

MDM Syndicator – Syndicating Data in Multiple Languages



Applies to:

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

Summary

This article provides a step-by-step procedure in manually syndicate the records to a Remote System in Flat file format. The Source and Destination may be multi-lingual. The MDM Feature is split multilingual field by language or value.

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Author Bio



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Business Scenario

Let's take an example: MDM repositories can store data in any number of languages. When syndicating a multilingual field, you can choose to syndicate in the current Syndicator language, a specific language other than the current language, or in all possible languages.

The multilingual values inside a multilingual field can be split into separate fields using the Split Multilingual Field By Language operation. Splitting a multilingual field by language creates a new field for each language defined in the repository. Mapping one of these split fields syndicates data in that field's specified language. The Split Multilingual Field By Value operation causes data in *all* languages of the source repository to be syndicated.

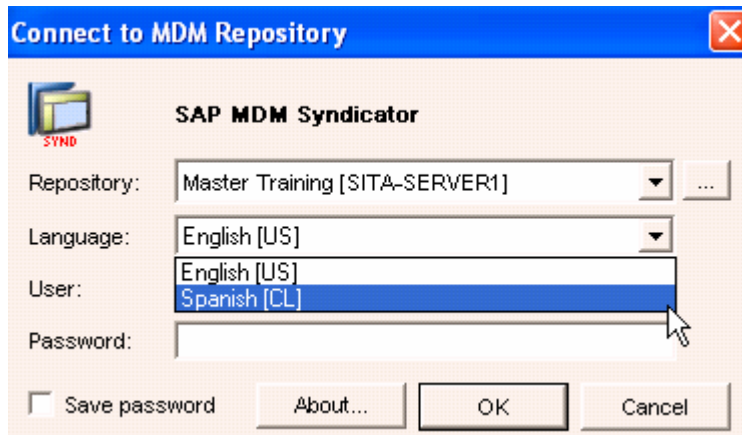
Once the Source fields and Destination fields are mapped, the MDM Syndicator adds data to the syndication file in one of two ways, depending upon the syndication format. 1. On Flat text syndications. 2. On XML syndications. Execute the Syndication action.

Syndication Process Flow Overview

1. Launch MDM Syndicator.
2. Set the Map properties.
3. Select Destination Properties.
4. Split Multilingual Field By Language/Value Operation.
5. Map Source items and Destination items.
6. Execute the Syndication action.

MDM Syndicator Steps

1. Launch the MDM Syndicator application from your Windows desktop. You should see:



2. Choose Language Spanish [CL] and click on OK button, you should see:

The screenshot shows the SAP MDM Syndicator interface. The top menu includes File, View, Search, Item Properties, Syndication, Configuration, Source Items, and Help. The main window is titled 'Productos' and is divided into several sections:

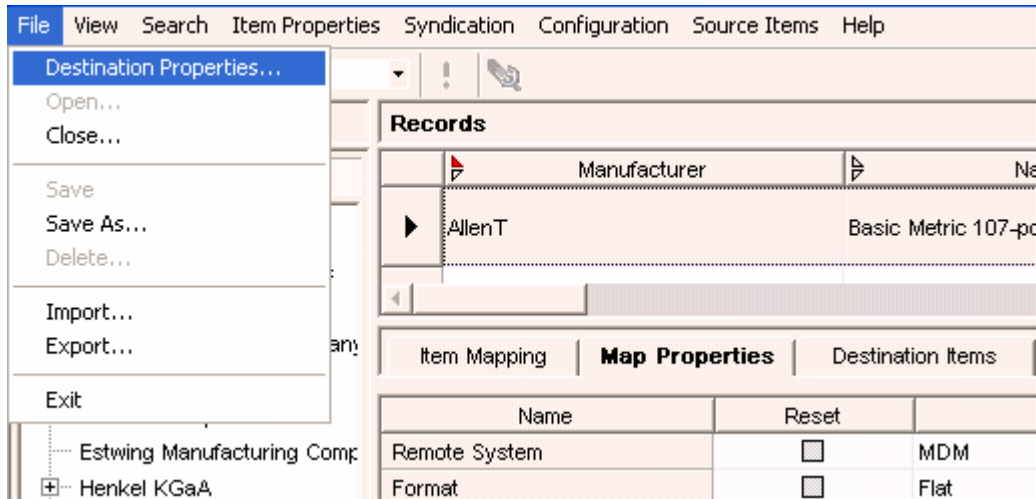
- Search Parameters:** A tree view under 'Manufacturer' showing various manufacturers like Ansell Protective Products, Bacou-Dalloz Group, etc.
- Records:** A table with columns: Manufacturer, Name, Part Number, and Categoría. It shows two records:

Manufacturer	Name	Part Number	Categoría
AllenT	Chain Nose Pliers	25608	Pliers (units)
AllenT	69 Piece 3/8" Drive Basic Mechanic's ...	19613	Multi-Purpose Assortment
- Item Mapping:** A section with tabs for Map Properties, Destination Items, Custom Items, Merge Items, Search Selections, and Destination Preview. The 'Map Properties' tab is active, showing a table for mapping source items to destination items.

