

# Diagram presentation element

[com.nomagic.magicdraw.uml.symbols.DiagramPresentationElement](#) is a one to one mapping to UML [com.nomagic.uml2.ext.magicdraw.classes.mdkernel.Diagram](#). It means for every [Diagram](#) in a model exists one and only one [DiagramPresentationElement](#). Use [com.nomagic.magicdraw.core.Project.getDiagram\(Diagram\)](#) to get it for a Diagram.

The purpose of this presentation element is to manage all other presentation elements used in a Diagram:

- To get a collection of inner presentation elements, use the [com.nomagic.magicdraw.uml.symbols.PresentationElement.getPresentationElements\(\)](#) method. This method returns only direct children of the diagram.
- To open a diagram in the program UI, call [DiagramPresentationElement.open\(\)](#).
- To create/modify/delete inner presentation elements of the diagram, use [com.nomagic.magicdraw.openapi.uml.PresentationElementsManager](#).