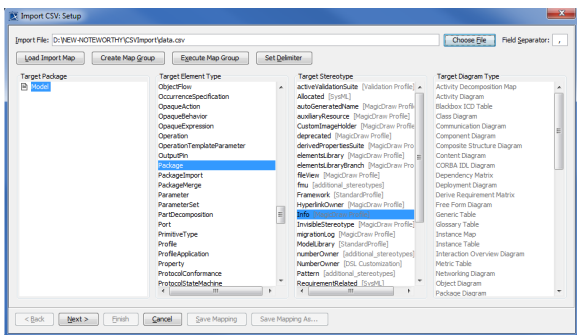# CSV Import setup

After you open a project, you can start the *CSV* Import plugin by clicking **File** > **Import From** > **Import CSV** on the MagicDraw main menu. The **Import CSV: Setup** dialog, see figure below, will appear.

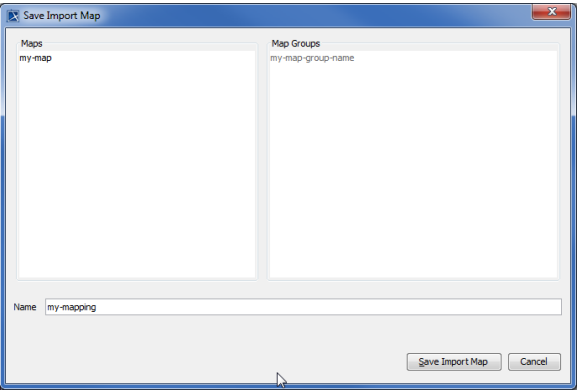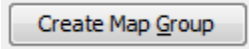The **Import CSV: Setup** dialog allows you to:

- Choose a *CSV* file to import.
- Declare a field separator, (the default field separator is comma) if you want to use a character other than a comma in your *CSV* file.

- Select a **Target Package** . This is the package where the imported object(s) will be stored.

- Select a **Target Element Type** .

- Select which **Target Stereotype** to apply.

- Choose a **Target Diagram Type** (necessary if you choose target type of Diagram).

There is additional functionality available on the Import *CSV* Setup screen. The table below lists them all.

> ⊘ If you do not specify the **owner** property while importing, the package into which you import will become its owner by default.

Element	Functionality
Import File: D:\NEW-NOTEWORTHY\CSVImport\data.csv [Choose File]	The **Choose File** button allows you to browse and select a *CSV* file that you want to import into MagicDraw.
Field Separator: ,	The **Field Separator** text box displays the current field separator.
[Load Import Map]	The **Load Import Map** button opens the Model Imports dialog shown in the next row.

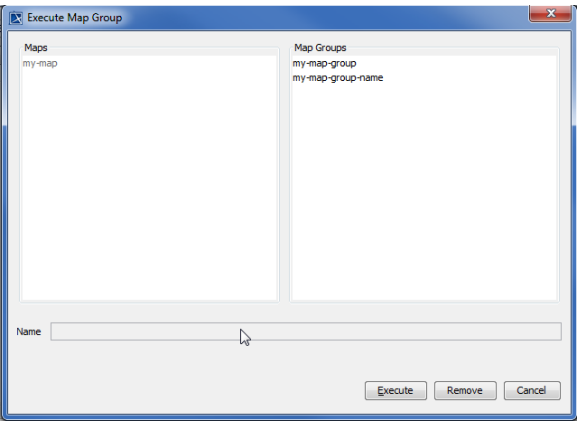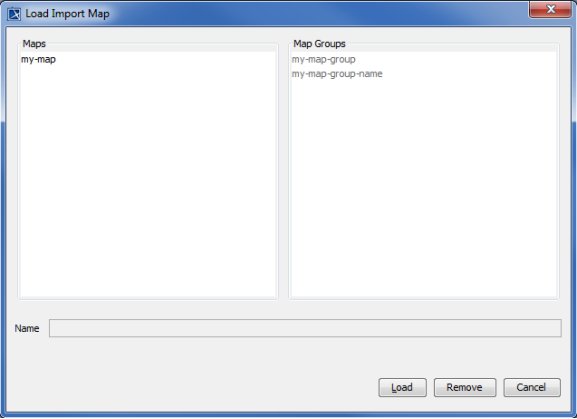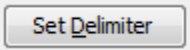|	
Save Import Map dialog Maps my-map Map Groups my-map-group-name Name: my-mapping [Save Import Map] [Cancel]	This **Save Import Map** dialog allows you to save the mapping from the current import and also enables you to provide a name for the mapping. An **import map** in the Maps column contains the mapping that has previously been saved into the model. An import map is a set of associations between columns from the *CSV* file and the properties they have been mapped to.
Create Map Group	The **Create Map Group** button opens the **Create Map Group** dialog in the next row.
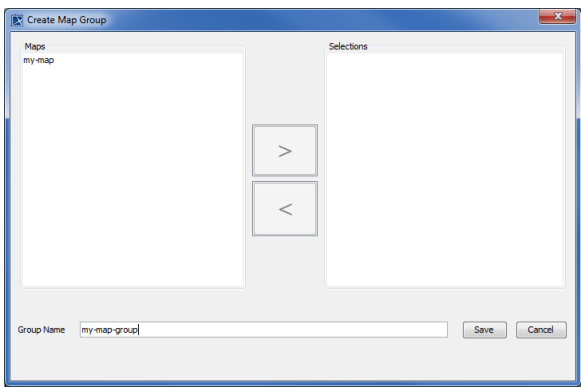
A **Map Group** is a set of saved maps that are grouped under a specific map group name. Executing a map group will execute all the saved maps within it sequentially.

