

Creating and Using Pool and Lanes

A Pool in a BPMN collaboration diagram represents a participant of a collaboration. A Pool can have its inner process flows defined. You can add the elements from a BPMN Process diagram to a pool. You can also hide the pool details by displaying a “black box” pool. A Pool can also have inner lanes.

To create a Pool from Diagram pallet

1. On the Collaboration Diagram pallet, click **Horizontal Pool** and select a needed type of Pool.
2. Select Resources and click **OK**.

To create a Pool with a representing Resources from the Containment tree

- Drag a Resource, Organization, Post, or Person from the Containment tree to a BPMN Collaboration diagram pane.

To create a Pool with a suppressed content

- On the Collaboration Diagram pallet, under **Conversations** click **Participant (Pool)**.

To add Lane to a Pool, do one of the following

- Right-click a Pool, point to **Insert Inner Lanes** or **Insert Lanes** and select a lane type.
- Right-click a Pool header and click to select **Insert Lanes**.

To open a Pool Specification window

- Right-click the Pool header and select **Specification**.

To specify a model element represented by a Pool or Lane, do one of the following



A Pool can represent a BPMN Resource element or UML classifier element.

- Click a Pool or Lane header on the diagram. On the Smart Manipulators toolbar click the **Represents** button.
- Open the Pool or Lane Specification window, click **Represents** and select the represented elements from drop down list.



Any type of element you can select only from Specification window.

- Select a represented element in the Containment tree and drag it to the Pool or Lane header on the diagram.

To hide a Pool content on a diagram (to display a “black box” pool)

- Right-click a Pool header and from the shortcut menu select one of the following:
 - **Suppress Pool Content**
 - **Symbol(s) Properties** and in the open dialog set the **Suppress Pool Content** property value to true.

A Pool with suppressed content that references a MultiInstance Participant will be displayed with a MultiInstance marker.

Related elements

- [Resource](#)
- [Participant](#)
- [Pool and Lane](#)
- [Organization Unit](#)
- [Role](#)
- [Person](#)
- [Information system](#)

Related diagram

- [BPMN Collaboration Diagram](#)

Related procedures

- [Creating a Diagram](#)
- [Creating and Using Message Flow](#)
- [Creating and Using Conversation Nodes](#)
- [Creating and Using Participant](#)
- [Using Common BPMN Elements](#)

To display a MultiInstance marker on a Pool

1. Open the Specification window.
2. Click **Represents** and select a represented multi-instance Participant.



A MultiInstance marker can be displayed only on a Poll with suppressed contents.

To review the Pool or Lane traceability information

- Open the Specification window, click **Traceability**.