text [128]
	F	Text Value	Spanish [CL]	Text [128]
	F	Text Value	English [US]	Text [128]

7. Click on the Map button to map the source and destination fields, you should see:

The screenshot shows the 'Map Fields/Values' pane after the 'Map' button has been clicked. The 'Name' field in the source fields is now mapped to the 'Attribute Name' field in the destination fields. Below this, the 'Value conversion and mapping' pane is visible, showing a list of source values and their corresponding converted values.

Mapped	F/D/Q/A	Name	Language	
	F	[Text Value Remote Key]	English [US]	Key Mapp
	F	Attribute Alias	English [US]	Text [128]
	F	Attribute Name	English [US]	Text [128]
	F	Text Value	Spanish [CL]	Text [128]
	F	Text Value	English [US]	Text [128]

Conv.	Value	Converted Value	Destination Value
	<NULL>	<NULL>	
	Acidity	Acidity	
	Applicable Materials	Applicable Materials	
	Application	Application	
	Application Method	Application Method	
	Basis Weight	Basis Weight	

“Note that the Value Conversion and Mapping list has been updated.”

8. In the Source Fields pane, click on the “Text Values” field to select it, as shown:

Field mapping

Source fields:

Mapped	Name	Type	Destination Field
	[Match Level/Type]	Text	
	ID	Numeric	
✓	Name	Text	Attribute Name
	Ratings	Text	
	Text Values	Text	

Destination fields:

Mapped	F/D/Q/A	Name	Language	
	F	[Text Value Remote Key]	English [US]	Key Mapp
	F	Attribute Alias	English [US]	Text [128]
✓	F	Attribute Name	English [US]	Text [128]
	F	Text Value	Spanish [CL]	Text [128]
	F	Text Value	English [US]	Text [128]

9. In the Destination Fields pane, click on the “Text Value English [US]” field to select it, as shown:

Field mapping

Source fields:

Mapped	Name	Type	Destination Field
	[Match Level/Type]	Text	
	ID	Numeric	
✓	Name	Text	Attribute Name
	Ratings	Text	
	Text Values	Text	

Destination fields:

Mapped	F/D/Q/A	Name	Language	
	F	[Text Value Remote Key]	English [US]	Key Mapp
	F	Attribute Alias	English [US]	Text [128]
✓	F	Attribute Name	English [US]	Text [128]
	F	Text Value	Spanish [CL]	Text [128]
	F	Text Value	English [US]	Text [128]

10. Click on the Map button to map the source and destination fields, you should see:

Field mapping

Source fields:

Mapped	Name	Type	Destination Field
	[Match Level/Type]	Text	
	ID	Numeric	
✓	Name	Text	Attribute Name
	Ratings	Text	
✓	Text Values	Text	Text Value

Destination fields:

Mapped	F/D/Q/A	Name	Language	
	F	[Text Value Remote Key]	English [US]	Key Mapp
	F	Attribute Alias	English [US]	Text [128]
✓	F	Attribute Name	English [US]	Text [128]
	F	Text Value	Spanish [CL]	Text [128]
✓	F	Text Value	English [US]	Text [128]

Value conversion and mapping

Source values:

Conv.	Value	Converted Value	Destination Value
•	Short□Standard□Long...	Short□Standard□Long...	
•	Slip-On□Knit-Wrist□G...	Slip-On□Knit-Wrist□G...	
•	Slotted□Phillips□P...	Slotted□Phillips□P...	
•	Spraying□Striping Mac...	Spraying□Striping Mac...	
•	Square	Square	
•	Square□Round□Hex...	Square□Round□Hex...	

Destination values:

Pos.	Mapped	Value	Source Value
		#0	
		#0	
		#0	
		#00	
		#00	
		#000	

“Note that the Value Conversion and Mapping list has been updated.”

11. Click on the Match Records Tab, you should see:

The screenshot shows the 'Match Records' tab in the MDM Import Manager. The 'Value matching' section on the left has a 'Mapped destination fields' list containing 'Attribute Name'. Below this list are buttons for 'Add', 'Remove', 'Combine', and 'Split'. The 'Matching fields' list is currently empty. On the right, the 'Default import actions' table is displayed with the following data:

Active	Match Level	Match Type	Default Import Action
0 of 0	None	None	Skip
0 of 0	Single	Exact	Skip
0 of 0	Single	Partial	Skip
0 of 0	Single	Conflict	Skip
0 of 0	Multiple	Exact	Skip
0 of 0	Multiple	Partial	Skip
0 of 0	Multiple	Conflict	Skip
0 of 0	Filtered	Source	Skip
0 of 0	Filtered	Destination	Skip

12. In the Mapped Destination Fields pane, click on the “Attribute Name” file to select it, as shown:

This screenshot is similar to the previous one, but the 'Attribute Name' entry in the 'Mapped destination fields' list is highlighted with a blue selection bar, indicating it has been selected.

