

# Creating an aspect diagram

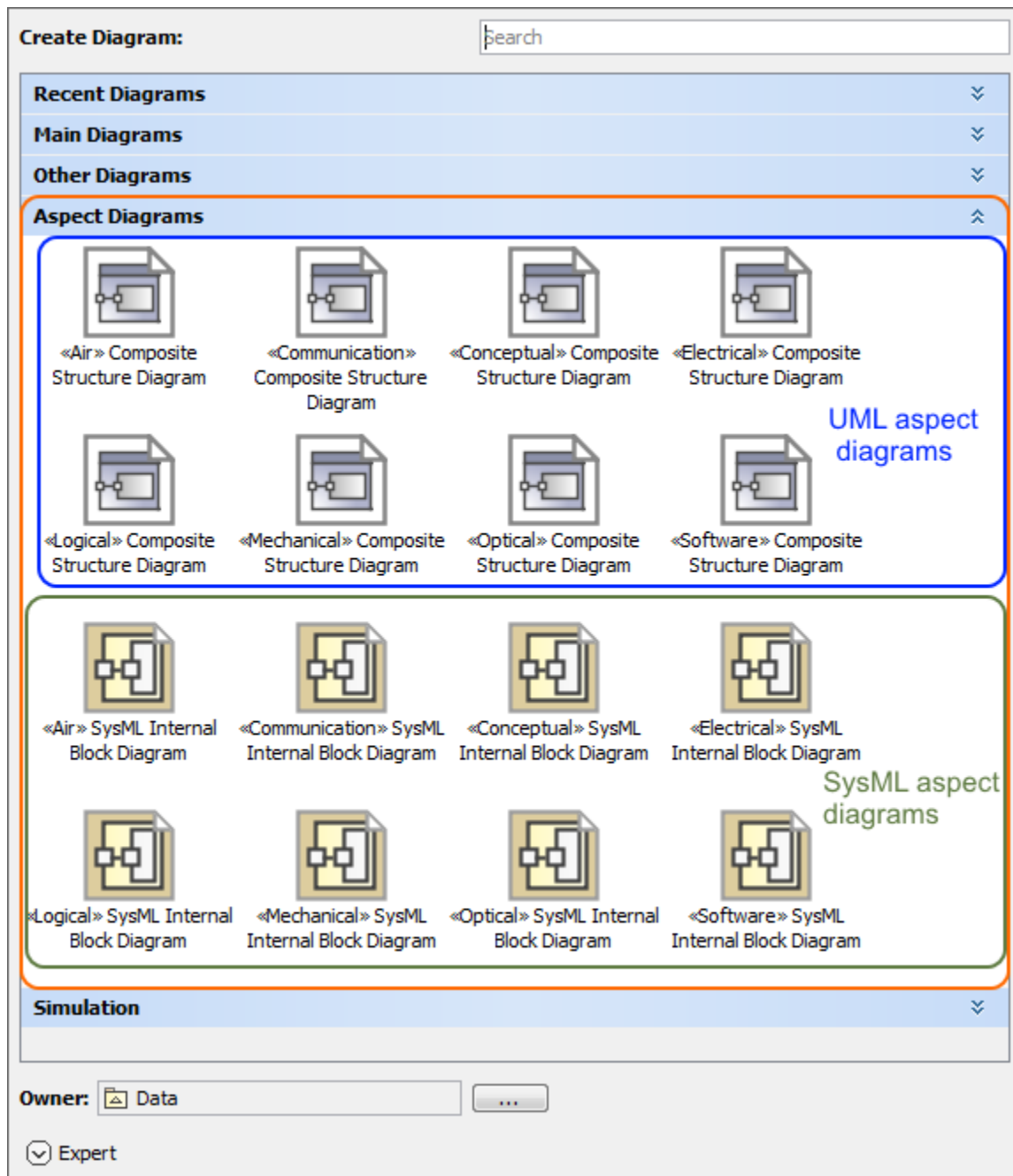
Before creating an aspect diagram, the following conditions must be met:

- 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*.