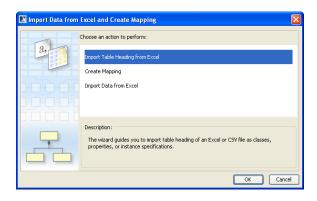
Importing a schema class by using the wizard

This method helps you import table headings from a text or a spreadsheet file as schema classes.

To import data from an Excel or CSV file to a MagicDraw project as a schema class by using the wizard

 Click File on the MagicDraw main menu and click Import From > Excel/CSV File. The Import Data from Excel and Create Mapping dialog will open and the Import Table Heading from Excel menu will be selected by default, see figure below.



2. Click OK. The Import Table Heading from Excel wizard will open, see figure below.

📓 Import Table Heading	rom Excel		
	Optionally, you can import row:	dasses and properties. To get started, select s as instance specification(s) and create	
 1. Select a file 2. Select sheets 	Select a file:		Browse
 2. Select sneets 3. Select a package 	Select a delimiter: , (Comm	a} Others:	
🔵 4. Create a diagram	Specif	y starting header row 1	
	Import	t each row as an instance specification	
	Create	e a mapping diagram	
	Description:		
		< Back Next > Finish	Cancel

- Browse
- 3. Click to find an Excel or CSV file that you want to import. The Select a file dialog will open, see figure below.

🔀 Select a file						
Look in:	🛅 Product Sp	ec		~	🦻 📂 🛄 -	
My Recent Documents Desktop My Documents My Computer	Boat Engin boats-engi boats-engi Excel-Map- Test CSV.c	nes.xls nes.xlsx Meta Model.xlsx				
My Network	File name:	Boat Engine.xls				Open
Places	Files of type:	All supported typ	es		~	Cancel

4. Select the file and click **Open**. The path filename of the selected file will appear in the **Select a file** box, see the figure immediately below. If you select a *CSV* file, the

Select a delimiter:	Others	~	Others:	;

for you to choose a delimiter used in your file, see the second figure below.

🛃 Import Table Heading	from Excel		
	import. Optionally, yo	W file into classes and properties. To get started, u can import rows as instance specification(s) and I.	
I. Select a file 2. Select sheets 3. Select a package 4. Create a diagram	Select a file: Select a delimiter: Description:	D:\Product Spec\Boat Engine.xls , {Comma} Others: Specify starting header row I I Import each row as an instance specification Create a mapping diagram	Browse
	File Type: Excel Fil	e 	ish Cancel

	SV file to import. Optio	V file into classes and properties. To get nally, you can import rows as instance ed data for mapping.
 1. Select a file 2. Select sheets 	Select a file:	D:\Product Spec\Profile.csv Browse
3. Select a package	Select a delimiter:	, {Comma} (Comma) (Semicolon) (Semicolon) (Colon) (Tab) (Space) Others Create a mapping diagram
	Description: File Type: CSV File	

5. Once you have selected the file to import as a schema class, see figure below, you can:

	Specify starting header row 1
(i) Select the	check box if you want Exce
Import to start im	ort headings at a specific row.
(ii) Select the	Import each row as an instance specification check box if you want to
()	he file as instance specifications of the schema class. For more information
	stance specifications, see section Importing Data to a Schema Class or
Importing Data T	rough a Class Mapping and Mapping a Schema Class to an Element
(iii) Select the	Create a mapping diagram check box if you want to map the to-be-importe
	n element in your project. For more information about diagram mapping, see
section Mapping	Schema Class to an Element.
🔀 Import Table Heading	om Excel
Select a file	ig of an Excel or CSV file into classes and properties. To get started,
	port. Optionally, you can import rows as instance specification(s) and
③ 1. Select a file	Select a file: [D:\Product Specißoat Engine.xls Browse
🔿 2. Select sheets	
 3. Select a package 4. Create a diagram 	Gelect a delimiter: , {Comma} Others:
0	Specify starting header row 1
	Import each row as an instance specification
	Create a mapping diagram
	Description:
	File Type: Excel File
	< Back Next > Cancel
u mou oliok cithe	(i) Finish Next > and skip stops 7 to 14 or (ii)
u may click eithe	

sheets option page will open, see figure below.

(j)	If you click Finish at this point, the wizard will:
	 Import table headings in all sheets that contain data as schema classes. Save the schema classes under the Data module. Create a class diagram to represent the schema classes and save it under the Data module.
0	 The wizard will skip the Select sheets option page if: A selected Excel file has only one sheet. A selected Excel file has several sheets but only one sheet contains data. A CSV file is selected.

Import Table Heading from	n Excel		
Select sheets Select a specific sheet in an Excel	file to import.		
1. Select a file Image: Comparison of the comparison o	Sheet Name Boat Sheet Engine		

7. You can select more than one sheet (if the file has multiple sheets contain data). All of the sheets in the file to be imported are selected by default.

	u may click either (age option page wi	,	and skip steps 9 to 14, or (ii) e below.	Next >	and the Select
0	If you click	inish at this	point, the wizard will:		

- Import table headings in the selected sheets as schema classes.
- Save the schema classes under the **Data** module.
- Create a class diagram to represent the schema classes and save it under the **Data** module.

Import Table Heading Select a package Select or create a package to	o store all imported data.
 1. Select a file 2. Select sheets 3. Select a package 4. Create a diagram 	Select a padage
	Smart Package < Back

9. Select a package as the owner of the to-be-imported schema class and/or its instance specifications, see figure above. You can:

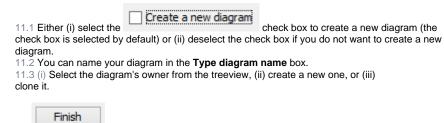
(i) Select an existing package by selecting it from the treeview,

		one by clicking the	Clone	button, or		
	Import Table Heading Select a package Select or create a package to			×		
	 1. Select a file 2. Select sheets 3. Select a package 4. Create a diagram 	Select a package	Create	e Cone		
		<	Back Next >	ish Cancel		
	lick either (ii) n. The Create a	Finish and ski diagram option page	p steps 11-12, c will open, see f	or (ii)	ct > to	o create a mapping
0	If you click	Finish at this p	oint, the wizard	will:		

- Save the schema classes under the selected package.
- Create a class diagram to represent the schema class under the Data module.

✓ Create a new dlagram ppe dlagram name: toat Engine dlagram dlagram	
Cable Constant Constant	Clone
	I. Imported Heading If any of the second s

11. In this step, you need to do several things:



12. Click . The Excel Import plugin will import data from the selected file as a schema class and/or its instance specifications and display them under the selected or created package in the Containment tree in MagicDraw. If you create a new diagram, it will open and display the schema class on the diagram pane, see figure below.

Be Containment 📱 Structure 🐉 Diagrams	Boat Engine diagram × 4 ▷ 0
Contained Contained B = 1 = 2 × 0 = 1 + 2 × 0 B = 1 = 2 × 0 = 1 + 2 × 0 B = 1 = 1 + 2 × 0 = 1 + 2 × 0 B = 0 + 2 × 0 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 + 2 +	Image: Large Large Large Image: Large Large Large Image: Large