# How to draw a Object Diagram in UML

Object diagram is a kind of UML diagram that shows a snapshot of instances of things in class diagram. Similar to class diagram, it shows the static design of system from the real or prototypical perspective.
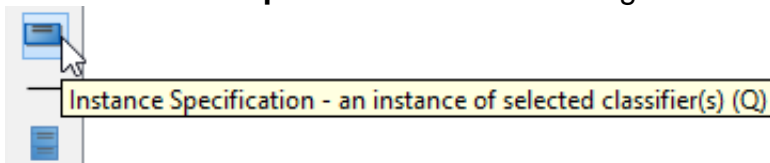
## Creating object diagram

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

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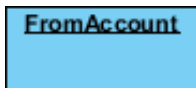5. Click **OK**.

## Creating instance specification

To create instance specification in object diagram:

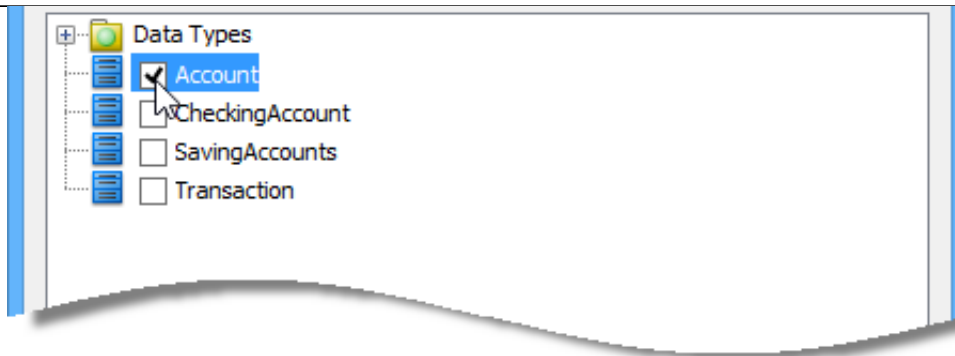1. Select **Instance Specification** from the diagram toolbar.



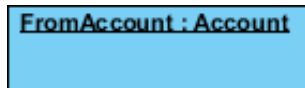2. Click on the diagram to create an instance specification shape. Name it.



### Selecting classifiers

To specify classifiers for an instance specification:

1. Right-click on the desired instance specification shape and select **Select Classifier** > **Select Classifier...** from the pop-up menu.
2. This opens the **Classifiers** tab. Click **Add...** in it.
3. In the **Select Classifier** window, select the class(es) to be the classifier of the instance specification. If you are referencing another project, you can select its model element to be the classifier. Just change the **from project** selection at the top of the window.
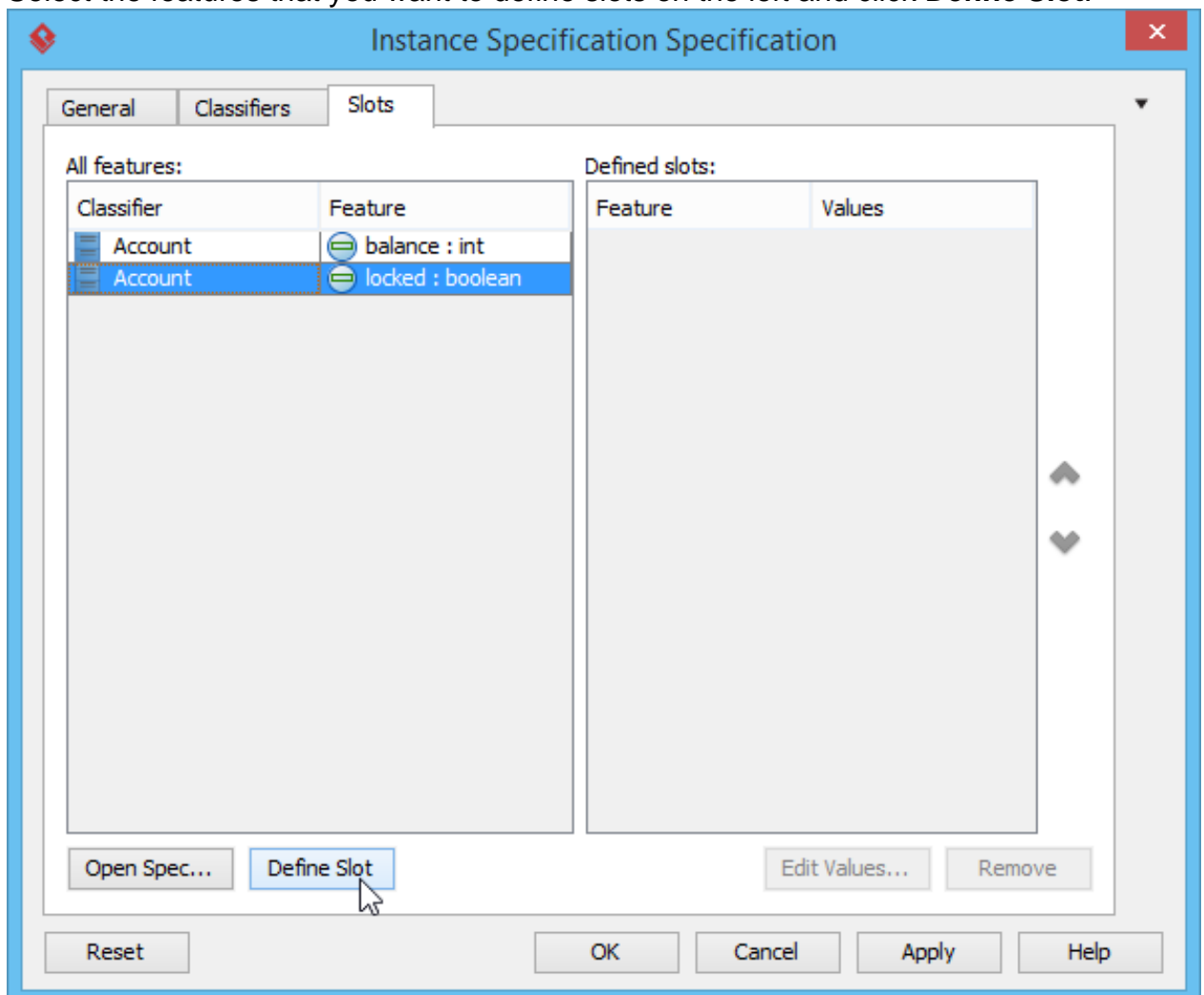
4. Click **OK** to return to the **Instance Specification Specification** window.
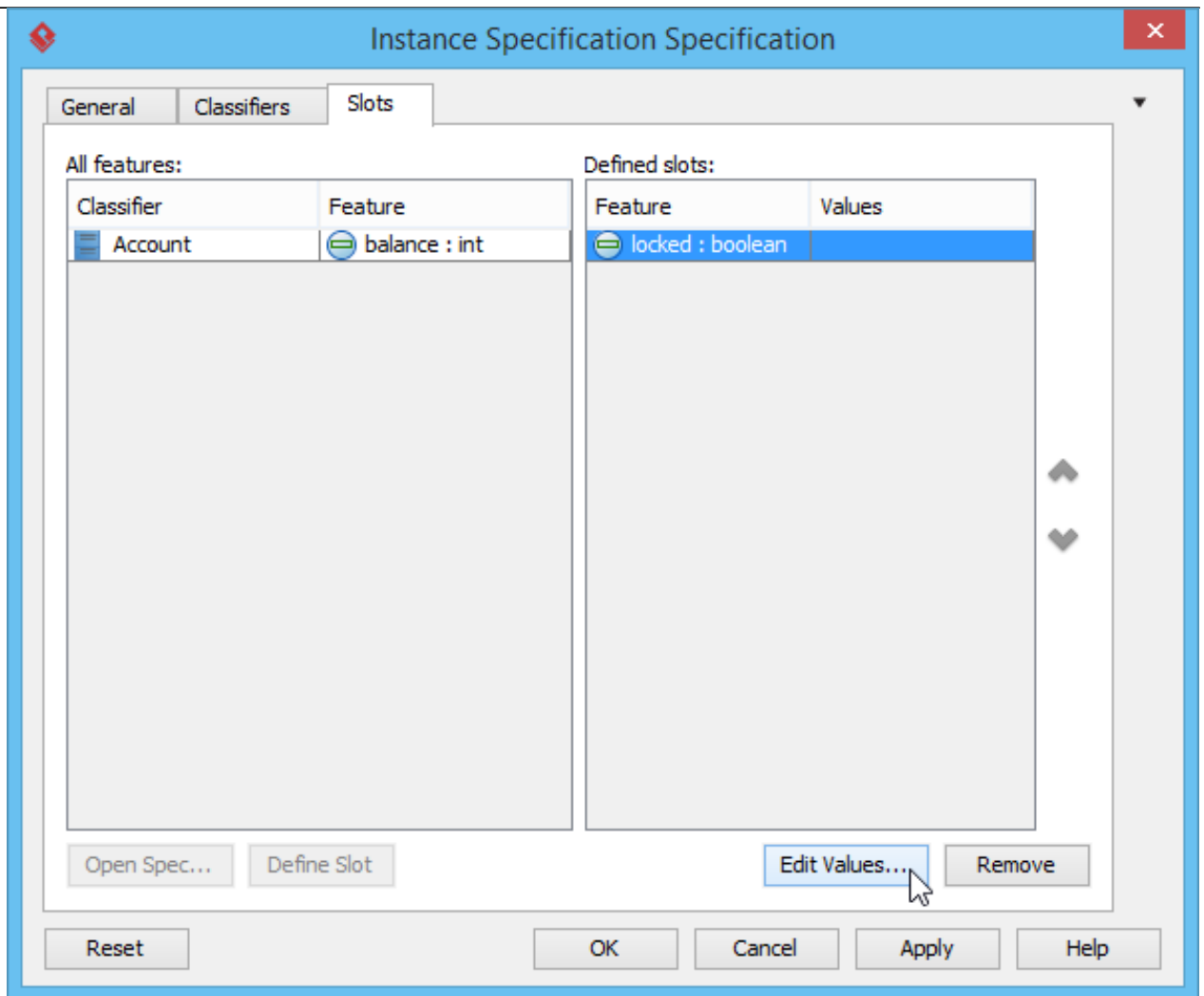5. Click **OK** to return to the diagram.