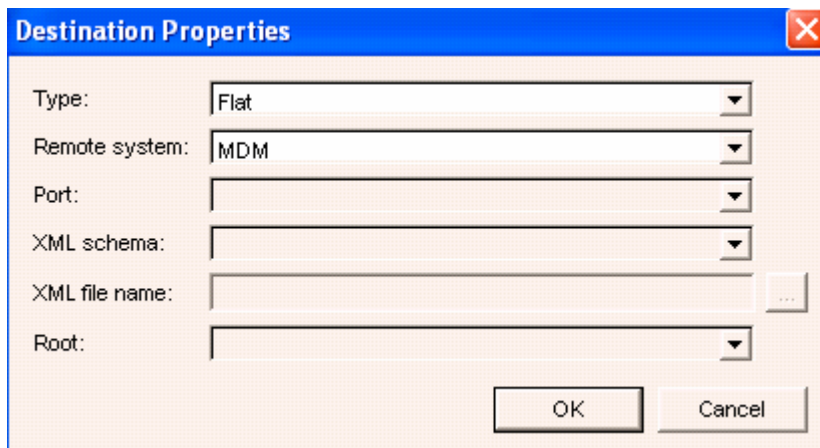
3. Press the Map Properties tab, you should see:

Item Mapping			Map Properties	Destination Items	Custom Items	Merge Items	Search Selections
Name	Reset	Value					
Remote System	<input type="checkbox"/>	MDM					
Format	<input type="checkbox"/>	Flat					
Root	<input type="checkbox"/>						
Namespace	<input type="checkbox"/>						
XML File Output	<input type="checkbox"/>	Multiple Files (One Record per File)					
Repeatable Record Name	<input type="checkbox"/>	<none>					
Include Item Names	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>					
Item Format	<input checked="" type="checkbox"/>	Variable Width					
Item Delimiter	<input checked="" type="checkbox"/>	Tab					
Custom Delimiter	<input checked="" type="checkbox"/>						
Name/Value Separator	<input checked="" type="checkbox"/>	Tab					
Custom Separator	<input checked="" type="checkbox"/>						
Name/Value Terminator	<input checked="" type="checkbox"/>	Tab					
Custom Terminator	<input checked="" type="checkbox"/>						
Language Format	<input checked="" type="checkbox"/>	2-Letter Language Code					
Date Format	<input checked="" type="checkbox"/>	YYYYMMDD					
Numeric Decimal Symbol	<input checked="" type="checkbox"/>	.					
Numeric Thousand Separator	<input checked="" type="checkbox"/>	,					
Suppress Unchanged Records	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
Suppress Records Without Key	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
Output Remote Systems	<input checked="" type="checkbox"/>	MDM					
Filter Multi-valued Lookup Fields	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
Filter Qualified Links	<input checked="" type="checkbox"/>	<input type="checkbox"/>					
Multilingual Fields	<input type="checkbox"/>	<none>					

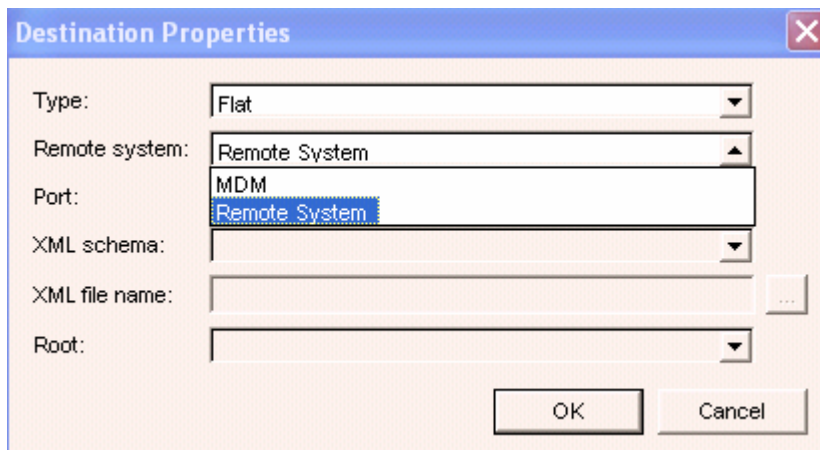
4. Click on file in the Menu bar, and select Destination Properties:



You should see:



5. Select the Remote System as Remote System.



6. Click the **OK** button, you should see:

The screenshot shows the SAP MDM Syndicator interface. On the left, there is a 'Search Parameters' section with a tree view under 'Manufacturer' containing various company names. The main area displays 'Records' with columns for Manufacturer, Name, Part Number, and Categoría. Two records are visible: one for 'AllenT' with 'Chain Nose Pliers' (Part Number 25608) and another for 'AllenT' with '69 Piece 3/8" Drive Basic Mechanic's ...' (Part Number 19613). Below the records is the 'Item Mapping' section, which includes tabs for 'Map Properties', 'Destination Items', 'Custom Items', 'Merge Items', 'Search Selections', and 'Destination Preview'. The 'Item Mapping' section contains two tables: 'Source items' and 'Destination items'. The 'Source items' table has columns 'Mapped', 'Name', and 'Type', with one row for 'Products' (Main). The 'Destination items' table has columns 'Order', 'Mapped', 'Include', 'Name', and 'Type', with one row for 'Order'. There are 'Map' and 'Unmap' buttons between the tables.

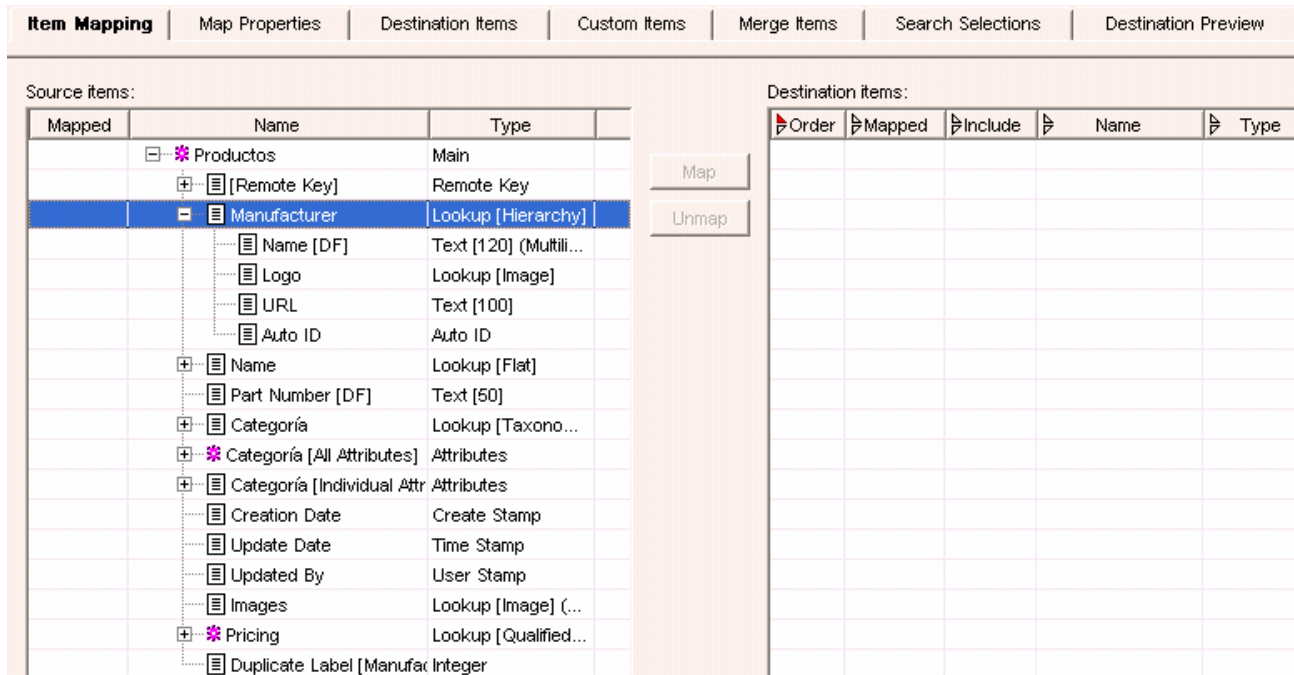
7. Click on **+** node (products) in source items, in the item mapping tab.

This screenshot is a closer view of the 'Item Mapping' section. The 'Source items' table is expanded to show a tree structure under the 'Products' node. The 'Destination items' table remains empty. The 'Map' and 'Unmap' buttons are still visible between the tables.

You should see:

This screenshot shows the 'Source items' table fully expanded. The 'Products' node is selected, and its sub-nodes are visible, including '[Remote Key]', 'Manufacturer', 'Name', 'Part Number [DF]', 'Categoría', 'Categoría [All Attributes]', 'Categoría [Individual Attr]', 'Creation Date', 'Update Date', 'Updated By', 'Images', 'Pricing', and 'Duplicate Label [Manufac]'. Each sub-node has a corresponding 'Type' listed in the 'Type' column. The 'Destination items' table is still empty. The 'Map' and 'Unmap' buttons are visible between the tables.

