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# 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.

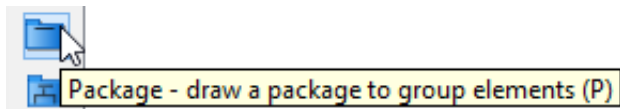
## Creating package diagram

Perform the steps below to create a UML package diagram in Visual Paradigm.

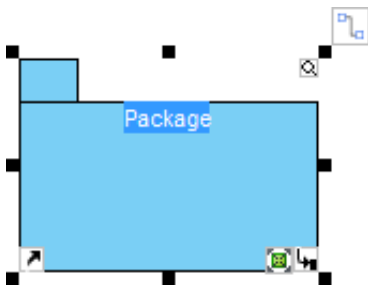
1. Select **Diagram > New** from the application toolbar.
2. In the **New Diagram** window, select **Package Diagram**.
3. Click **Next**.
4. Enter the diagram name and description. The **Location** field enables you to select a model to store the diagram.
5. Click **OK**.

## Creating package

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

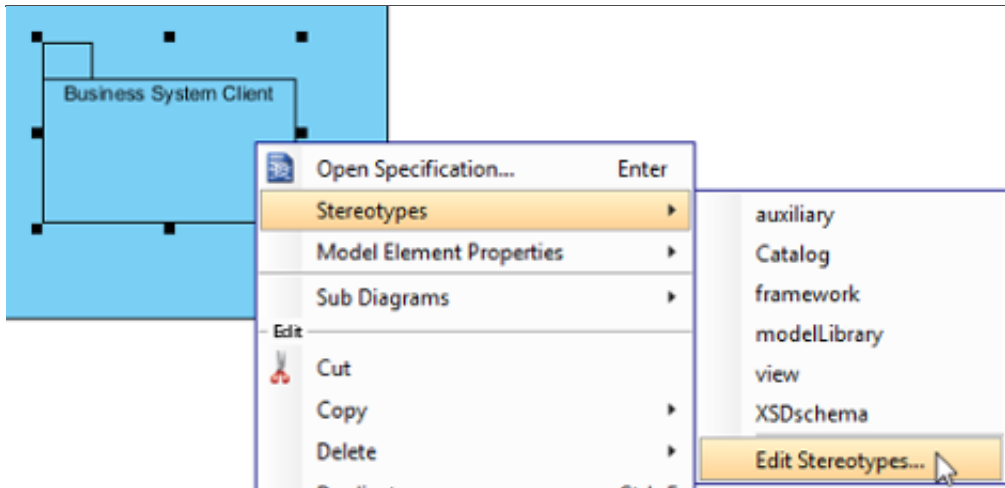


A package will be created.



