

Roadmap 2017

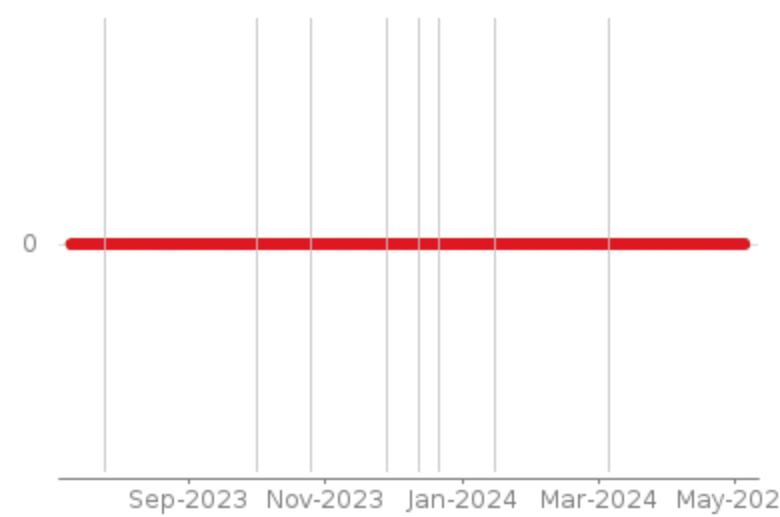
Procedure:

- Proposed issues start in a ____-candidate Fix version.
- Once a proposed issue has been seconded, after 3 days it can be moved from the ____-candidate FixVersion to the ____ Fix Version.

3.5.0 scope

Theme: A no-op drop in replacement of Eclipse's Aether project for the migrated code now known as Apache's Maven Resolver. Additionally some other orthogonal changes around logging colourization and some launcher script bug fixes

Agreed changes



Key	Summary	T	Assignee	Status	Resolution
MNG-6198	mvn script fails to locate .mvn directory when pom location specified with -f	🔴	Stephen Connolly	CLOSED	Fixed
MNG-6195	Use consistent quoting forms in mvn launcher script	🔴	Stephen Connolly	CLOSED	Fixed
MNG-6192	distribution zip file has unordered entries	🔴	Herve Boutemy	CLOSED	Fixed
MNG-6191	mvn -f complains about illegal readlink option under macOS	🔴	Stephen Connolly	CLOSED	Fixed
MNG-6190	maven-resolver-provider's DefaultArtifactDescriptorReader has mismatched constructor and initService methods	🔴	Christian Schulte	CLOSED	Fixed
MNG-6189	WARN if maven-site-plugin configuration contains reportPlugins element	🟢	Herve Boutemy	CLOSED	Fixed
MNG-6185	Replace doclettag explanation with annotations in AbstractMojo javadoc	🟢	Robert Scholte	CLOSED	Fixed
MNG-6183	Dependency management debug message corrections.	🔴	Christian Schulte	CLOSED	Fixed
MNG-6182	ModelResolver interface enhancement: addition of resolveModel(Dependency) supporting version ranges	🟢	Christian Schulte	CLOSED	Fixed
MNG-6181	HttpClient produces a lot of noise at debug loglevel	🔴	Robert Scholte	CLOSED	Fixed
MNG-6180	groupid has plain color when goal fails	🔴	Robert Scholte	CLOSED	Fixed