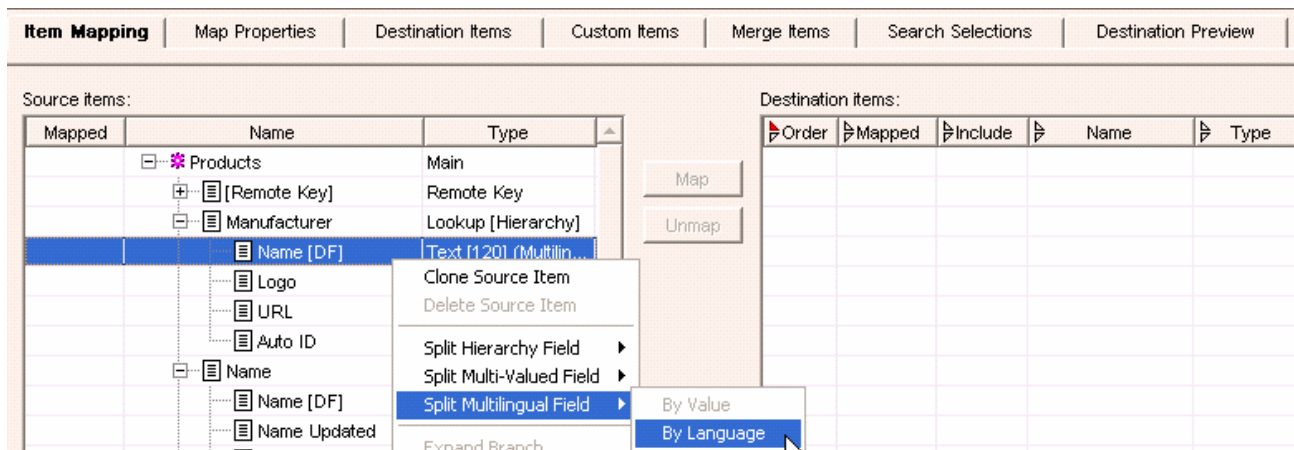
8. Click on  node (Manufacturer, Name) in source items, in the item mapping tab, you should see:



The screenshot shows the 'Item Mapping' interface with the 'Source items' table. The 'Manufacturer' node is expanded, and the 'Name [DF]' field is selected. The 'Destination items' table is empty.

Mapped	Name	Type
	Productos	Main
	[Remote Key]	Remote Key
	Manufacturer	Lookup [Hierarchy]
	Name [DF]	Text [120] (Multilin...
	Logo	Lookup [Image]
	URL	Text [100]
	Auto ID	Auto ID
	Name	Lookup [Flat]
	Part Number [DF]	Text [50]
	Categoría	Lookup [Taxono...
	Categoría [All Attributes]	Attributes
	Categoría [Individual Attr	Attributes
	Creation Date	Create Stamp
	Update Date	Time Stamp
	Updated By	User Stamp
	Images	Lookup [Image] (...
	Pricing	Lookup [Qualified...
	Duplicate Label [Manufac	Integer

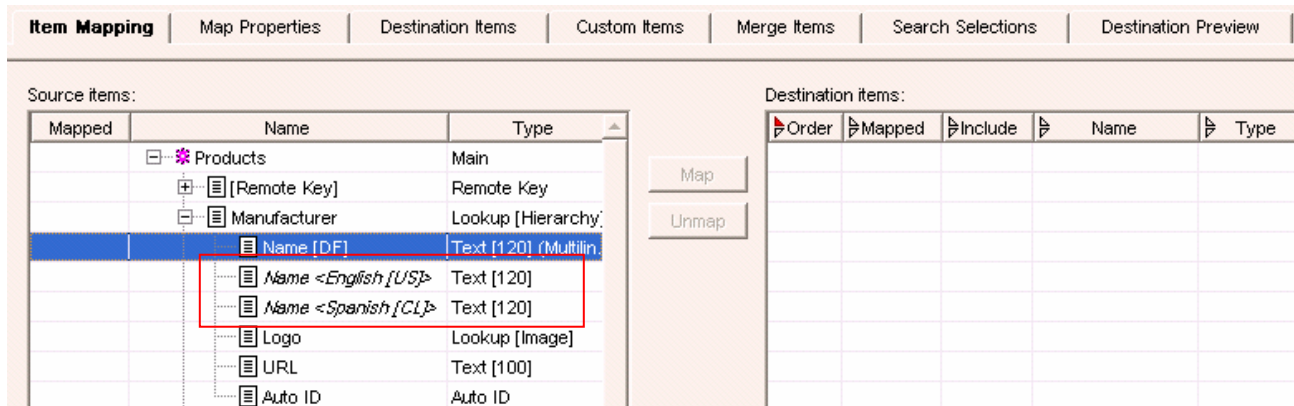
9. Select Name [DF] (Manufacturer), right click and from the context menu choose Split Multilingual Field – By value:



The screenshot shows the 'Item Mapping' interface with the 'Source items' table. The 'Name [DF]' field is selected, and the context menu is open. The 'Split Multilingual Field' option is selected, and the 'By Value' sub-option is chosen.

