How to draw a Deployment Diagram in UML

[Deployment diagram](#) is a kind of [UML diagram](#) that shows the physical aspects of an object-oriented system. It also shows the configuration of run time processing nodes and artifacts.
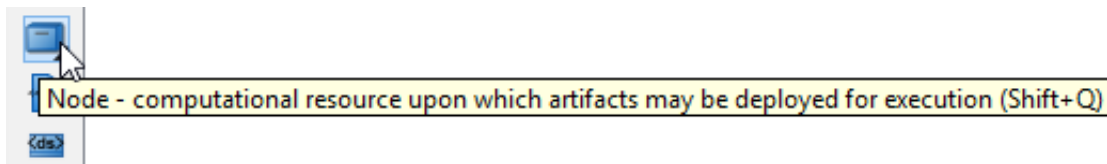
Creating deployment diagram

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

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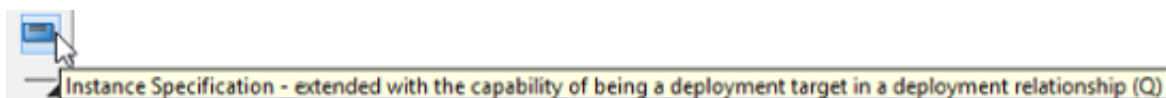5. Click **OK**.

Creating node

To create node in deployment diagram, click **Node** on the diagram toolbar and then click on the diagram.
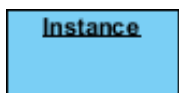

Creating instance of node

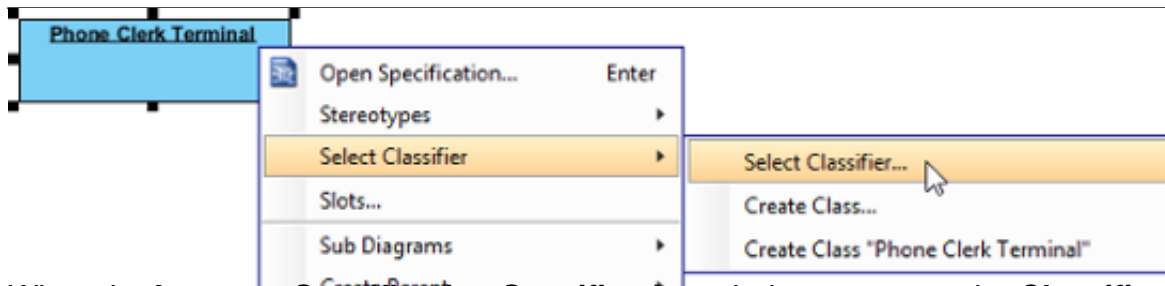To create instance of node, click **Instance Specification** on the diagram toolbar and then click on the diagram.

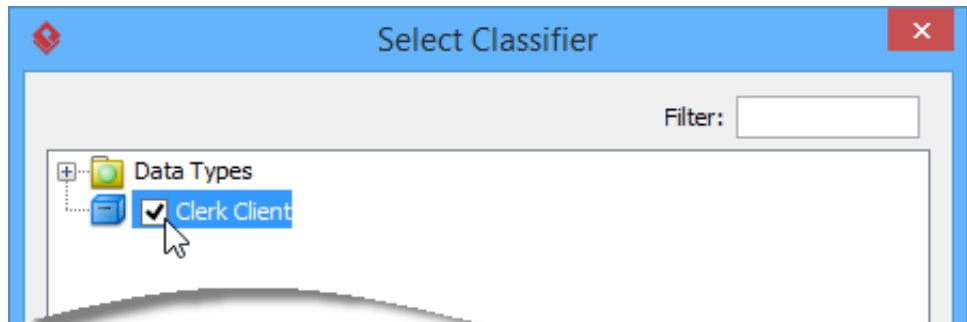
An instance specification will be created.
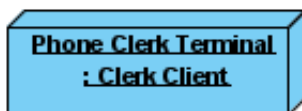

Selecting classifiers

To specify classifiers for an instance specification, right-click it and select **Select Classifier** > **Select Classifier...** from the pop-up menu.