MNG-6179	Remove unused prerequisites		Karl Heinz Marbaise	CLOSED	Fixed
MNG-6177	The --file command line option of the Windows and Unix launchers does not work for directory names like "Spaces & Special Char"		Christian Schulte	CLOSED	Fixed
MNG-6176	Javadoc errors prevent release with Java 8		Robert Scholte	CLOSED	Fixed
MNG-6173	MavenSession.getAllProjects() should return all projects in the reactor		Christian Schulte	CLOSED	Fixed
MNG-6172	Precedence of command-line system property options has changed		Stephen Connolly	CLOSED	Fixed
MNG-6171	REGRESSION: WARNING about usage of a non threadsafe marked plugin is not showed anymore		Herve Boutemy	CLOSED	Fixed
MNG-6170	NPE in cases using Multithreaded -T X versions:set -DnewVersion=1.0-SNAPSHOT		Karl Heinz Marbaise	CLOSED	Fixed
MNG-6168	Fix unclosed streams		Christian Schulte	CLOSED	Fixed
MNG-6166	mvn dependency:go-offline fails due to missing transitive dependency jdom:jdom:jar:1.1		Michael Osipov	CLOSED	Fixed
MNG-6165	Deprecate and replace incorrectly spelled public API		Michael Osipov	CLOSED	Fixed
MNG-6163	Introduce CLASSWORLDS_JAR in shell startup scripts		Michael Osipov	CLOSED	Fixed
MNG-6152	Add a Jenkinsfile so that builds.apache.org can use multibranch pipeline		Stephen Connolly	CLOSED	Fixed
MNG-6151	Force Push master from 737de43e392fc15a0ce366db98d70aa18b3f6c03		Stephen Connolly	CLOSED	Fixed
MNG-6150	Javadoc improvements for 3.5.0		Michael Osipov	CLOSED	Fixed
MNG-6147	MetadataResolutionResult#getGraph() contains duplicate if clause		Michael Osipov	CLOSED	Fixed
MNG-6146	Several small stylistic and spelling improvements to code and documentation		Michael Osipov	CLOSED	Fixed
MNG-6145	Remove non-existent m2 include in component.xml		Michael Osipov	CLOSED	Fixed
MNG-6144	DefaultWagonManagerTest#testGetMissingJarForced() passed incorrect value		Michael Osipov	CLOSED	Fixed
MNG-6140	update documentation's dependency graph with resolver + resolver-provider + slf4j-provider		Herve Boutemy	CLOSED	Fixed
MNG-6138	Remove obsolete message_*.properties form maven-core		Michael Osipov	CLOSED	Fixed
MNG-6137	Clean up duplicate dependencies caused by incomplete Wagon HTTP Provider exclusions		Michael Osipov	CLOSED	Fixed
MNG-6136	Upgrade Maven Wagon from 2.10 to 2.12		Michael Osipov	CLOSED	Fixed
MNG-6117	\${session.parallel} not correctly set		Guillaume Boué	CLOSED	Fixed
MNG-6115	Add Jansi native library search path to our start scripts to avoid extraction to temp file on each run		Herve Boutemy	CLOSED	Fixed
MNG-6110	Upgrade Aether to Maven Resolver		Herve Boutemy	CLOSED	Fixed
MNG-6109	PluginDescriptor doesn't read since value of parameter		Robert Scholte	CLOSED	Fixed
MNG-6106	Remove maven.home default value setter from m2.conf		Michael Osipov	CLOSED	Fixed


MNG-6105	properties.internal.SystemProperties.addSystemProperties() is not really thread-safe		Guillaume Boué	CLOSED	Fixed
MNG-6102	Introduce \${maven.conf} in m2.conf		Michael Osipov	CLOSED	Fixed
MNG-6093	create a slf4j-simple provider extension that supports level color rendering		Herve Boutemy	CLOSED	Fixed
MNG-6092	warn if prerequisites.maven is used for non-plugin projects		Karl Heinz Marbaise	CLOSED	Fixed
MNG-6090	CI friendly properties break submodule builds		Karl Heinz Marbaise	CLOSED	Fixed
MNG-6088	after forked execution success, add an empty line		Herve Boutemy	CLOSED	Fixed
MNG-6081	Log refactoring - Method Invocation Replaced By Variable		Michael Osipov	CLOSED	Fixed
MNG-6078	Can't overwrite properties which have been defined in .mvn/maven.config		Karl Heinz Marbaise	CLOSED	Fixed
MNG-6074	Maven should produce an error if no model version has been set in a POM file used to build an effective model.		Karl Heinz Marbaise	CLOSED	Fixed
MNG-6068	Document default scope compile in pom XSD and reference documentation		Karl Heinz Marbaise	CLOSED	Fixed
MNG-6057	Problem with CI friendly usage of \${..} reactor order is changed		Karl Heinz Marbaise	CLOSED	Fixed
MNG-6053	Unsafe System Properties copy in MavenRepositorySystemUtils, causing NPEs		Guillaume Boué	CLOSED	Fixed
MNG-6032	WARNING during build based on absolute path in assembly-descriptor.		Karl Heinz Marbaise	CLOSED	Fixed
MNG-6030	ReactorModelCache do not used effectively after maven version 3.0.5 which cause a large memory footprint		Karl Heinz Marbaise	CLOSED	Fixed
MNG-6022	mvn.cmd fails if directory contains an ampersand (&)		Michael Osipov	CLOSED	Fixed
MNG-6020	Maven fails to detect pom.xml XML syntax error		Robert Scholte	CLOSED	Fixed
MNG-6017	Removing ArtifactHandler for par Lifecycle		Karl Heinz Marbaise	CLOSED	Fixed
MNG-6014	Removing ArtifactHandler for ejb3		Karl Heinz Marbaise	CLOSED	Fixed
MNG-6003	Drastically reduce JAVA_HOME discovery code		Michael Osipov	CLOSED	Fixed
MNG-6001	Replace %HOME% with %USERPROFILE% in mvn.cmd		Michael Osipov	CLOSED	Fixed
MNG-5993	Confusing error message in case of missing/empty artifactId and version in pluginManagement		Karl Heinz Marbaise	CLOSED	Fixed
MNG-5981	Plexus lifecycle could be activated too late during overlapping parallel requests		Christian Schulte	CLOSED	Fixed
MNG-5977	Improve output readability of our MavenTransferListener implementations		Michael Osipov	CLOSED	Fixed
MNG-5975	Use Java 7's SimpleDateFormat in CLIReportingUtils#formatTimestamp		Michael Osipov	CLOSED	Fixed
MNG-5968	plugin version updates in Maven core build		Michael Osipov	CLOSED	Fixed
MNG-5967	Dependency updates		Michael Osipov	CLOSED	Fixed
MNG-5963	mvn.cmd does not return ERROR_CODE		Michael Osipov	CLOSED	Fixed