Mapped	Name	Type
	Productos	Main
	[Remote Key]	Remote Key
	Manufacturer	Lookup [Hierarchy]
	Name [DF]	Text [120] (Multilin...
	Logo	Lookup [Image]
	URL	Text [100]
	Auto ID	Auto ID
	Name	Lookup [Flat]
	Name [DF]	Text [120] (Multilin...
	Name Updated	Text [120] (Multilin...

You should see:



The screenshot shows the 'Item Mapping' interface with the 'Source items' table. The 'Name [DF]' field is now split into two fields: 'Name <English [US]>' and 'Name <Spanish [CL]>'.

Mapped	Name	Type
	Productos	Main
	[Remote Key]	Remote Key
	Manufacturer	Lookup [Hierarchy]
	Name [DF]	Text [120] (Multilin...
	Name <English [US]>	Text [120]
	Name <Spanish [CL]>	Text [120]
	Logo	Lookup [Image]
	URL	Text [100]
	Auto ID	Auto ID

10. Select Name [DF] (Name), and repeat the Step 9, you should see:

The screenshot shows the 'Item Mapping' tool interface. The 'Source Items' pane on the left displays a tree structure under 'Products'. The 'Name [DF]' item is selected and highlighted in blue. A red box highlights the 'Name [DF]' item and its sub-items: 'Name <English [US]>', 'Name <Spanish [CL]>', 'Name Updated', and 'Name Updated by'. The 'Destination Items' pane on the right is empty. The 'Map' and 'Unmap' buttons are visible between the panes.

11. Click on Destination items tab, you should see:

The screenshot shows the 'Destination Items' tab in the tool. The 'Properties' table for the '[Default Destination Item]' is displayed. The table has columns for 'Name', 'Reset', and 'Value'.

Name	Reset	Value
Name	<input type="checkbox"/>	[Default Destination Item]
Required	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Repeatable XML Node	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Static Text	<input checked="" type="checkbox"/>	
Default Text	<input checked="" type="checkbox"/>	
Hierarchy Style	<input checked="" type="checkbox"/>	Node Name Only
Path Delimiter	<input checked="" type="checkbox"/>	>
Prepend Field Name as Root of Path Names	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Number of Levels in Pathname from Root	<input checked="" type="checkbox"/>	0
Number of Levels in Pathname from Leaf	<input checked="" type="checkbox"/>	0

12. In the Destination items right click, from the context menu select “Add Destination Item”.

The screenshot shows the 'Destination Items' tab with the context menu open for the '[Default Destination Item]'. The menu options are:

- Add Destination Item
- Rename Destination Item
- Delete Destination Item
- Duplicate Destination Item
- Sort Ascending
- Sort Descending
- Detail View
- Expand Branch
- Expand Entire Branch
- Collapse Branch
- Select Entire Branch

You should see:

Item Mapping	Map Properties	Destination Items	Custom Items	Merge Items	Search Selections	Destination Preview
		Destination Items	Properties			
		[Default Destination Item]	Name	Inherit	Value	
		Nuevo elemento	Name	<input type="checkbox"/>	Nuevo elemento	
			Required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			Repeatable XML Node	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			Static Text	<input checked="" type="checkbox"/>		
			Default Text	<input checked="" type="checkbox"/>		

13. For the newly created Destination item name it as “Manufacturer”, you should see:

Item Mapping	Map Properties	Destination Items	Custom Items	Merge Items	Search Selections	Destination Preview
		Destination Items	Properties			
		[Default Destination Item]	Name	Inherit	Value	
		Manufacturer	Name	<input type="checkbox"/>	Manufacturer	
			Required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			Repeatable XML Node	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			Static Text	<input checked="" type="checkbox"/>		
			Default Text	<input checked="" type="checkbox"/>		
			Hierarchy Style	<input checked="" type="checkbox"/>	Node Name Only	
			Path Delimiter	<input checked="" type="checkbox"/>	>	

14. Now repeat steps 12 to 13 to add Destination items, as shown in the following table:

Destination Item

Name DF (Under node : Name)

Part Number

You should see:

Item Mapping	Map Properties	Destination Items	Custom Items	Merge Items	Search Selections	Destination Preview
		Destination Items	Properties			
		[Default Destination Item]	Name	Inherit	Value	
		Manufacturer	Name	<input type="checkbox"/>	Part Number	
		Name	Required	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
		Part Number	Repeatable XML Node	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
			Static Text	<input checked="" type="checkbox"/>		
			Default Text	<input checked="" type="checkbox"/>		

15. “Click on the Item Mapping tab. You should see:”

Item Mapping | Map Properties | Destination Items | Custom Items | Merge Items | Search Selections | Destination Preview

Source items:

Mapped	Name	Type
	Products	Main
	[Remote Key]	Remote Key
	Manufacturer	Lookup [Hierarchy]
	Name [DF]	Text [120] (Multil...
	Name <English [US]>	Text [120]
	Name <Spanish [CL]>	Text [120]
	Logo	Lookup [Image]
	URL	Text [100]
	Auto ID	Auto ID
	Name	Lookup [Flat]
	Name [DF]	Text [125] (Multil...
	Name <English [US]>	Text [125]
	Name <Spanish [CL]>	Text [125]
	Name Updated	Time Stamp
	Name Updated by	User Stamp
	Name Checked	Boolean
	Date Checked	Time Stamp
	Part Number [DF]	Text [50]

Destination items:

Order	Mapped	Include	Name	Type
[1]		<input type="checkbox"/>	Manufacturer	Text
[2]		<input type="checkbox"/>	Name	Text
[3]		<input type="checkbox"/>	Part Number	Text

Map
Unmap

16. After mapping Source fields to Destination fields, you should see:

Item Mapping | Map Properties | Destination Items | Custom Items | Merge Items | Search Selections | Destination Preview

Source items:

Mapped	Name	Type
	Productos	Main
	[Remote Key]	Remote Key
	Manufacturer	Lookup [Hierarcl
	Name [DF]	Text [120] (Multil
↖	Name <English [US]>	Text [120]
	Name <Spanish [CL]>	Text [120]
	Logo	Lookup [Image]
	URL	Text [100]
	Auto ID	Auto ID
	Name	Lookup [Flat]
↖	Nombre [DF]	Text [125] (Multil
	Nombre <English [US]>	Text [125]
	Nombre <Spanish [CL]>	Text [125]
	Name Updated	Time Stamp
	Name Updated by	User Stamp
	Name Checked	Boolean
	Date Checked	Time Stamp
↖	Part Number [DF]	Text [50]

Destination items:

Include	Name	Type	Source
<input checked="" type="checkbox"/>	Manufacturer	Text	Name <English [US]>
<input checked="" type="checkbox"/>	Name	Text	Nombre <English [US]>
<input checked="" type="checkbox"/>	Part Number	Text	Part Number [DF]


Map
Unmap

17. Click on the Search Selections Tab, you should see:



Item Mapping	Map Properties	Destination Items	Custom Items	Merge Items	Search Selections	Destination Preview
Manufacturer:	KD Tools®					
Name:	ALL					
InQuera Demo – Categories:	ALL					
Image Details:	ALL					
UNSPSC:	ALL					
Pricing:	ALL					

18. “Click on the Destination Preview Tab. You should see:”

Item Mapping	Map Properties	Destination Items	Custom Items	Merge Items	Search Selections	Destination Preview
Manufacturer	Name	Part Number				
KD Tools®	6" Curved Needle-Nose Pliers	45706				
KD Tools®	Combination Slip-Joint Pliers	45708				
KD Tools®	Linesman Pliers	45610				
KD Tools®	Long Nose Pliers	45607				
KD Tools®	Miniature Slip-Joint Pliers	45710				
KD Tools®	Duck Bill Pliers	45613				
KD Tools®	4-pc Snap Ring Pliers Kit	61061				
KD Tools®	Rib Lock Pliers	45712				

19. “Execute the syndication by pressing the  > icon as shown:”

