Creating a mapping diagram after importing schema classes

The **Create Mapping** menu in the **Import Data from Excel and Create Mapping** dialog is useful if after you have imported a schema class, you want to further map its properties to those of a target element in MagicDraw. Upon selecting which properties to map through the wizard, a mapping diagram will be created. A mapping diagram allows you to map the selected properties of the schema class and the target element using connectors.

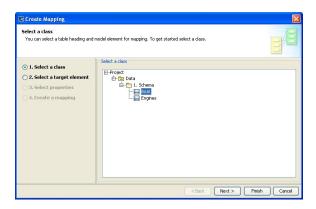
The Excel Import plugin automatically maps properties whose attribute names are identical. You can see these attribute names mapped automatically using connectors in a mapping diagram. You may delete these mappings from the diagram if desired. Excel Import select all properties of a schema class for mapping by default.

To map a schema class imported from an Excel or CSV file to a target element in MagicDraw through the main menu

- 1. Click File > ImportFrom > Excel/CSV File. The Import Data from Excel and Create Mapping dialog will open.
- 2. Click the Create Mapping menu and click OK, see figure below.

🛃 Import Data from F	Excel and Create Mapping	×
	Choose an action to perform:	
a,	Import Table Heading from Excel	
	Create Mapping	
JOQQ	Import Data from Excel	
	 Description: The viscard guides you to select an imported table heading and model element, and then create a mapping diagram to display all properties. 	
L	OK Can	el

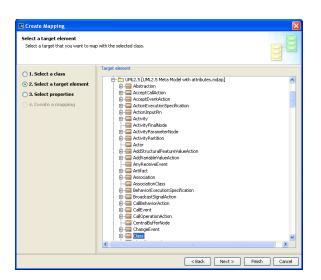
3. The Create Mapping wizard will open the first option page, as shown in the figure below.



4. Select a schema class that you want to map to an element from the treeview and click

Next >

. The Select a target element option page will open, see figure below.



5. Select a target element from the **Target element** tree, see figure above, that you want to map with the selected schema class. The available target elements are UML 2.5 (UML2.5 Meta Modelwith attributes.mdzip) profile for UML element, SysML profile for SysML element, or your own model.

6.	Once you have s	selected the ta	arget element, c	lick either (i)	or (ii)
	Finish	. If you click	Finish	, skip steps 7-10.	

0	If you click Finish at this point, the wizard will:
	 Use all properties of the selected schema class and the selected properties of the target element to create a class mapping.
	 Name the mapping class and mapping diagram according to the following format <sc hemaName> mapping.</sc
	 Save the class mapping and mapping diagram at a location where the schema class is stored.

Select properties Select the properties of the schema	and the target element that you want to map.	B∕E
 1. Select a class 2. Select a target element 3. Select properties 4. Create a mapping 	B: Or (Ar) B: Or (Ar) B: I + Instantian: IML2.5: Extension [0, *] (ML2.5: Class] B: I + Instantian: IML2.5: Extension [0, *] (ML2.5: Class] B: I + Instantian: IML2.5: Extension [0, *] (ML2.5: Class] B: I + Instantian: IML2.5: Extension [0, *] (ML2.5: Class] B: I + Instantian: IML2.5: Extension [0, *] (ML2.5: Class] B: I + Instantian: IML2.5: Extension [0, *] (ML2.5: Class] B: I + Instantian: IML2.5: Operation [0, *] (ML2.5: Class] B: I + Instantian: IML2.5: Operation [0, *] (ML2.5: Class] B: I + Instantian: IML2.5: Operation [0, *] (ML2.5: Class] B: I + Instantian: IML2.5: Class [0, *] (ML2.5: Class] B: I + Instantian: IML2.5: Class [0, *] (ML2.5: Class] B: I + Instantian: IML2.5: Class [0, *] (ML2.5: Class] B: I + Instantian: IML2.5: Class [0, *] (ML2.5: Class] B: Instantian: IML2.5: Class [0, *] (ML2.5: Class] B: I + I_classOfSuperClass : IML2.5: Class [0, *] (IML2.5: Class] B: Instantian: IML2.5: Class [0, *] (IML2.5: Class]	

7. Select the properties of the selected target element to map with the selected schema class. You may select multiple properties.

	Next >		Finish		Finish	
8. Click either (i)		or (ii)		. If you click		, skip steps 9-10.

0	If you click Finish at this point, the wizard will:
	 Use all properties of the target element you have selected to create a class mapping. Name the mapping class and mapping diagram according to the following format <sc hemaname=""> mapping.</sc> Save the class mapping and mapping diagram at a location where the schema class is stored.

🔀 Create Mapping	X			
Create a mapping Name the mapping class and select or create a package to store the mapping.				
 1. Select a class 2. Select a target element 	Mapping name: Engines mapping			
 3. Select properties 4. Create a mapping 	Select diagram owner: Data 1.Imported Heading 2.Mapping 3.Imported Element dss + mapping Sales_recc			
	Create Clone			
	< Back Next > Finish Cancel			

9. Name the to-be-created class mapping in the **Mapping name** text box and select a package that will contain the class mapping and diagram from the treeview, see figure above.

10. Click Finish . The new mapping diagram will appear in the Containment tree and on the diagram showing the mapped properties of the schema class and the element.