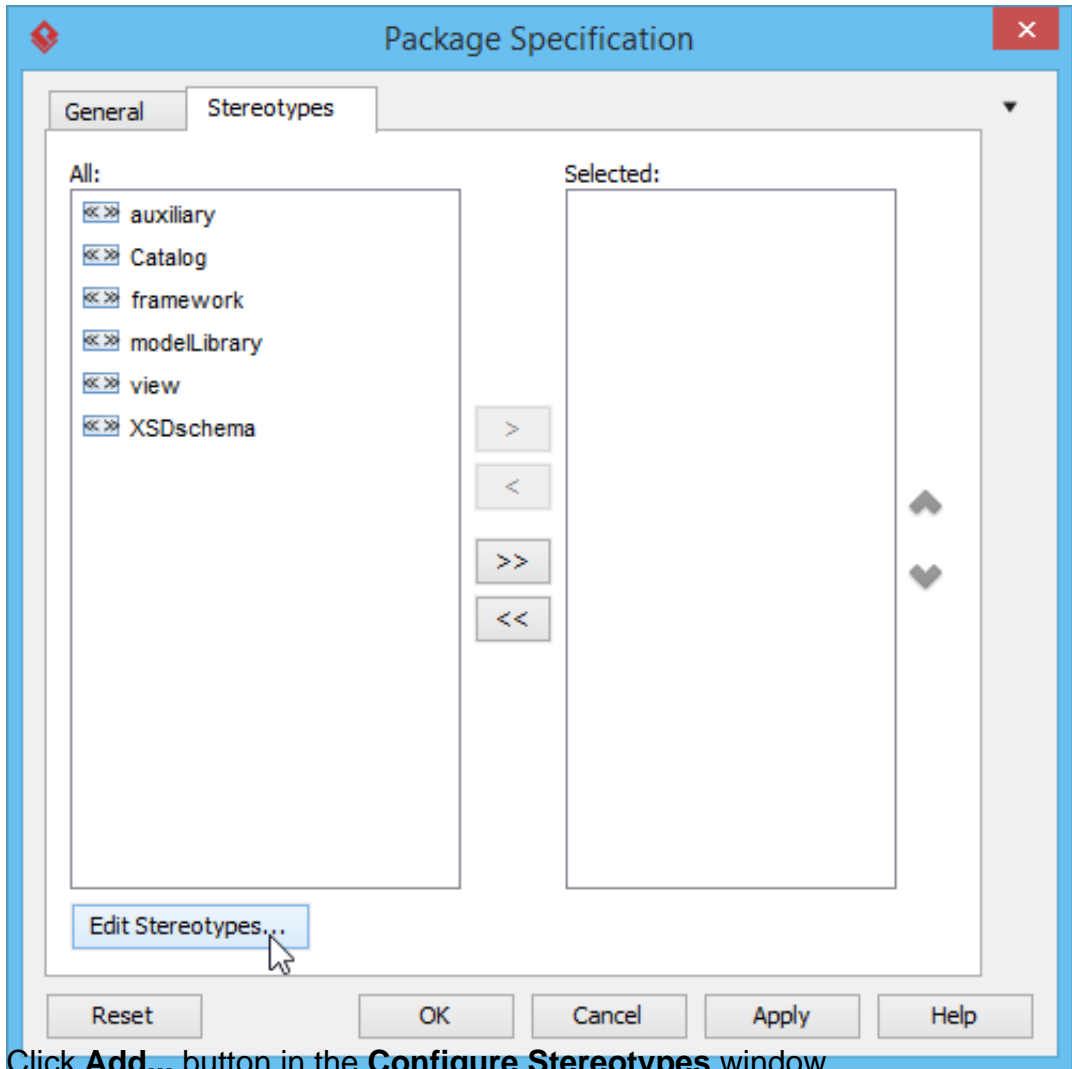
## Assigning stereotypes

Right click on the package and select **Stereotypes > Edit Stereotypes...** from the pop-up menu.

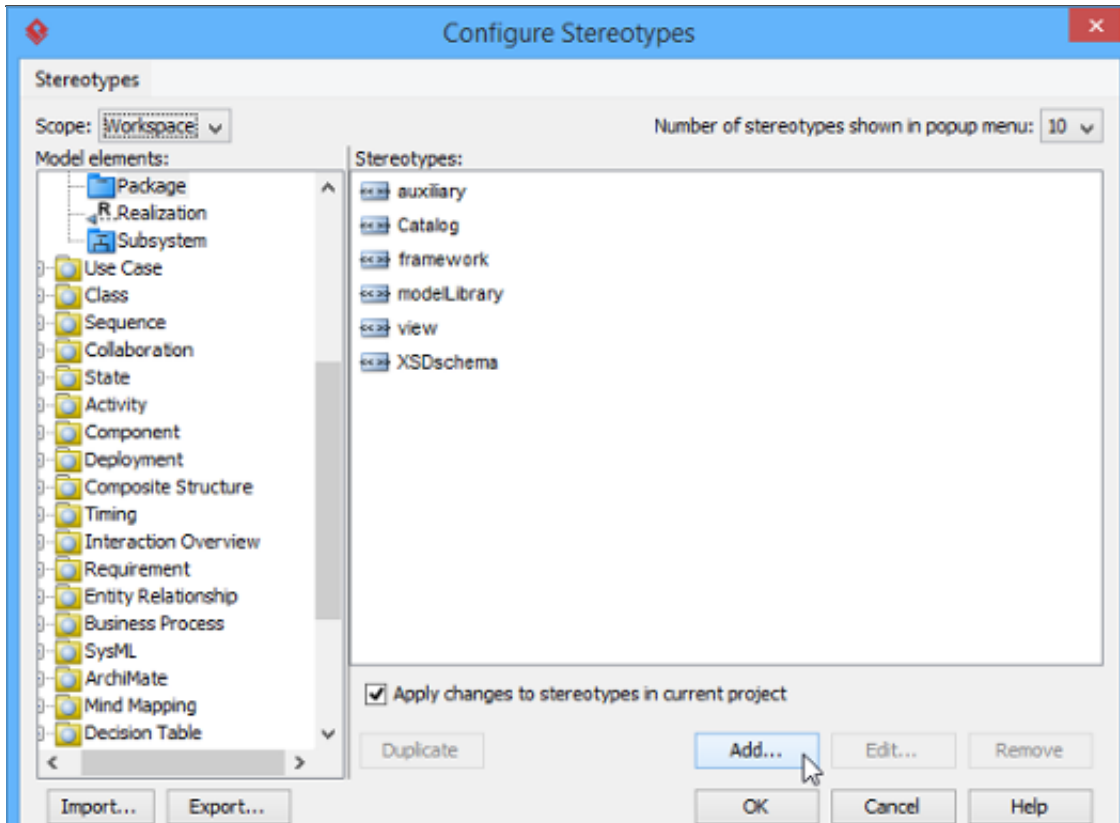


When the **Package Specification** window is opened, with the **Stereotypes** tab selected. The list on the left shows the selectable stereotypes.