The **Create Map Group** dialog lets you create a map group by specifying its name and also lets you move individual map files into or out of your map group using the buttons marked **>** and **<**.

See section - *Saving Your Choices* – Save Import Map, Load Import Map, Save Map Group, and Execute Map Group for more information about this dialog.
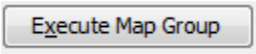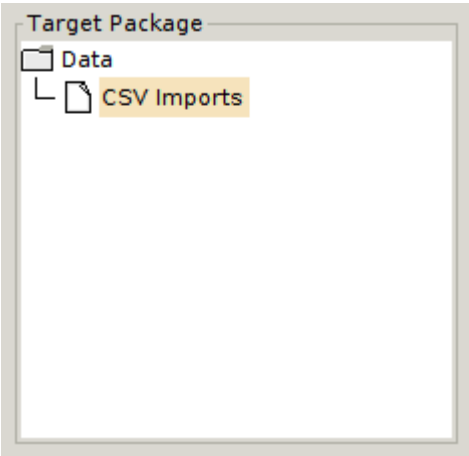

Clicking the **Execute Map Group** button brings up the **Model Imports** dialog shown in the next row.

	The **Execute Map Group** dialog lists all the saved maps and map groups and allows you to execute them. See section - *Saving your choices* – **Load Import Map**, **Create Map Group**, and **Execute Map Group** for more information about this dialog.
	Clicking the **Load Import Map** will bring up the dialog shown on the next row.
	The **Load Import Map** dialog, shown alongside, enables a user to load an Import Map or remove it from the Map Group.
	Clicking the **Set Delimiter** button will open the **Set Delimiter** dialog shown in the next row.
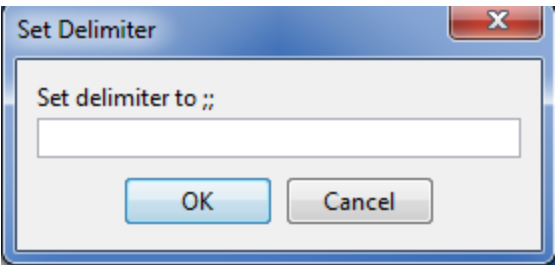
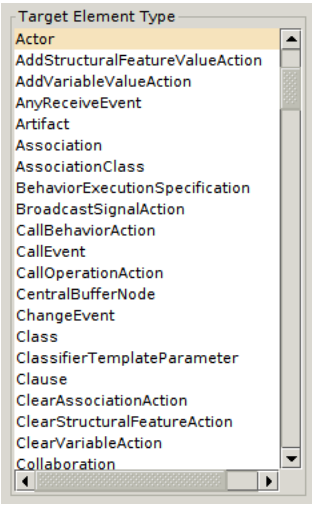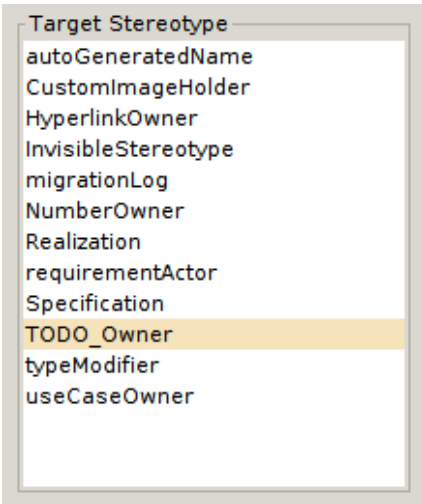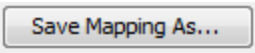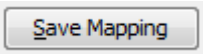|	
Set Delimiter Set delimiter to ;; [ ] OK Cancel	A value within a single cell may assume multiple values by using this character as the separator. As opposed to the field separator which separates different column values, the delimiter separates values within a single column value.
Target Package ☐ Data └ 🗎 CSV Imports	This **Target Package** column allows you to select a package into which you wish to import the *CSV* file contents.
Target Element Type Actor AddStructuralFeatureValueAction AddVariableValueAction AnyReceiveEvent Artifact Association AssociationClass BehaviorExecutionSpecification BroadcastSignalAction CallBehaviorAction CallEvent CallOperationAction CentralBufferNode ChangeEvent Class ClassifierTemplateParameter Clause ClearAssociationAction ClearStructuralFeatureAction ClearVariableAction Collaboration	The **Target Element Type** list allows you to select the type of object you are trying to import. This type will be applied for all rows in your *CSV* file.
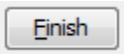
Target Stereotype autoGeneratedName CustomImageHolder HyperlinkOwner InvisibleStereotype migrationLog NumberOwner Realization requirementActor Specification TODO_Owner typeModifier useCaseOwner	The **Target Stereotype** list is a list of stereotypes you can apply to your target element. Selecting the **Target Stereotype** is optional. Obviously, different target elements have different sets of applicable stereotypes.
Save Mapping As...	The **Save Mapping As** button enables you to save the mapping from the current import into the model. Clicking this button brings up a dialog which allows you to specify a name for the mapping.
Save Mapping	The **Save Mapping** button also brings up a dialog which enables you to save the mapping from the current import into your model.
< Back Next >	The **Back** and **Next** buttons are for navigating the *CSV* Import plugin wizard interface, the first screen of which is the **Setup** screen. Clicking **Next** will display the **Mapping** screen.
Finish	The **Finish** button. This is enabled only after you have completed both the setup and mapping steps of the wizard.

Cancel	The **Cancel** button allows you to exit the *CSV* Import wizard interface.