



Inserting a shape on the path

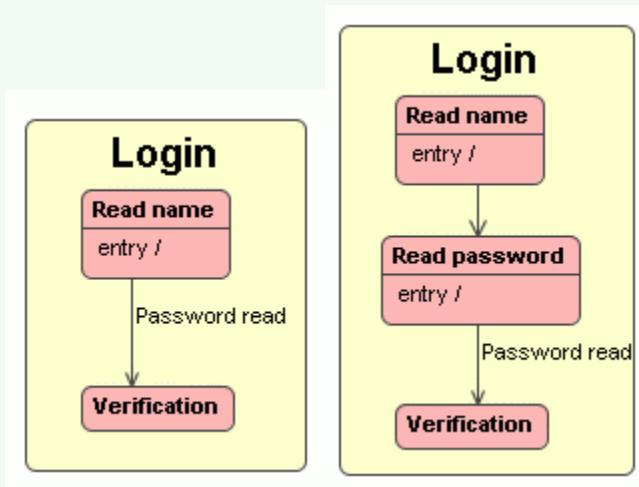
 This functionality is available in the [State Machine](#) and [Activity](#) diagrams.

In the State and Activity diagrams, you can split a path into two paths by dropping a shape on it. This is valid for Transition/ Control Flow/ Object Flow relationships and allows you to connect the element shape with the elements connected via the path.

To insert a new shape by splitting the path on the diagram pane

1. Select the shape you want to insert or create a new one.
 2. Drag the shape on the path (the path is highlighted in blue) and drop it.
 3. In the **Split Transition** dialog, click the appropriate button according to where you want to insert the shape on the path:
- **Before Transition** button. The shape is inserted before the path. It means that a new path is created, then the dropped shape is drawn and then the existing path is drawn.

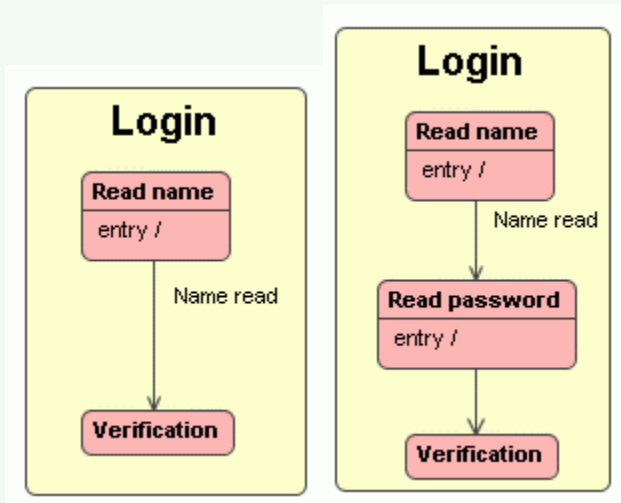
-  For example, *Password read* transition is drawn from *Read Name* State to *Verification* State. If you want to insert the *Read password* State before the *Password read* Transition, drop the *Read password* State on the Transition, and in the **Split Transition** dialog, choose the **Before Transition** button.



- **After Transition** button. The shape is inserted before the path. It means the existing path is created, the dropped element symbol is drawn, and then a new path is drawn.



For example, *Name read* Transition is drawn from *Read Name* State to *Verification* State. If you want to insert the *Read password* State after the *Name read* Transition, drop the *Read password* State on the Transition, and in the **Split Transition** dialog, choose the **After Transition** button.



- **Do Not Insert** button. Action is canceled and the dialog is closed.



In the **Split Transition** dialog, select the **Remember my choice** check box and the next time the shape will be inserted before or after the path, depending on your selection.

