Plugins migration to MagicDraw 15.0 and later Open API

Open API in version 15.0 and later versions has changed together with changes in the UML 2.1.2 (2.2) specification. You should read this chapter if you want to migrate your plugin created for earlier MagicDraw version.

Thereby we made a cleaner UML metamodel implementation API after the UML specification has been updated. There are no big changes in Open API, so migration will not be a long and complicate task for you.

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

- UML metamodel changes.
- Some **deprecated methods** have been removed:

Removed deprecated method	Substitution
BaseElement.getProject()	Project.getProject(BaseElement)
MainFrame.getDialogParent()	MDDialogParentProvider.getProvider(). getDialogParent()
MainFrame.setDialogParent (Frame)	MDDialogParentProvider.getProvider(). setDialogParent(Frame)
ElementListProperty. setStereotype(Stereotype)	ElementListProperty. setSelectableRestrictedElements(Collection)

- Changes in **libraries jars** have been made. Open API classes now are packaged into *md_api. jar* and *md_common_api.jar* (was *md.jar* and *md_common.jar*). If your plugin was using API classes from some program build-in plugin, a plugin jar is also renamed with a "*ProgramInitials_ api.jar*" pattern.
- Changes in **package names for build-in plugins** have been made. In earlier program versions, some build-in plugins exposed their Open API, for example, patterns, transformations, emf, and etc. We have changed a package name pattern. Earlier API versions used a *com. nomagic.magicdraw.plugins.impl.*** pattern, now these plugins are moved to *com.nomagic. magicdraw.*.*,* for example *com.nomagic.magicdraw.patterns.*.* A simple import statement change in your java source will solve this migration issue.