

# Layouting symbols in the diagram

We provide an API to layout presentation elements in a diagram using different strategies (layouter).

- [com.nomagic.magicdraw.uml.symbols.DiagramPresentationElement.layout\(boolean\)](#)
- [DiagramPresentationElement.layout\(boolean, DiagramLayouter\)](#)
- [DiagramPresentationElement.layout\(boolean, DiagramLayouter, AbstractDiagramLayouterOptionsGroup\)](#)



Make sure the diagram is opened and the session is closed before doing a diagram layout. These are the current limitation of layout API



You can find the code examples in

- `<installation_directory>\openapi\examples\testframework, com.nomagic.magicdraw.examples.testframework.DiagramLayoutTest class`

## Related pages

- [Session management](#)