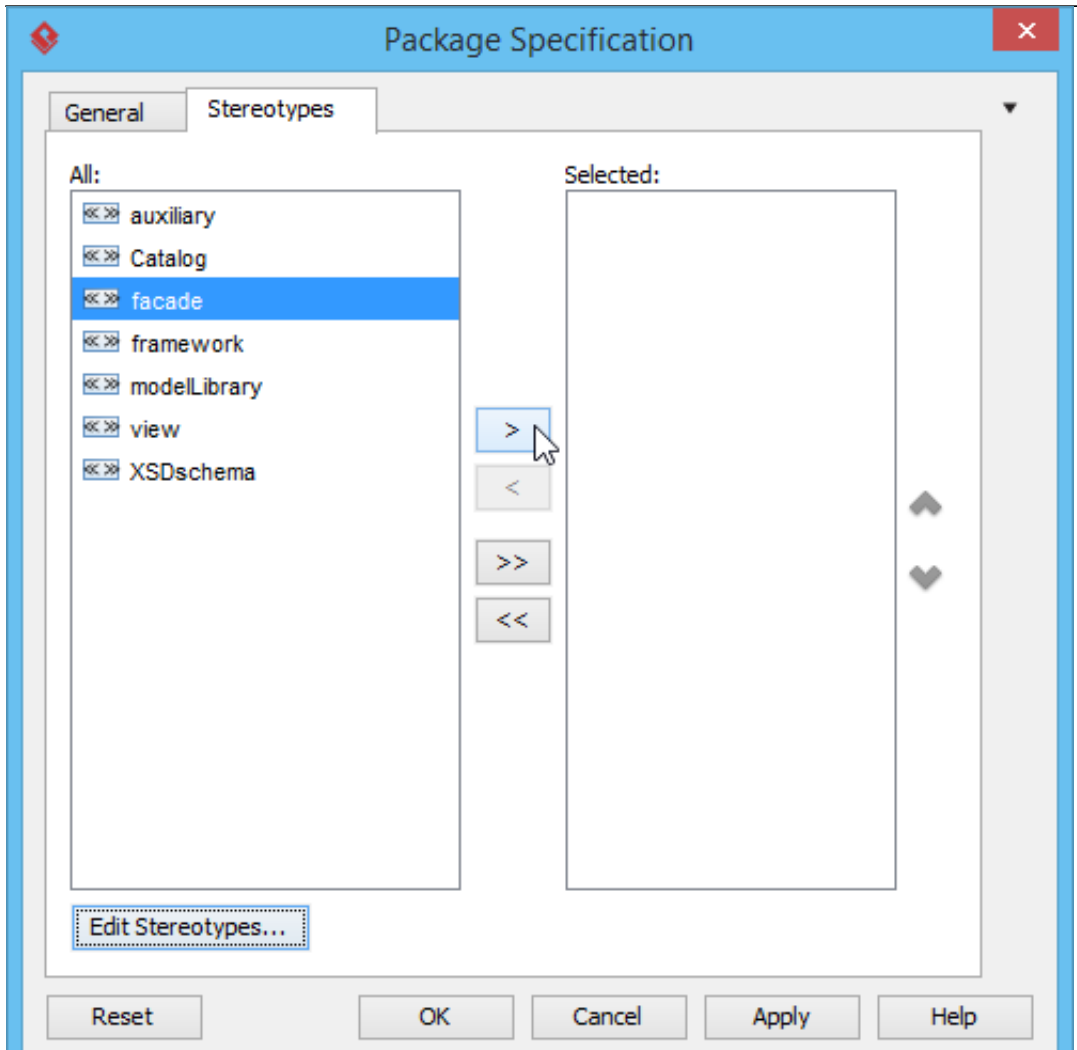
If the stereotype you want to use is not on the list, click **Edit Stereotypes...** button.



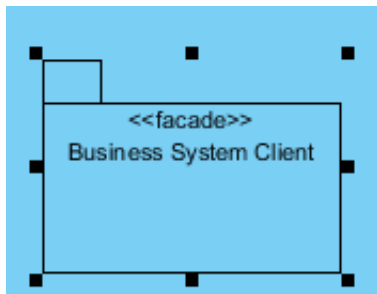
Click **Add...** button in the **Configure Stereotypes** window.



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.