## Defining slots
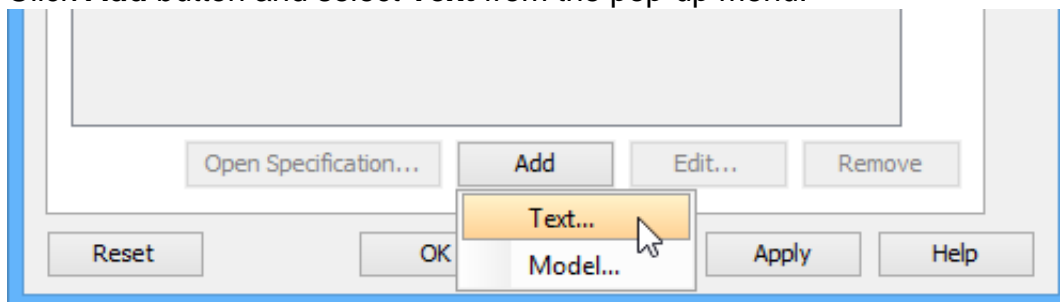
To define slots for an instance specification:

1. Right-click on the desired instance specification shape and select **Slots...** from the pop-up menu.
2. The **Instance Specification Specification** window appears with the **Slots** tab selected. Select the features that you want to define slots on the left and click **Define Slot**.



3. Select a defined slot and click **Edit Values...** at bottom right.

4. The **Slot Specification** window pops out, the **Values** tab is opened by default. Click **Add** button and select **Text** from the pop-up menu.
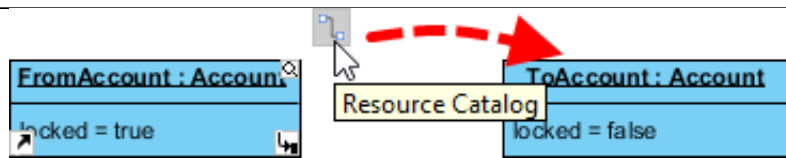


5. Enter the slot value and click **OK** to confirm.
6. Click **OK** again in the **Instance Specification Specification** window to return to the diagram.



# Creating link

To create link between instance specifications:

1. Move the mouse pointer over the source instance specification.
2. Press on the Resource Catalog button and drag it out. Drag to the target instance specification and release the mouse button.

FromAccount : Account
locked = true

ToAccount : Account
locked = false

Resource Catalog

3. Select Link from Resource Catalog. A link is created.



FromAccount : Account
locked = true

ToAccount : Account
locked = false