

MDM Import Manager: Taxonomy Data (Attributes), Part 2

Applies to:

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

Summary

This article provides a step-by-step procedure in manually importing the source data (attributes) from MS Access database into the Taxonomy table.

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Business Scenario

Let's take an example of importing source data (attributes) 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 Attributes table.

MDM Import Manager Steps

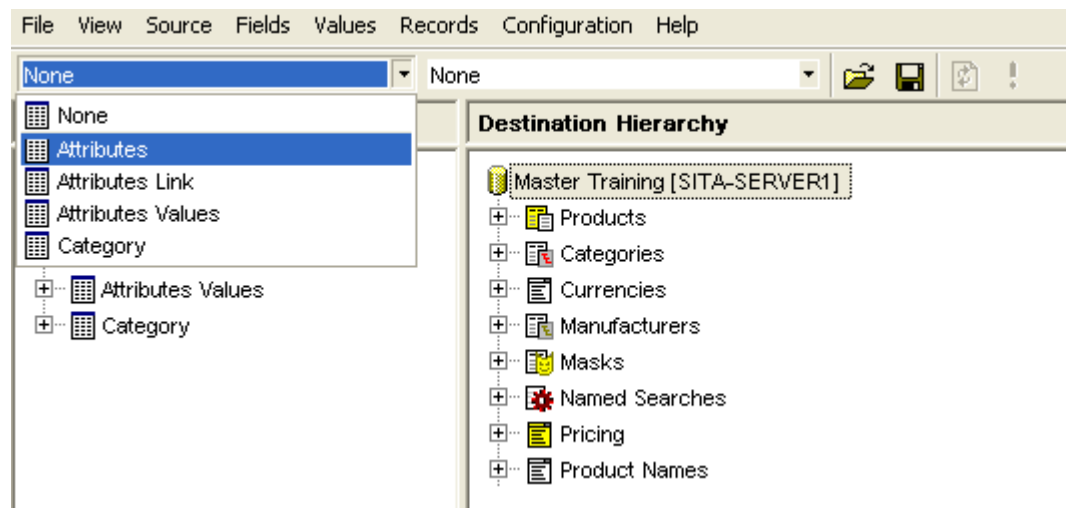
Use the MDM Import manager to import the access DB into the MDM repository

