

Plugins migration to MagicDraw 17.0.1 and later Open API

If you are migrating from earlier than MagicDraw 15.0 version, please read the [Plugins migration to MagicDraw 15.0 and later Open API](#) chapter first.

The changes that have been made to Open API are the following:

- **UML metamodel changes.** UML 2.4.1 specification introduced few changes in the UML metamodel itself. Some metamodel classes were added, some of them were removed, some metaclasses properties were changed. Most of these changes are not in a core UML, so they will affect you if your plugin is oriented to complex things in UML. For the details of changes, see [Supported UML Specification Changes from Version 2.3 to 2.4.1](#).
- [Project \(decomposition\) structure API changes](#).
- Changes in methods:

- [com.nomagic.magicdraw.core.options.ProjectOptionsConfigurator](#). The method [afterLoad\(ProjectOptions\)](#) has been added. An empty implementation of this method must be added to a custom [ProjectOptionsConfigurator](#) implementation.

- [com.nomagic.magicdraw.core.project.ProjectEventListener](#). The following methods have been added:

[projectActivatedFromGUI\(Project\)](#)

[projectCreated\(Project\)](#)

[projectOpenedFromGUI\(Project\)](#)

[projectPreActivated\(Project\)](#)

[projectPreClosed\(Project\)](#)

[projectPreDeActivated\(Project\)](#)

[projectPreReplaced\(Project, Project\)](#)

[projectPreSaved\(Project, boolean\)](#)

[projectPreClosedFinal\(Project\)](#)

An empty implementation of these methods must be added to the custom [ProjectEventListener](#) implementation. The code change is not required, if [com.nomagic.magicdraw.core.project.ProjectEventListenerAdapter](#) is extended.

- Changes in **libraries jars** have been made. New jar files have been introduced in the *lib* folder. Do not forget to update your [classpath](#).

Related pages

- [Project \(decomposition\) structure API changes](#)