

Working with presentation elements

Use only getter in Presentation elements' classes even if setters are available. Setters are not part of OpenAPI and in most cases should not be called directly.

Majority of functions for manipulating/creating/deleting the symbols is available in utility class [com.nomagic.magicdraw.openapi.uml.PresentationElementsManager](#).

[PresentationElementManager](#) can be used only inside the created session with [com.nomagic.magicdraw.openapi.uml.SessionManager](#). If a session is not created, *java.lang.IllegalStateException* is thrown.

[PresentationElementManager](#) can be used only in already loaded and active project. In other cases, results can be unpredictable.

[PresentationElementManager](#) is implemented as a singleton. Use method [PresentationElementManager.getInstance\(\)](#) to get a shared instance of this manager.

Related pages

- [Session management](#)
- [Creating shape elements](#)
- [Creating path elements](#)
- [Reshaping shape elements](#)
- [Moving symbols on diagram to another location](#)
- [Moving symbols on diagram to another location and to different parent](#)
- [Changing path break points](#)
- [Deleting presentation elements](#)
- [Changing properties of presentation elements](#)
- [Managing compartments](#)
- [Collecting presentation elements, finding usages in diagrams](#)
- [Displaying related elements in the diagram](#)
- [Layouting symbols in the diagram](#)