1. Start import manager, you should see:

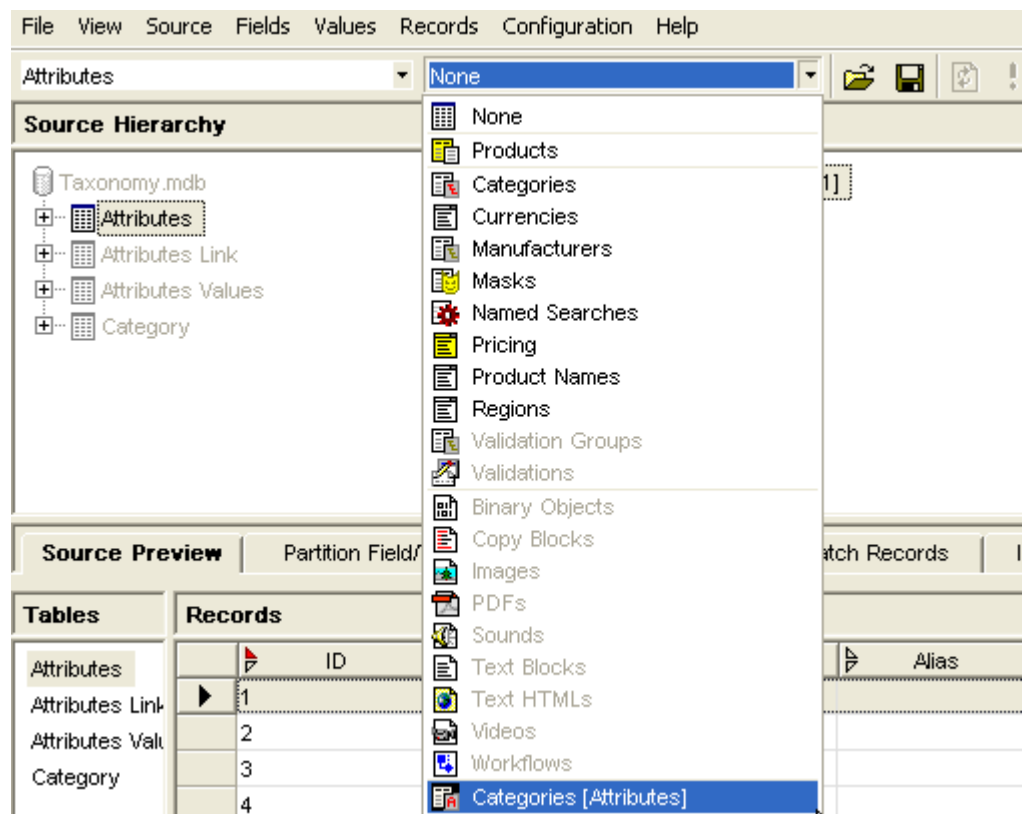
The screenshot shows the MDM Import Manager interface. At the top, there is a menu bar with 'File', 'View', 'Source', 'Fields', 'Values', 'Records', 'Configuration', and 'Help'. Below the menu bar are two dropdown menus, both set to 'None', and a toolbar with icons for file operations. The main area is divided into two panes: 'Source Hierarchy' and 'Destination Hierarchy'. The 'Source Hierarchy' pane shows a tree structure for 'Taxonomy.mdb' with sub-items: 'Attributes', 'Attributes Link', 'Attributes Values', and 'Category'. The 'Destination Hierarchy' pane shows a tree structure for 'Master Training [SITA-SERVER1]' with sub-items: 'Products', 'Categories', 'Currencies', 'Manufacturers', 'Masks', 'Named Searches', 'Pricing', and 'Product Names'. Below these panes is a 'Source Preview' section with tabs for 'Partition Field/Value', 'Map Fields/Values', 'Match Records', and 'Import Status'. The 'Records' tab is active, displaying a table with columns: ID, Name, Type, Alias, Dimension, and Decimal. The table contains 7 records.

Tables	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			

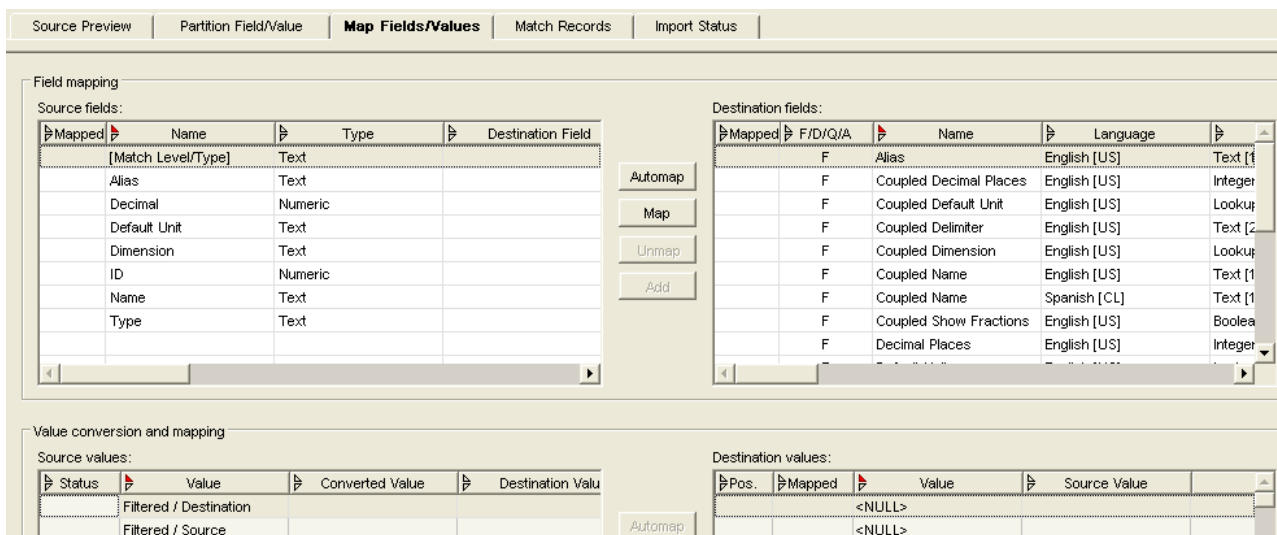
2. Select the Attributes table from the **first** dropdown list located on the toolbar as shown:



