Development Support:Maven FAQs

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FAQs

My build failed with a message about a plugin requiring a new version of Maven, but I'm already using that version.

There are two places that allow you to save the configuration for the Maven version: (1) "Window"->"Preferences"->"Maven", and (2) In the individual run configurations. Make sure you have the correct version in the run configurations because that will override the default version which was set in the "Preferences".

The effective-pom shown in the eclipse POM editor uses a different version than used when I run Maven to build the project.

On occasion, there are discrepancies between what the Eclipse editor shows and the true effective POM as determined by Maven. To view the actual effective-pom, run the 'help:effective-pom' goal.

My build fails with memory problems.

Make sure you have to correct JVM properties set. You can follow the instructions in the Development_Support:Getting Started page, or set '-Xms256m -Xmx1024m -XX:MaxPermSize=256m' (without quotes) as the "Default VM Arguments" of the JRE being used. The installed JREs can be found under "Window"->"Preferences"->"Java"->"Installed JREs"

How can I build just the parent module of a project?

When you want to build just the parent and not all the children modules, use the '-N' or '--non-recursive' option. It also appears as a check in the Eclipse run configurations.

I want Maven to check for updated Snapshots more/less often. How can I do that?

It is strongly recommended that you do not change your settings.xml, or mess with too many of the default Maven policies. Maven is about convention rather than configuration, and you risk more problems by trying to customize Maven rather than adapting. However, if you are really stubborn...By default, Maven will try to check for new Snapshots once per day. If you want to change this setting, you can alter the 'updatePolicy' elements in your settings.xml file. See http://maven.apache.org/ref/3.0.4/maven-settings/settings.html for more details.

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- This page was last modified on 24 April 2012, at 22:14.