13. Click on the Add button, you should see:

This screenshot shows the 'Match Records' tab after clicking the 'Add' button. The 'Attribute Name [Key] [All]' is now listed in the 'Matching fields' section. In the 'Default import actions' table, the 'Default Import Action' dropdown menu is open, showing 'Skip' as the selected option. Below this, the 'Record matching' section is visible, showing a table of source records:

Record No.	Active	Import Action	Match Level	Match Type	Exact	ID	Ratings	Text Values	Name
1	•	Skip	Single	Exact	1	1	<NULL>	<NULL>	Acidity
2	•	Skip	Single	Exact	1	2	<NULL>	Most Metals□Wo...	Applicable Mat...

14. In the Default Import Actions list, for **all data-changeable (i.e., non-gray)** rows with a **non-zero** record count in the “Active” column, click on its Default Import Action column dropdown list and select “Create” as shown (**Note: If you already have the data in your table, then the “Create” option will be not be available. Instead select the “Update (All Mapped Fields)” option.**):

The screenshot shows the 'Match Records' tab in the MDM Import Manager. It is divided into three main sections:

- Value matching:** Contains 'Mapped destination fields' and 'Matching fields' (Attribute Name [Key] [All]). Buttons for 'Add', 'Remove', 'Combine', and 'Split' are present.
- Default import actions:** A table with columns: Active, Match Level, Match Type, and Default Import Action. The 'Update (All Mapped Fields)' option is highlighted in blue.
- Record matching:** A table of source records with columns: Record No., Active, Import Action, Match Level, Match Type, Exact, ID, Ratings, Text Values, and Name.

Active	Match Level	Match Type	Default Import Action
20 of 20	None	None	Skip
135 of 135	Single	Exact	Update (All Mapped Fields)
0 of 0	Single	Partial	Skip
0 of 0	Single	Conflict	Update (NULL Fields Only)
0 of 0	Multiple	Exact	Update (All Mapped Fields)
0 of 0	Multiple	Partial	Replace
0 of 0	Multiple	Partial	Skip
0 of 0	Multiple	Conflict	Skip
0 of 0	Filtered	Source	Skip
0 of 0	Filtered	Destination	Skip


Record No.	Active	Import Action	Match Level	Match Type	Exact	ID	Ratings	Text Values	Name
1	•	Skip	Single	Exact		1 1	<NULL>	<NULL>	Acidify
2	•	Skip	Single	Exact		1 2	<NULL>	Most Metals□Wo...	Applicable Mat...
3	•	Skip	Single	Exact		1 3	<NULL>	General Purpos...	Application

15. Click on the Import Status tab, you should see the Import Field Status.

The screenshot shows the 'Import Status' tab in the MDM Import Manager. It displays two hierarchies and a table mapping:

- Source Hierarchy:** Taxonomy.mdb (Attributes, Attributes Link, Attributes Values, Category)
- Destination Hierarchy:** Master Training [SITA-SERVER1] (Products, Categories, Currencies, Manufacturers, Masks)
- Action items:** Ready to import
- Table Mapping:** A table showing the mapping between source and destination fields.

Table Mapping	Source	Destination	Fields Mapped
	Attributes Values	Categories [Text Values]	2 of 4

16. Click on the “Exclamation mark “() on the menu bar to execute import. You should see message box as “Finished Importing Records”.



Click the OK button to close the message box.

You Have Successfully Imported the Attribute text values.

Snapshot of MS-Access Database table

ID	Text Values	Name
1		Acidity
2	Most Metals	Applicable Materials
3	General Purpo	Application
4	Spraying	Application Method
5		Basis Weight
6	Ni(Nickel)	Blade Coating
7	Chrome	Blade Finish
8		Blade Length
9	Steel	Blade Material
10		Blade Size
11	Square	Blade Type
12	Steel	Body Material
13		Bore Diameter
14		Cable/Wire Size
15		Capacity (Volume)
16	None	Carrying Method
17	Alkyd	Chemical Compound
18	Cr(Chrome)	Coating
19	Vinyl	Coating Material
20	Impregnated	Coating Style
21	Blue	Color
22		Connection Length
23		Connection Width
24	Threadlocker/s	Contains
25		
26		Coverage @ Volume
27		Cuff Length
28	Slip-On	Cuff Style
29	Anaerobic	Curing Method
30		Cutting Length
31	Grease	Dirt Type
32		Drive Size

Record: 1 of 155

Related Content

http://help.sap.com/saphelp_mdm550/helpdata/en/52/2086075c584d96be102512036b9c0c/content.htm

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