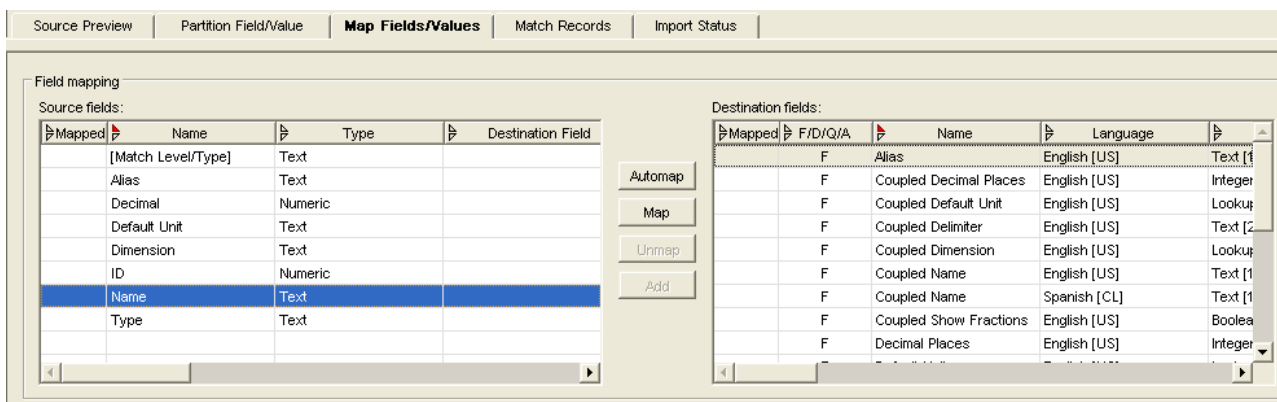
3. Click on the **Second** dropdown list and select the Table **Categories [Attributes]** as shown:



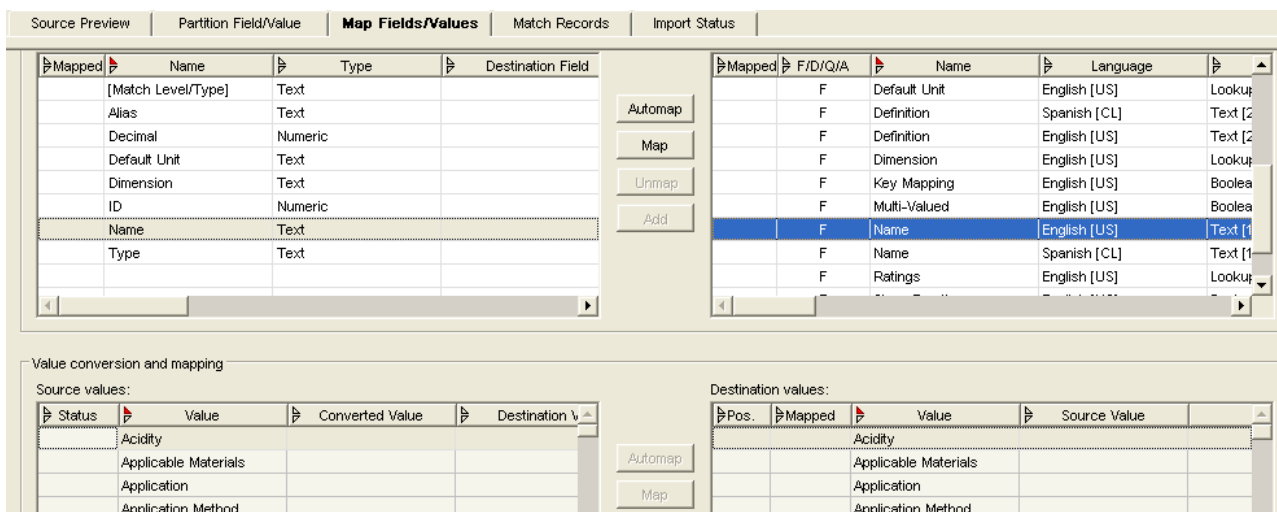
4. Press the Map Fields/Values Tab, you should see:



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



6. In the Destination Fields pane, click on the Name English [US] field to select it, as shown:



7. Click on the Map Button to map both the fields, you should see:

The screenshot shows the 'Map Fields/Values' tab with two main tables and a central control panel.

Mapped	Name	Type	Destination Field
	[Match Level/Type]	Text	
	Alias	Text	
	Decimal	Numeric	
	Default Unit	Text	
	Dimension	Text	
	ID	Numeric	
✔	Name	Text	Name
	Type	Text	

Mapped	F/D/Q/A	Name	Language	
	F	Default Unit	English [US]	Lookup
	F	Definition	Spanish [CL]	Text [2]
	F	Definition	English [US]	Text [2]
	F	Dimension	English [US]	Lookup
	F	Key Mapping	English [US]	Boolea
	F	Multi-Valued	English [US]	Boolea
✔	F	Name	English [US]	Text [1]
	F	Name	Spanish [CL]	Text [1]
	F	Ratings	English [US]	Lookup

Value conversion and mapping section:

Conv.	Value	Converted Value	Destination Value
•	Acidity	Acidity	
•	Applicable Materials	Applicable Materials	
•	Application	Application	
•	Application Method	Application Method	
•	Basis Weight	Basis Weight	

Pos.	Mapped	Value	Source Value
		Acidity	
		Applicable Materials	
		Application	
		Application Method	
		Basis Weight	

Note: the Value Conversion and Mapping list has been updated.

8. In the Source Fields pane, click on the Type field to select it, as shown:

The screenshot shows the 'Map Fields/Values' tab with the 'Type' field selected in the Source Fields pane.

Mapped	Name	Type	Destination Field
	[Match Level/Type]	Text	
	Alias	Text	
	Decimal	Numeric	
	Default Unit	Text	
	Dimension	Text	
	ID	Numeric	
✔	Name	Text	Name
	Type	Text	

Mapped	F/D/Q/A	Name	Language	
	F	Default Unit	English [US]	Lookup
	F	Definition	Spanish [CL]	Text [2]
	F	Definition	English [US]	Text [2]
	F	Dimension	English [US]	Lookup
	F	Key Mapping	English [US]	Boolea
	F	Multi-Valued	English [US]	Boolea
✔	F	Name	English [US]	Text [1]
	F	Name	Spanish [CL]	Text [1]
	F	Ratings	English [US]	Lookup

Value conversion and mapping section:

Status	Value	Converted Value	Destination Value
	Numeric		
	Numeric (multi-valued)		
	Text		
	Text (multi-valued)		

Pos.	Mapped	Value	Source Value
		Acidity	
		Applicable Materials	
		Application	
		Application Method	

9. In the Destination Fields pane, click on the Type field to select it, as shown:

The screenshot shows the 'Map Fields/Values' tab with the 'Type' field selected in the Destination Fields pane.

