How to draw a Package Diagram in UML

[Package diagram](#) is a kind of [UML diagram](#) that shows the arrangement and organization of model elements in middle to large scale project. It can show both structure and dependencies between sub-systems or modules.
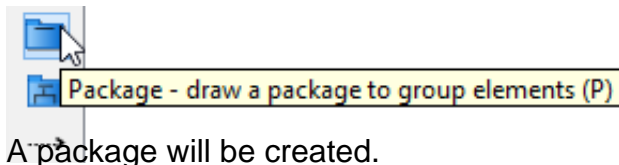
Creating package diagram

Perform the steps below to create a UML package diagram in Visual Paradigm.
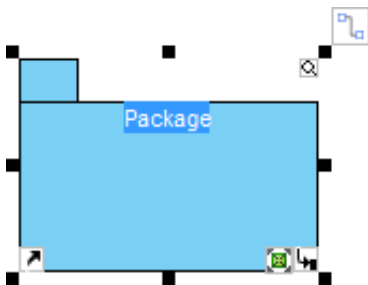
1. Select **Diagram > New** from the application toolbar.
2. In the **New Diagram** window, select **Package Diagram**.
3. Click **Next**.
4. Enter the diagram name and description. The **Location** field enables you to select a model to store the diagram.
5. Click **OK**.

Creating package

To create package in package diagram, click **Package** on the diagram toolbar and then click on the diagram.
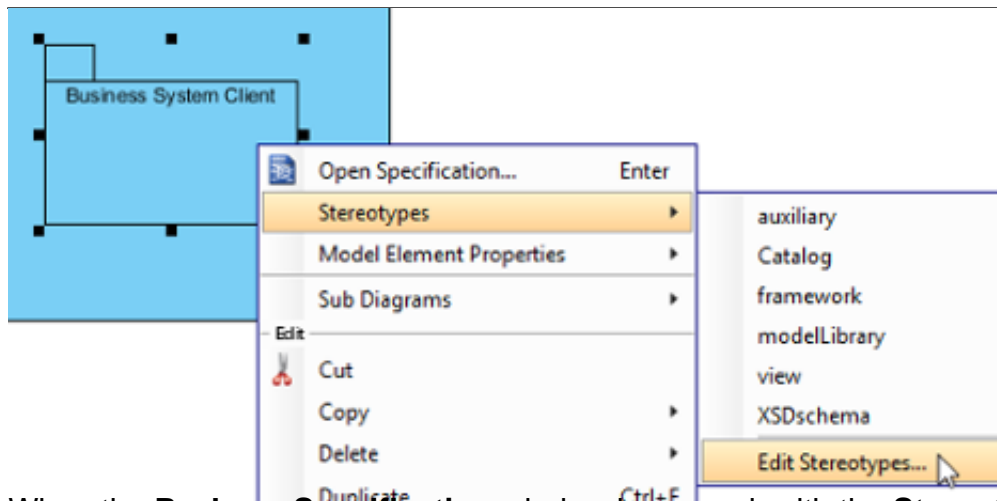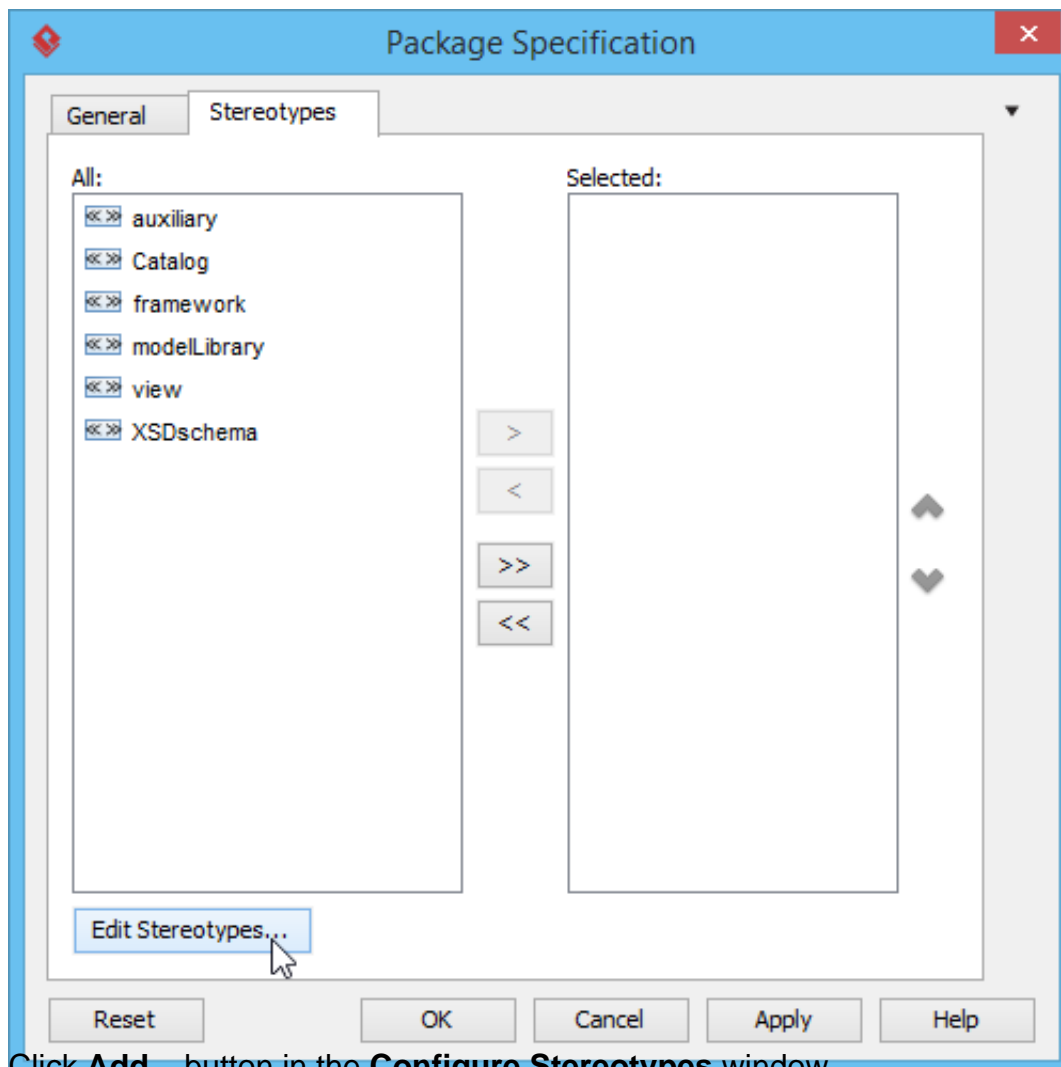