MNG-5962	mvn.cmd fails when the current directory has spaces in between		Michael Osipov	CLOSED	Fixed
MNG-5961	Maven possibly not aware of log4j2		Arnaud Heritier	CLOSED	Fixed
MNG-5958	java.lang.String cannot be cast to org.apache.maven.lifecycle.mapping.LifecyclePhase		Christian Schulte	CLOSED	Fixed
MNG-5954	Remove outdated maven-embedder/src/main/resources/META-INF/MANIFEST.MF		Michael Osipov	CLOSED	Fixed
MNG-5946	Fix links etc. in README.txt which is part of the delivery		Karl Heinz Marbaise	CLOSED	Fixed
MNG-5934	String handling issues identified by PMD		Michael Osipov	CLOSED	Fixed
MNG-5931	Fixing documentation		Karl Heinz Marbaise	CLOSED	Fixed
MNG-5904	Remove the whole Ant build		Karl Heinz Marbaise	CLOSED	Fixed
MNG-5895	Problem with CI friendly usage of \${..} which is already defined via property in pom file.		Karl Heinz Marbaise	CLOSED	Fixed
MNG-5889	.mvn directory should be picked when using --file		Tibor Digana	CLOSED	Fixed
MNG-5878	add support for module name != artifactId in every calculated URLs (project, SCM, site): special project.directory property		Herve Boutemy	CLOSED	Fixed
MNG-5852	mvn shell script invokes /bin/sh but requires Bash functions		Michael Osipov	CLOSED	Fixed
MNG-5836	logging config is overridden by \$M2_HOME/lib/ext/*.jar		Herve Boutemy	CLOSED	Fixed
MNG-5829	mvn shell script fails with syntax error on Solaris 10		Michael Osipov	CLOSED	Fixed
MNG-5823	mvnDebug doesn't work with M2_HOME with spaces - missing quotes		Michael Osipov	CLOSED	Fixed
MNG-5815	"mvn.cmd" does not indicate failure properly when using "&&"		Michael Osipov	CLOSED	Fixed
MNG-5629	ClosedChannelException from DefaultUpdateCheckManager.read		Christian Schulte	CLOSED	Fixed
MNG-5607	Don't use M2_HOME in mvn shell/command scripts anymore		Michael Osipov	CLOSED	Fixed
MNG-5579	Unify error output/check logic from shell and batch scripts		Michael Osipov	CLOSED	Fixed
MNG-5368	UnsupportedOperationException thrown when version range is not correct in dependencyManagement definitions		Christian Schulte	CLOSED	Fixed
MNG-5297	Site should tell 'prerequisites.maven is deprecated'		Jason van Zyl	CLOSED	Fixed
MNG-3507	ANSI color logging for improved output visibility		Herve Boutemy	CLOSED	Fixed
MNG-2199	Support version ranges in parent elements		Christian Schulte	CLOSED	Fixed

88 issues


MNG-5824 - Support MAVEN_ARGS environment variable as a way of supplying default command line arguments CLOSED 👍 (missing from query)

MNG-6003 👍 Includes:












-  [MNG-5579](#) - Unify error output/check logic from shell and batch scripts CLOSED (missing from query)

Proposed changes

key summary type assignee status resolution

 Jira project doesn't exist or you don't have permission to view it.