Mapped	Name	Type	Destination Field
	[Match Level/Type]	Text	
	Alias	Text	
	Decimal	Numeric	
	Default Unit	Text	
	Dimension	Text	
	ID	Numeric	
✔	Name	Text	Name
	Type	Text	

Mapped	F/D/Q/A	Name	Language	
	F	Definition	English [US]	Text [2]
	F	Dimension	English [US]	Lookup
	F	Key Mapping	English [US]	Boolea
	F	Multi-Valued	English [US]	Boolea
✔	F	Name	English [US]	Text [1]
	F	Name	Spanish [CL]	Text [1]
	F	Ratings	English [US]	Lookup
	F	Show Fractions	English [US]	Boolea
	F	Type	English [US]	Lookup

Value conversion and mapping section:

Status	Value	Converted Value	Destination Value
	Numeric		
	Numeric (multi-valued)		
	Text		
	Text (multi-valued)		

Pos.	Mapped	Value	Source Value
		Coupled Numeric	
		Numeric	
		Text	

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

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

Mapped	Name	Type	Destination Field
	[Match Level/Type]	Text	
	Alias	Text	
	Decimal	Numeric	
	Default Unit	Text	
	Dimension	Text	
	ID	Numeric	
✓	Name	Text	Name
✓	Type	Text	Type

The 'Value conversion and mapping' pane shows:

Mapped	Value	Converted Value	Destination Value
	Numeric	Numeric	
	Numeric (multi-valued)	Numeric (multi-valued)	
	Text	Text	
	Text (multi-valued)	Text (multi-valued)	

Destination values table:

Pos.	Mapped	Value	Source Value
		Coupled Numeric	
		Numeric	
		Text	

11. In the Value Conversion and Mapping pane, click on the “Automap” button to map automatically the source and destination values. You should see:

The screenshot shows the 'Map Fields/Values' pane with the same field mappings as in step 10. The 'Value conversion and mapping' pane now shows:

Mapped	Value	Converted Value	Destination Value
✓	Numeric	Numeric	Numeric
	Numeric (multi-valued)	Numeric (multi-valued)	
✓	Text	Text	Text
	Text (multi-valued)	Text (multi-valued)	

Destination values table:

Pos.	Mapped	Value	Source Value
		Coupled Numeric	
[1]	✓	Numeric	Numeric
	✓	Text	Text

12. In the Source values pane, click on the “Numeric (multi-valued)” value to select it, as shown:

The screenshot shows the 'Map Fields/Values' pane with the same field mappings. The 'Value conversion and mapping' pane shows the 'Numeric (multi-valued)' source value selected (highlighted in blue):

Mapped	Value	Converted Value	Destination Value
✓	Numeric	Numeric	Numeric
	Numeric (multi-valued)	Numeric (multi-valued)	
✓	Text	Text	Text
	Text (multi-valued)	Text (multi-valued)	

Destination values table:

Pos.	Mapped	Value	Source Value
		Coupled Numeric	
	✓	Numeric	Numeric
	✓	Text	Text

13. In the Destination Values pane, click on the “Numeric” value to select it, as shown:

The screenshot shows the 'Map Fields/Values' tab in the MDM Import Manager. The 'Source Preview' pane shows fields: Dimension (Text), ID (Numeric), Name (Text), and Type (Text). The 'Destination values' pane shows a list of mappings. The 'Numeric' row is selected, indicating the mapping of the source 'Numeric' value to the destination 'Numeric' value.

Pos.	Mapped	Value	Source Value
		Coupled Numeric	
	✔	Numeric	Numeric
	✔	Text	Text

14. Click on the Map button to map both the values, you should see:

The screenshot shows the 'Map' button clicked. The 'Destination values' table now shows a mapping for 'Numeric' with a source value of 'Numeric; Numeric (multi-valued)', indicating that both the 'Numeric' and 'Numeric (multi-valued)' source values are mapped to the 'Numeric' destination value.

