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# How to draw a Interaction Overview Diagram in UML

[Interaction overview diagram](#) is a kind of [UML diagram](#). It is the variant of [UML activity diagram](#) that shows specifically the flow of interaction diagrams like sequence diagrams.

## Creating interaction overview diagram

Perform the steps below to create an UML interaction overview diagram in Visual Paradigm.

1. Select **Diagram > New** from the application toolbar.
2. In the **New Diagram** window, select **Interaction Overview 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**.

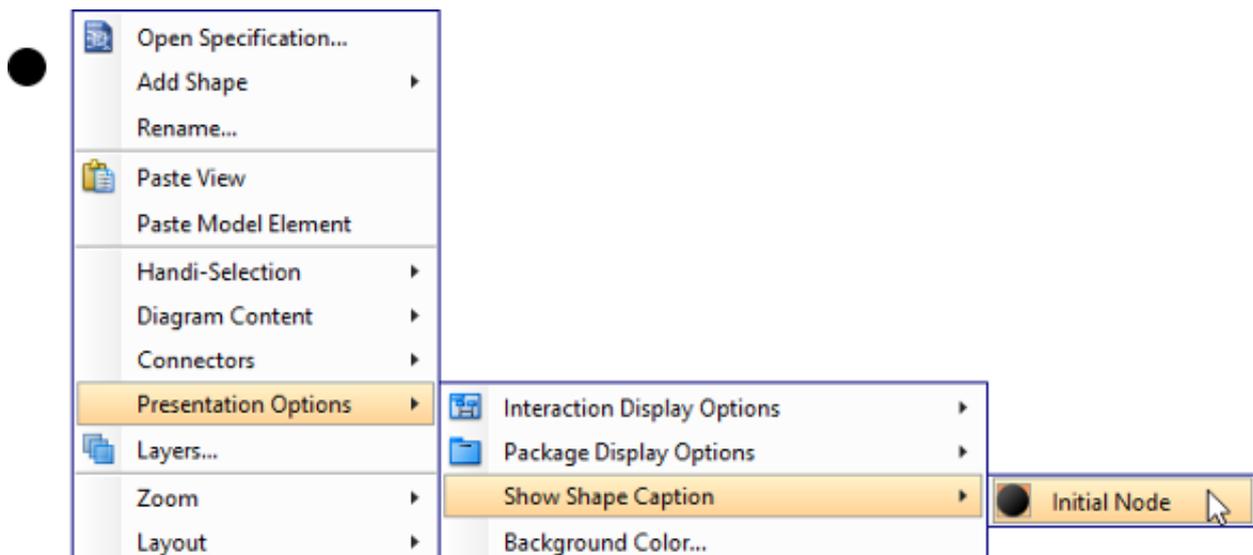
## Creating initial node

Initial node is the beginning of a control flow. To create initial node in interaction overview diagram, click **Initial Node** on the diagram toolbar and then click on the diagram.



Initial Node - a control node at which flow starts when the activity is invoked (B)

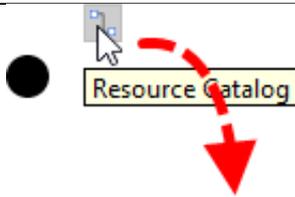
An initial node is created. The caption of initial node is hidden by default, to show it, right-click on the diagram and select **Presentation Options > Show Shape Caption > Initial Node** from the pop-up menu.



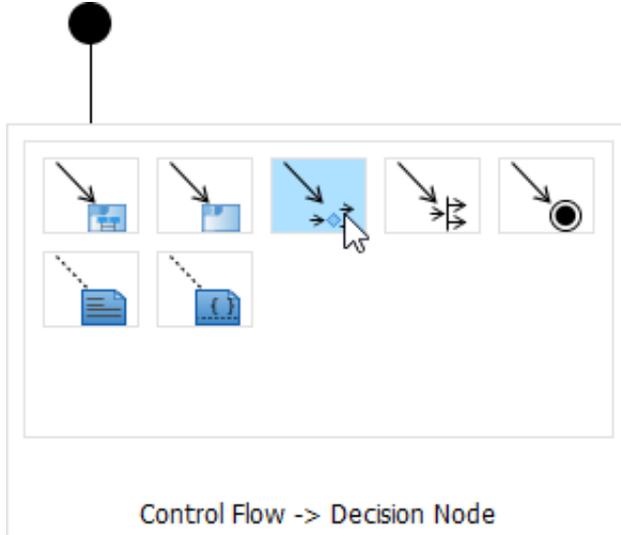
## Creating decision node

To create a decision node from an initial node:

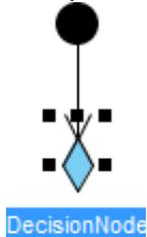
1. Move your mouse pointer over the initial node.
2. Press on the **Resource Catalog** button and drag it out.



