

Creating an aspect diagram

Before creating an aspect diagram, the following conditions must be met:

- The custom aspects are created in the project. [How to create a custom aspect >>](#)

 If you have [SysML Plugin](#) installed, the predefined aspect diagrams already exist in your project. [Predefined diagram aspects >>](#)

- The **Use Aspects** option is enabled. [How to enable the diagram aspects option >>](#)

Creating a new aspect diagram is similar to creating any other diagram. Every way to create a diagram is described here: [Creating diagrams](#). The difference is that aspect [Composite Structure diagrams](#) are automatically collected under the separate **Aspect Diagrams** group of the [Create Diagram dialog](#). If you have [SysML plugin](#) installed, the [Internal Block diagrams](#) with custom and predefined aspects are collected under the same **Aspect Diagrams** group.



The Aspect Diagram group, highlighted in orange, with predefined and custom UML and SysML aspect diagrams. The illustration displays concepts from SysML Plugin.

Sample model

The model used in the figures of this page is the **Diagram aspects** sample models that comes with [SysML Plugin](#). To open this sample properly you need to [install the SysML plugin](#) in the MagicDraw and:

- Download [diagram aspects.mdzip](#).
- Find in the modeling tool: *<modeling tool installation directory>\samples\SysML\diagram aspects.mdzip*.