Pos.	Mapped	Value	Source Value
		Coupled Numeric	
[1]	✔	Numeric	Numeric; Numeric (multi-...
	✔	Text	Text

15. In the Source Values pane, click on the “Text (multi-valued)” value to select it, as shown:

The screenshot shows the 'Text (multi-valued)' value selected in the 'Source values' pane. This indicates that the 'Text (multi-valued)' source value is being mapped to the 'Text' destination value.

Mapped	Value	Converted Value	Destination Value
✔	Numeric	Numeric	Numeric
✔	Numeric (multi-valued)	Numeric (multi-valued)	Numeric
✔	Text	Text	Text
	Text (multi-valued)	Text (multi-valued)	

16. In the Destination Values pane, click on the “Text” value to select it, as shown:

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

Dimension	Text		
ID	Numeric		
Name	Text	Name	
Type	Text	Type	

Pos.	Mapped	Value	Source Value
		Coupled Numeric	
		Numeric	Numeric; Numeric (multi-...
		Text	Text

17. Click on the Map field to map the values, you should see:

The screenshot shows the 'Map Fields/Values' tab with the 'Map' button highlighted in the 'Destination values' pane.

Dimension	Text		
ID	Numeric		
Name	Text	Name	
Type	Text	Type	

Pos.	Mapped	Value	Source Value
		Coupled Numeric	
		Numeric	Numeric; Numeric (multi-...
[1]		Text	Text; Text (multi-valued)

18. Click the Match Records Tab, you should see:

The screenshot shows the 'Match Records' tab with the following data:

Mapped destination fields: Name <English [US]>

Matching fields:

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

19. Select the “Name” field from the Mapped Destination Values pane, as shown:

The screenshot shows the 'Match Records' tab with the 'Name <English [US]>' field selected in the 'Mapped destination fields' pane.

Mapped destination fields: Name <English [US]>

Matching fields:

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

20. Click on the  button, you should see:

Source Preview | Partition Field/Value | Map Fields/Values | **Match Records** | Import Status

Value matching

Mapped destination fields: Matching fields:
Name <English [US]> [Key] [All]

Default import actions

Active	Match Level	Match Type	Default Import Action
1 of 1	None	None	Skip
135 of 135	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

Record matching

Source records:

Record No.	Active	Import Action	Match Level	Match Type	Exact	ID	Name	Type	Alias
1	●	Skip	Single	Exact		1 1	Acidity	Numeric	<NULL>
2	●	Skip	Single	Exact		1 2	Applicable Materi...	Text (multi-valued)	<NULL>
3	●	Skip	Single	Exact		1 3	Application	Text (multi-valued)	<NULL>
4	●	Skip	Single	Exact		1 4	Application Method	Text	<NULL>

21. In the Default Import Actions list, for **all** 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 not be available. Instead select the “Update (All Mapped Fields)” option.

Source Preview | Partition Field/Value | Map Fields/Values | **Match Records** | Import Status

Value matching

Mapped destination fields: Matching fields:
Name <English [US]> [Key] [All]