3. Release the mouse button at the place where you want the decision node to be created.
4. Select **Control Flow -> Decision Node** from Resource Catalog.



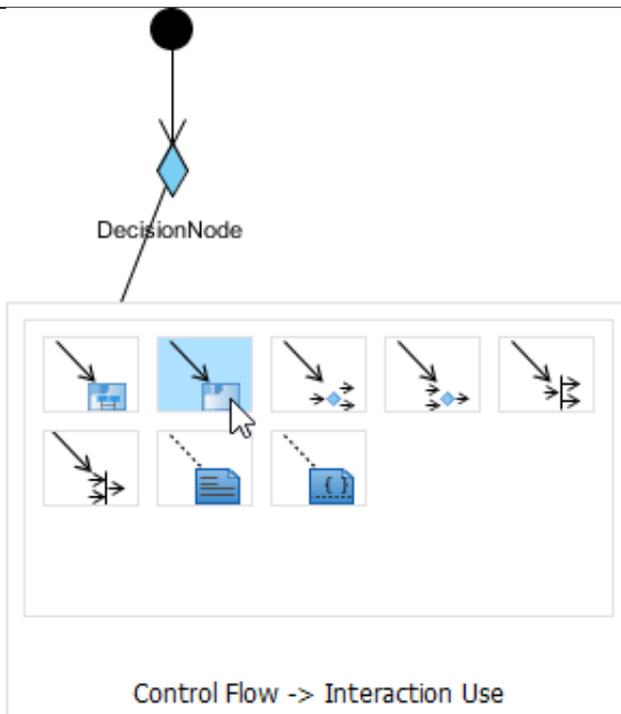
5. A new decision node will be created and is connected to the initial node. Enter its name and press **Enter** to confirm editing.



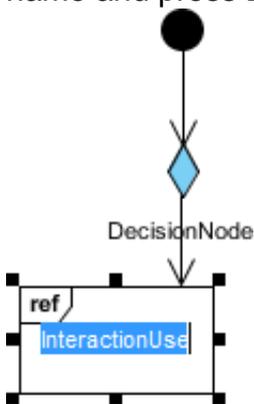
## Creating interaction use

To create an interaction use:

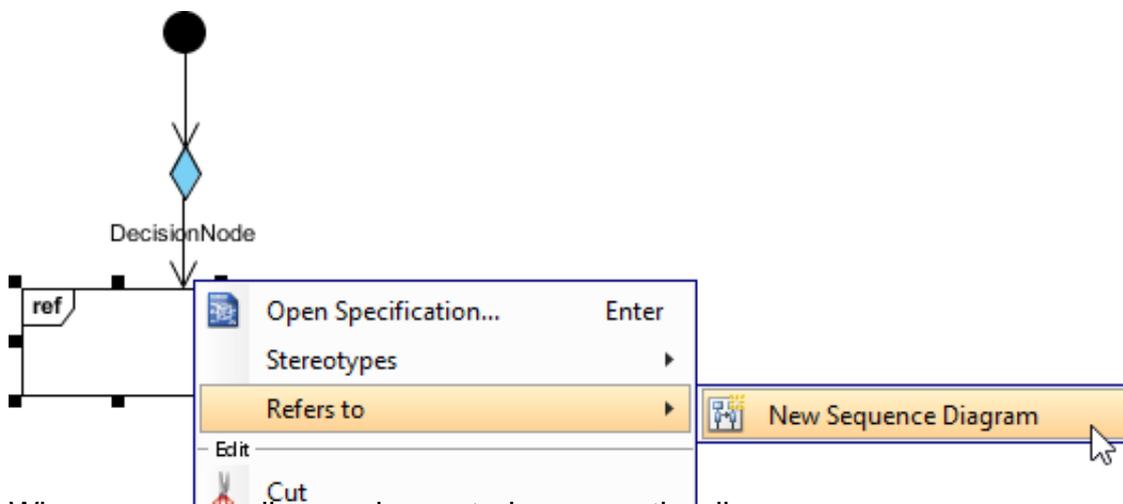
1. Move your mouse pointer over the source shape.
2. Press on the **Resource Catalog** button and drag it out.
3. Release the mouse button at the place where you want the interaction use to be created.
4. Select **Control Flow -> Interaction Use** from Resource Catalog.



5. A new interaction use will be created and is connected to the source node. Enter its name and press **Enter** to confirm editing.



You can make the interaction use refers to a diagram by right clicking on it and select **Refers to > New Sequence Diagram** from the pop-up menu.



When sequence diagram is created, rename the diagram.



**sd**accept admission



When you return to the interaction overview diagram, you can see the interaction use caption shows the diagram it refers to.