When the **Instance Specification Specification** window pops out, the **Classifiers** tab is opened by default. Click **Add...**. Then, select the classifier(s) in the popup window and click **OK**.
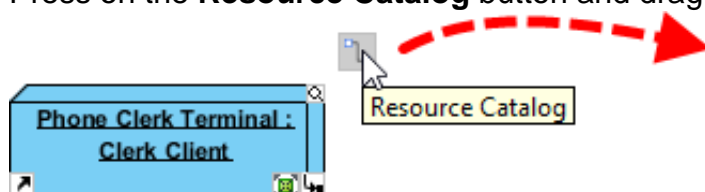

Click **OK** button to close the specification window. The selected classifiers are assigned to the instance specification.
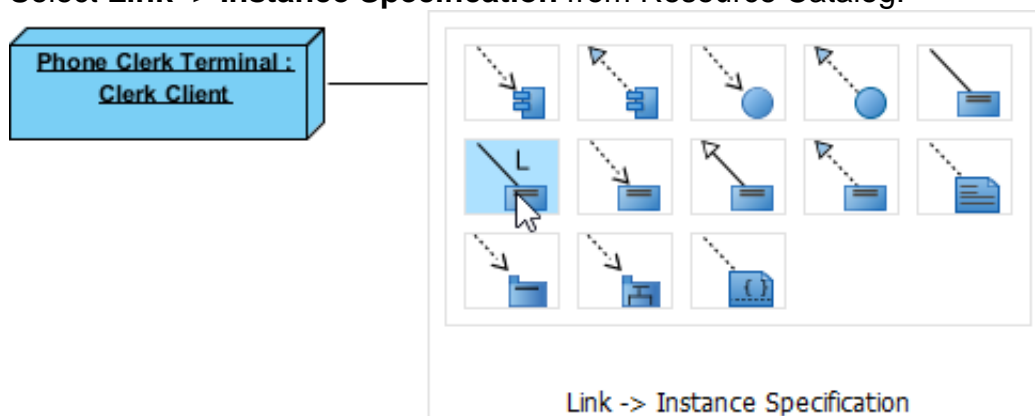

Creating link

To create link from instance specification:

1. Move your mouse pointer over the source shape.
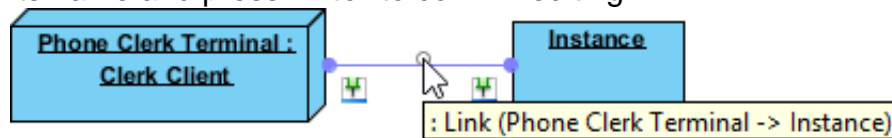2. Press on the **Resource Catalog** button and drag it out.

3. Release the mouse button at the place where you want the instance specification to be created.
4. Select **Link -> Instance Specification** from Resource Catalog.
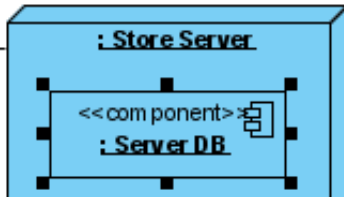

5. A new instance specification will be created and is connected to the source shape. Enter

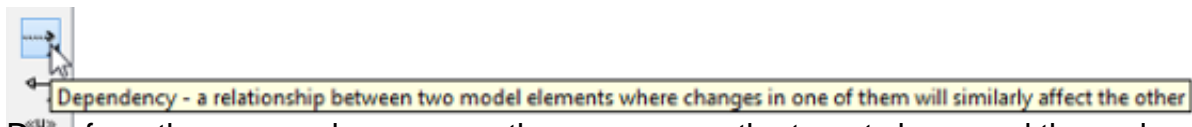its name and press **Enter** to confirm editing.

Creating instance of component

Similar to creating instance of node, you first create a component model element and then create an instance specification. However, this time assigns a component to the instance specification as classifier. After that the instance specification will be displayed as a component.
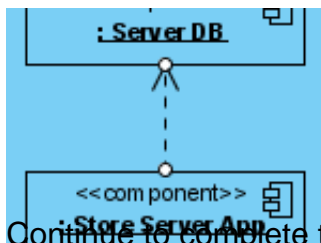

Creating dependency

To create dependency, click **Dependency** on the diagram toolbar.

Dependency - a relationship between two model elements where changes in one of them will similarly affect the other

Drag from the source shape, move the mouse over the target shape and then release the mouse button to create the dependency.

Continue to complete the diagram.