Default import actions

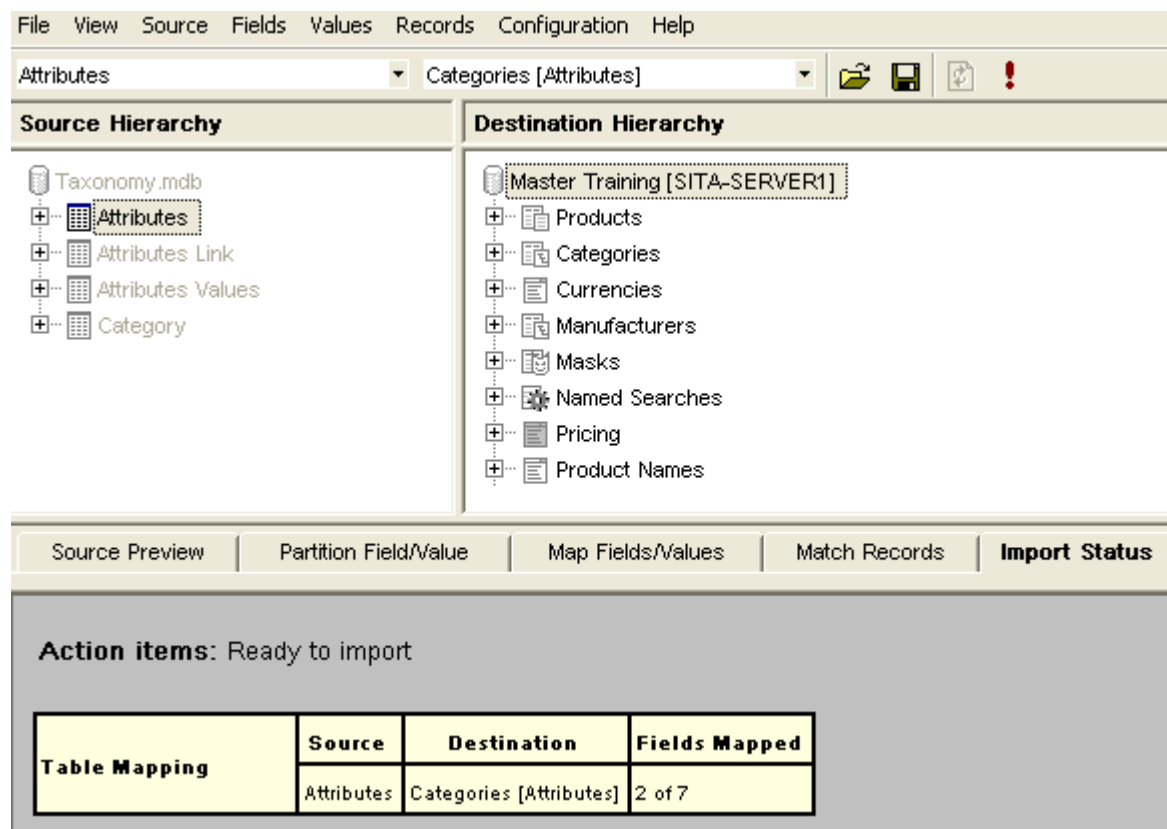
Active	Match Level	Match Type	Default Import Action
1 of 1	None	None	Skip
135 of 135	Single	Exact	Update (All Mapped Fields)
0 of 0	Single	Partial	Skip
0 of 0	Single	Conflict	Update (NULL Fields Only)
0 of 0	Multiple	Exact	Update (All Mapped Fields)
0 of 0	Multiple	Partial	Replace
0 of 0	Multiple	Conflict	Skip
0 of 0	Filtered	Source	Skip
0 of 0	Filtered	Destination	Skip


Record matching

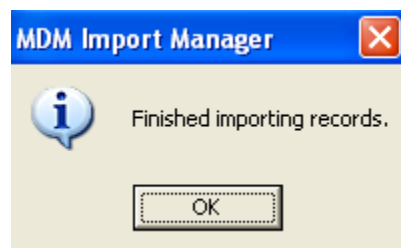
Source records:

Record No.	Active	Import Action	Match Level	Match Type	Exact	ID	Name	Type	Alias
1	●	Skip	Single	Exact		1 1	Acidity	Numeric	<NULL>
2	●	Skip	Single	Exact		1 2	Applicable Materi...	Text (multi-valued)	<NULL>