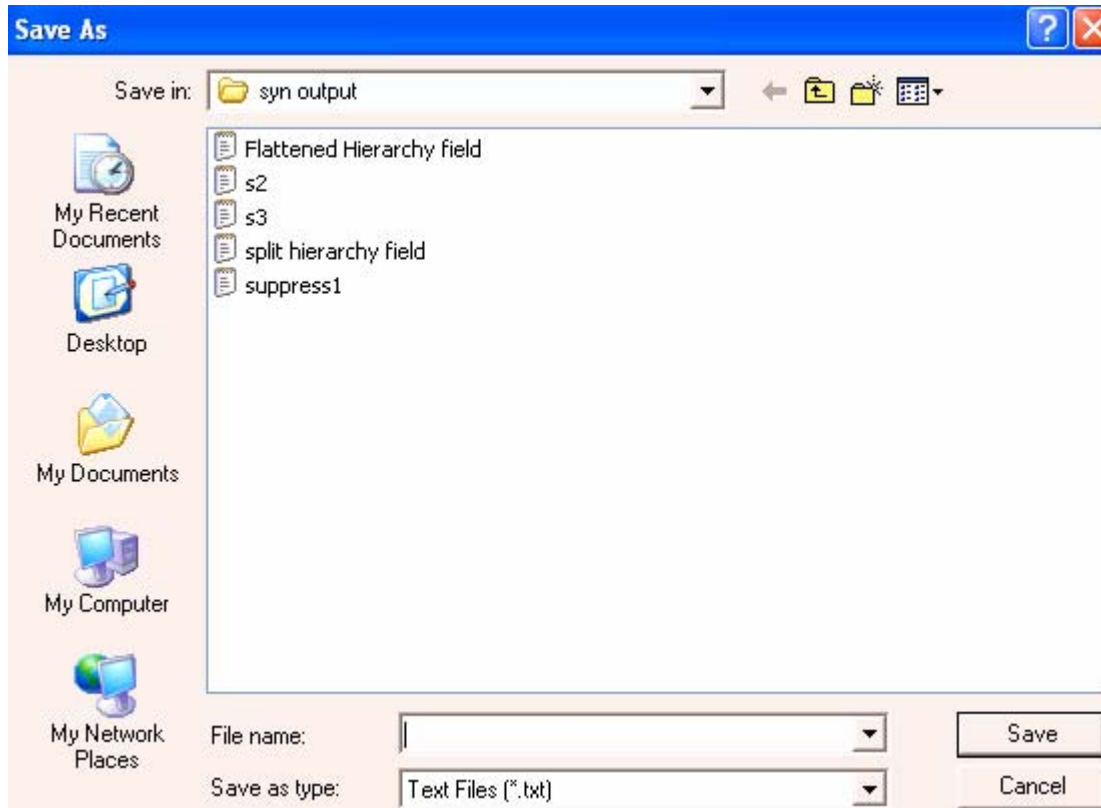
File View Search Item Properties Syndication Configuration Source Items Help

Productos  

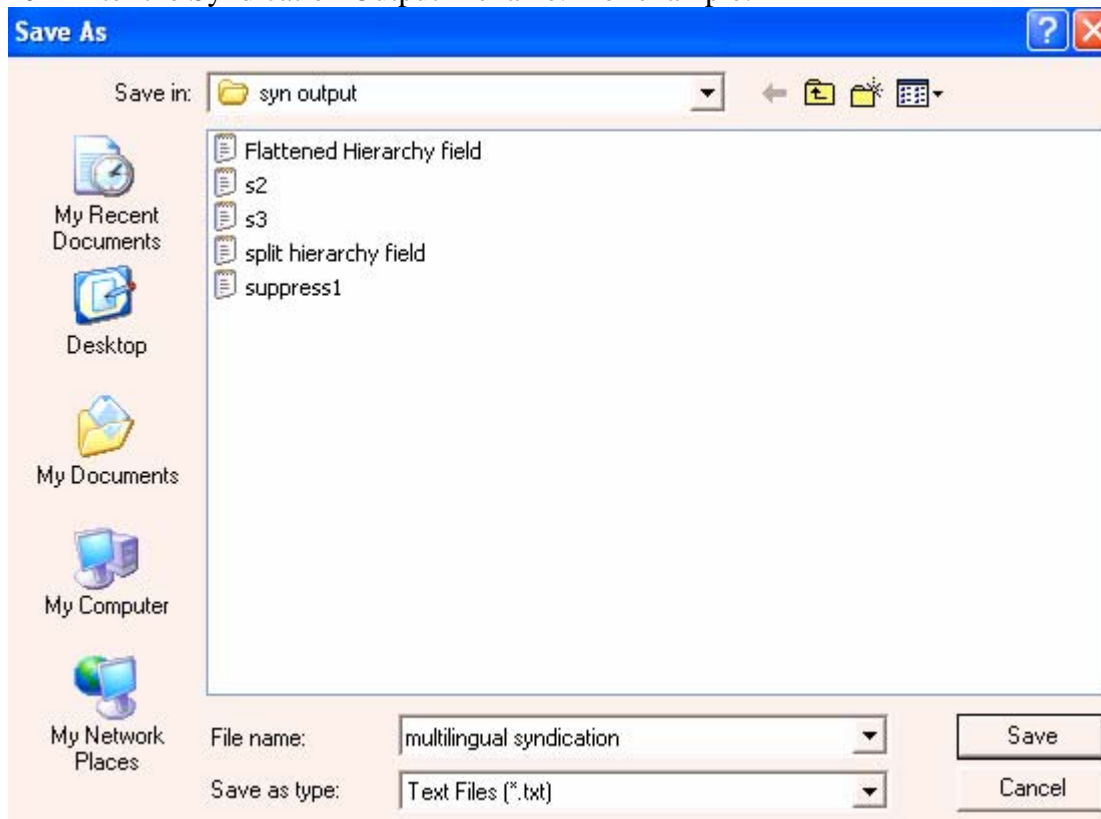
Search Parameters	Records												
<p>Manufacturer</p> <ul style="list-style-type: none"> [ALL] Ansell Protective Products Bacou-Dalloz Group Best Manufacturing Company Boss Holding, Inc. Danaher Corporation <ul style="list-style-type: none"> AllenT KD Tools® The Armstrong Tool Com Estwing Manufacturing Comp Henkel KGaA Illinois Tool Works, Inc. 	<table border="1"> <thead> <tr> <th>Manufacturer</th> <th>Name</th> <th>Part Number</th> <th>Categ</th> </tr> </thead> <tbody> <tr> <td>KD Tools®</td> <td>6" Curved Needle-Nose Pliers</td> <td>45706</td> <td>Pliers (units)</td> </tr> <tr> <td>KD Tools®</td> <td>Combination Slip-Joint Pliers</td> <td>45708</td> <td>Pliers (units)</td> </tr> </tbody> </table>	Manufacturer	Name	Part Number	Categ	KD Tools®	6" Curved Needle-Nose Pliers	45706	Pliers (units)	KD Tools®	Combination Slip-Joint Pliers	45708	Pliers (units)
Manufacturer	Name	Part Number	Categ										
KD Tools®	6" Curved Needle-Nose Pliers	45706	Pliers (units)										
KD Tools®	Combination Slip-Joint Pliers	45708	Pliers (units)										

