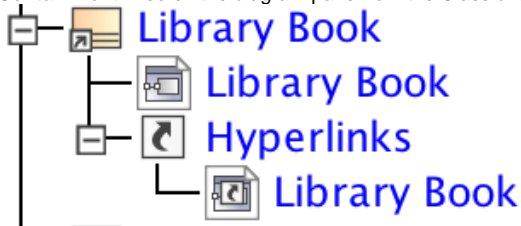


# Creating a Structured Class

There is a way to create a piece of the model with a single click: [Class](#), with a [Composite Structure diagram](#) inside it and hyperlink them. It can be useful for architects and system engineers. The same applies to SysML Block and IBD.

To create a structured class

1. Create a [Class diagram](#).
2. In the class diagram toolbar, click the arrow next to the Class symbol to reveal a list of available elements. Select the Structured Class element.
3. Click on the Class diagram. The class element with a **hyperlink** to a Composite Structure diagram is created.
4. Select the Class in the **Browser** to see its structure. To do this, choose **Select in Containment Tree** on the diagram pane from the Class [shortcut menu](#).



In the Browser, you can see the created Class with the Composite Structure diagram inside it. The Class is linked with the diagram. It means that after double-clicking the diagram, or the Browser, the Composite Structure diagram will open.



## Hyperlinks

For more information about hyperlinks, peruse [Defining Hyperlinks](#).

The names of the Class and the Composite Structure diagram are synchronized. Type a name for the Class, for example, *Library Book*, and the name of the diagram is automatically changed to *Library Book* and vice versa. This is synchronization of a diagram name and its context name.



## Diagram Name and Context Name

For more information about diagram name and its context synchronization, see [Diagram Name and its Context Name Synchronization](#).

## Related References

- [Working with Classes](#)
- [Creating a Structured Class](#)
- [Design Patterns](#)
- [Creating Class Elements](#)
- [Attribute](#)
- [Operation](#)
  - [Parameter](#)

## Related Pages

- [Class diagram](#)
- [Class Diagram Wizard](#)
- [Behavior](#)
- [Package](#)
- [Model Elements](#)