22. Click on the Import Status Tab. You should see:



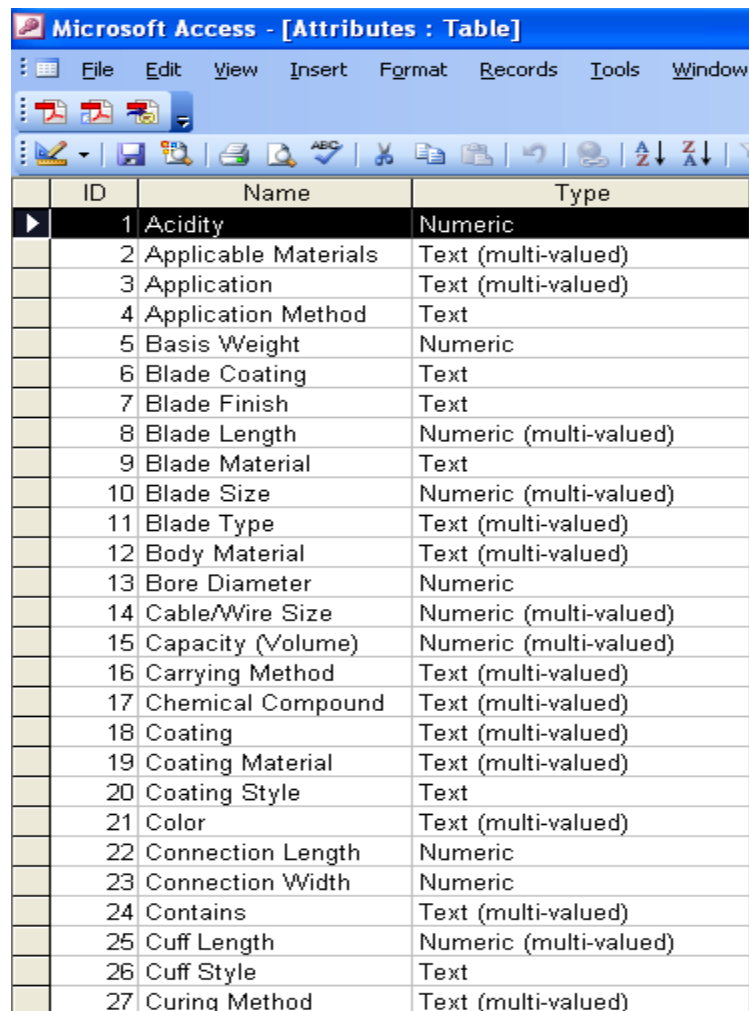
23. Click on the "Exclamation mark" () on the menu bar to execute import. You should see message box as "Finished Importing Records".



Click the OK button to close the message box.

You Have Successfully Imported the Attributes.

Snapshot of MS-Access Database Table



ID	Name	Type
1	Acidity	Numeric
2	Applicable Materials	Text (multi-valued)
3	Application	Text (multi-valued)
4	Application Method	Text
5	Basis Weight	Numeric
6	Blade Coating	Text
7	Blade Finish	Text
8	Blade Length	Numeric (multi-valued)
9	Blade Material	Text
10	Blade Size	Numeric (multi-valued)
11	Blade Type	Text (multi-valued)
12	Body Material	Text (multi-valued)
13	Bore Diameter	Numeric
14	Cable/Wire Size	Numeric (multi-valued)
15	Capacity (Volume)	Numeric (multi-valued)
16	Carrying Method	Text (multi-valued)
17	Chemical Compound	Text (multi-valued)
18	Coating	Text (multi-valued)
19	Coating Material	Text (multi-valued)
20	Coating Style	Text
21	Color	Text (multi-valued)
22	Connection Length	Numeric
23	Connection Width	Numeric
24	Contains	Text (multi-valued)
25	Cuff Length	Numeric (multi-valued)
26	Cuff Style	Text
27	Curing Method	Text (multi-valued)

Related Content

http://help.sap.com/saphelp_mdm550/helpdata/en/bd/f768fd70d945ee873712304127493b/content.htm

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