Compilation classpath

Core libraries

The correct classpath must be specified when compiling your (plugin) code or running `*.jar` files from `<modeling tool installation directory>\lib`, as well as all its subdirectories must be included into the classpath.

You can open the properties file in `<modeling tool installation directory>\bin` and check the `CLASSPATH` property to be sure what files must be included.

Make sure that following *.jar files are added in such order:

1. `patch.jar`
2. `brand.jar` (if the file exists). This file is needed if the Cameo Enterprise Architecture program is used. MagicDraw does not requires this file.
3. brand_api.jar (if the file exists)*
4. Rest `*.jar` files. Order of them is not important

> ⊘ Make sure that only the *.jar files coming with the current program version you are included. If you have upgraded your modeling tool from an earlier version, the *lib* directory may contain files from the earlier version. Do not include these obsolete *.jar files.

Plugins libraries

Keep in mind that some Open API classes may come from plugins (like the SysML plugin, for example). In this case, make sure that *jar* files from a plugin directory are added to the compiled classpath. For more information, see the Identifying plugin dependencies page.