

SysML Internal Block Diagram context

When creating a new [SysML Internal Block Diagram](#) for the element which cannot be the context of this diagram (e.g. [Package](#)), the new context element (which is a [Block](#)) is created automatically.

Turning off an automatic creation of diagram context element

To turn off an automatic creation of diagram context element

1. On the [main menu](#), select **Project > Options**.
2. In the **Project Options** dialog, find the **Diagram Context** option.
3. Select the **Do Not Create** value.
4. Click **OK**.

The automatic creation of diagram context element is turned off.

This means that when you create a new diagram for the element which cannot be the context of this diagram (e.g. [Package](#)), the **Select Diagram Context** dialog will open automatically. It allows you to select an existing element as a context, create a new context element by enabling the **Creation Mode**, or click the **Cancel** button if you do not want to specify the diagram context. The diagram will be created in the Package.




If you want to enable the automatic creation of a diagram context element, select the **Create Automatically** value for the **Diagram Context** option.

Changing the diagram context element

After the diagram is created, you can change its context element.

To change the diagram context element

1. Right-click the diagram and select **Specification**.
2. In the [Specification window](#), find the **Context** property.
3. Click on its value cell, and select .
4. In the **Select Diagram Context** dialog, do one of the following:
 - Select an existing element as a context in the **Tree** or **List** tab
 - Create a new context element by enabling the **Creation Mode > Create** and select it.
5. Click **OK**.

The diagram context element is changed.