Item Mapping	Map Properties	Destination Items	Custom Items	Merge Items	Search Selections	Destination Preview
Manufacturer	Name	Part Number				
KD Tools®	6" Curved Needle-Nose Pliers	45706				
KD Tools®	Combination Slip-Joint Pliers	45708				
KD Tools®	Linesman Pliers	45610				
KD Tools®	Long Nose Pliers	45607				
KD Tools®	Miniature Slip-Joint Pliers	45710				
KD Tools®	Duck Bill Pliers	45613				

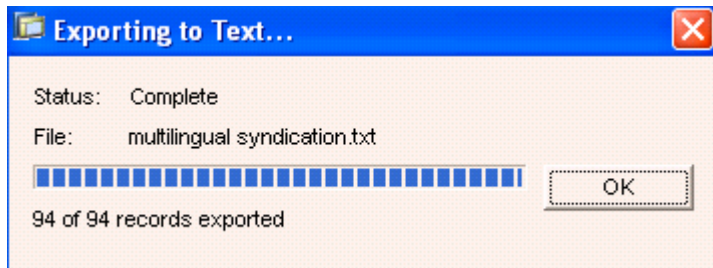
You should see:



20. "Enter the Syndication Output filename. For example:"



21. Click on Save Button. You should see:



You have syndicated the Products data into Flat file successfully.

Snapshot of Syndicated Flat File

File	Edit	Format	View	Help
Manufacturer	Name	Part Number		
KD Tools®	6" Curved Needle-Nose Pliers	45706		
KD Tools®	Combination Slip-Joint Pliers	45708		
KD Tools®	Linesman Pliers	45610		
KD Tools®	Long Nose Pliers	45607		
KD Tools®	Miniature Slip-Joint Pliers	45710		
KD Tools®	Duck Bill Pliers	45613		
KD Tools®	4-pc Snap Ring Pliers Kit	61061		
KD Tools®	Rib Lock Pliers	45712		
KD Tools®	Heavy Duty Interchangeable Points Set	457		
KD Tools®	Long Nose Pliers	45704		
KD Tools®	Fixed Tip Snap Ring Pliers	3485		
KD Tools®	Mini Snap Ring Pliers	3451		
KD Tools®	Fixed Tip Snap Ring Pliers	3483		
KD Tools®	Fixed Tip Snap Ring Pliers	3493		
KD Tools®	Fixed Tip Snap Ring Pliers	3491		
KD Tools®	Mini Hose Clamp Pliers	3443		
KD Tools®	Fixed Tip Snap Ring Pliers	3489		
KD Tools®	Fixed Tip Snap Ring Pliers	3487		

Related Content

http://help.sap.com/saphelp_mdm550/helpdata/en/ff/37e4c6857449388ddb6c77f160ac4f/frameset.htm

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