A package will be created.

Assigning stereotypes

Right click on the package and select **Stereotypes** > **Edit Stereotypes**... from the pop-up menu.
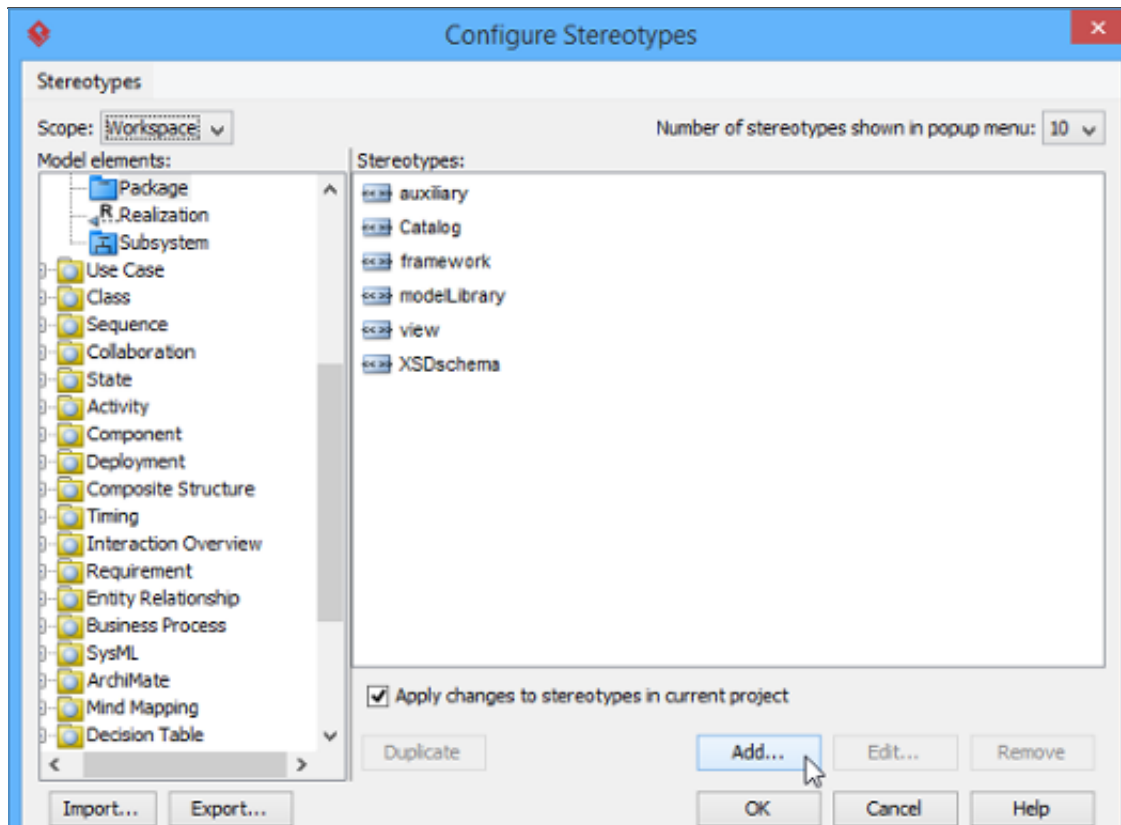
When the **Package Specification** window is opened, with the **Stereotypes** tab selected. The list on the left shows the selectable stereotypes.
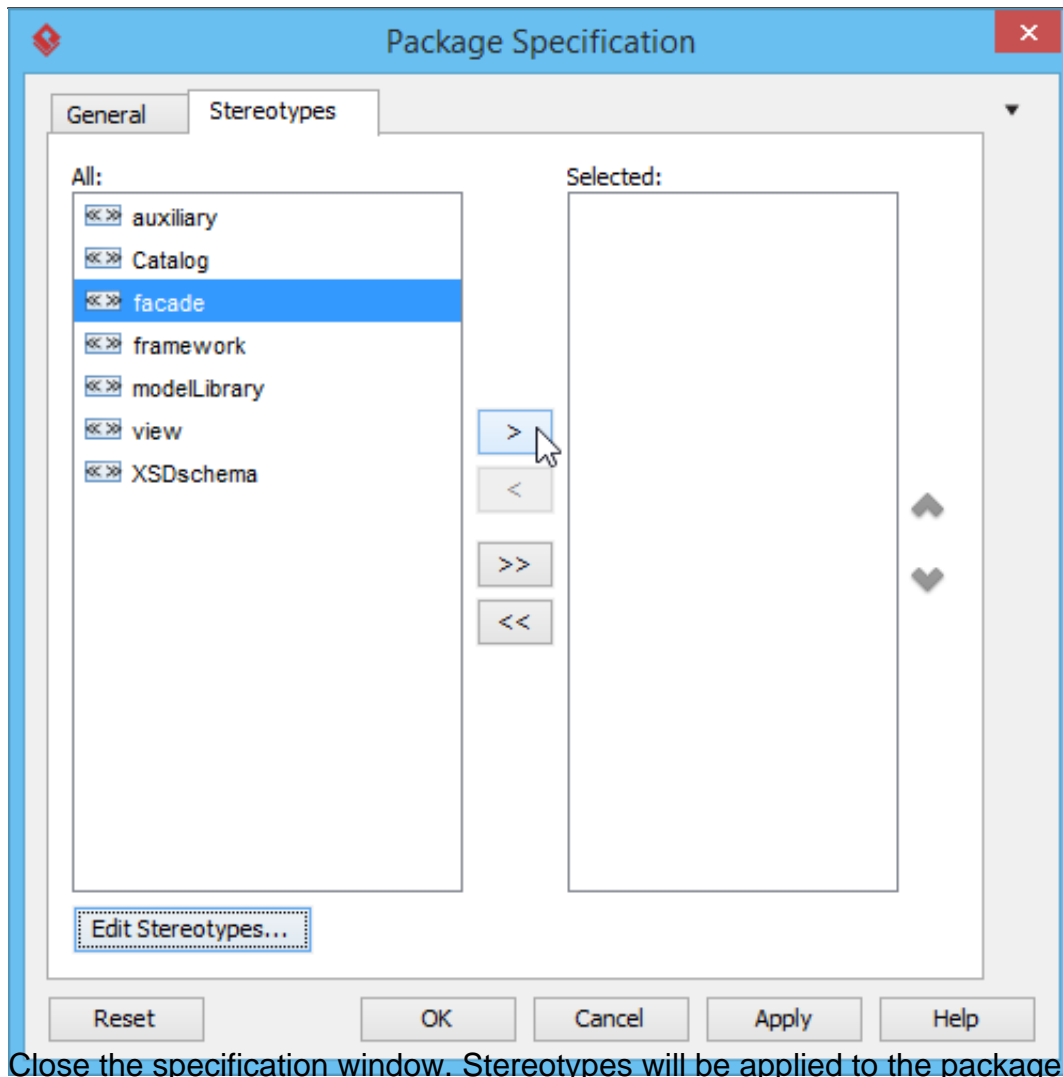
If the stereotype you want to use is not on the list, click **Edit Stereotypes...** button.
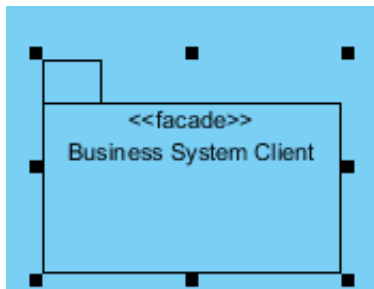

Click **Add...** button in the **Configure Stereotypes** window.

Enter name for the new stereotype (e.g. *facade*). Click **OK** button in **Stereotype Specification** window and the **Configure Stereotypes** window. You will see the added stereotype appears on the list in **Package Specification** window. Select it and click **Add Selected** button. Next, click **OK** button to proceed.

Close the specification window. Stereotypes will be applied to the package.

Continue to complete the diagram.