[View these issues in Jira](#)

- [Christian Schulte](#):
-  [MNG-5359](#) - Declared execution in PluginMgmt gets bound to lifecycle (regression) REOPENED  [Stephen Connolly](#): propose fix for 3.5.1
-  [MNG-6074](#) - Maven should produce an error if no model version has been set in a POM file used to build an effective model. CLOSED 
[Stephen Connolly](#): propose fix for 3.6.0 or WONTFIX
-  [MNG-6112](#) - Align artifacts and plugins policies using the default value CLOSED  [Stephen Connolly](#): unsure where it should land, but I say not 3.5.0
-  [MNG-6113](#) - Rename the 'Central Repository' to 'Maven Central Repository' in the 4.0.0 super POM CLOSED  [Stephen Connolly](#): unsure where it should land, but I say not 3.5.0
-  [MNG-6114](#) - Elements from the global settings should be ordered before elements from the user settings CLOSED  [Stephen Connolly](#): unsure where it should land, but I say not 3.5.0
- [Michael Osipov](#):
-  [MNG-5457](#) - Show repository id when downloading or uploading from/to a remote repository CLOSED

3.5.1 scope

Theme: If it is a bug, let's fix it


Agreed changes

Key Summary T Assignee Status Resolution


[No issues found](#)

Proposed changes

key summary type assignee status resolution

 Jira project doesn't exist or you don't have permission to view it.

[View these issues in Jira](#)


- [Michael Osipov](#):
- [Robert Scholte](#):
-  [MNG-6148](#) - Can't package and assemble with JDK9/Jigsaw CLOSED

3.5.x scope

Theme: Fix more bugs

Agreed changes















Proposed changes

key	summary	type	assignee	status	resolution
<div><div> Jira project doesn't exist or you don't have permission to view it.</div><div>View these issues in Jira</div></div>					

3.6.0 scope

Theme: TBD


Agreed changes

Key	Summary	T	Assignee	Status	Resolution
MNG-6497	Upgrade guice to 4.2.1		Karl Heinz Marbaise	CLOSED	Done
MNG-6496	Upgrade Maven Resolver to 1.3.1		Sylwester Lachiewicz	CLOSED	Fixed
MNG-6492	Minor improvement on Array construction, conversion		Sylwester Lachiewicz	CLOSED	Done
MNG-6491	Upgrade commons-lang3 to 3.8.1		Herve Boutemy	CLOSED	Fixed
MNG-6490	Maven shall not fail reporting circular dependency when the dependency is a classified secondary artifact		Sylwester Lachiewicz	CLOSED	Done
MNG-6489	Upgrade Maven Resolver to 1.3.0		Michael Osipov	CLOSED	Fixed
MNG-6486	Upgrade to Wagon 3.2.0		Michael Osipov	CLOSED	Fixed
MNG-6480	Eclipse.org site is down, and you are unable to build Maven?		Herve Boutemy	CLOSED	Fixed
MNG-6479	Upgrade XMLUnit to 2.2.1		Sylwester Lachiewicz	CLOSED	Fixed
MNG-6478	Upgrade parent to 33 for sha512 checksum on release		Herve Boutemy	CLOSED	Fixed
MNG-6475	Remove guava dependencies		Karl Heinz Marbaise	CLOSED	Done
MNG-6473	Update Mockito to 2.21.0		Sylwester Lachiewicz	CLOSED	Fixed
MNG-6472	Mockito cannot mock this class: interface org.eclipse.aether.impl.RepositoryEventDispatcher		Sylwester Lachiewicz	CLOSED	Fixed
MNG-6467	Remove plugin definition from pom file which is inherited		Karl Heinz Marbaise	CLOSED	Done

MNG-6449	Upgrade parent to 32	↑	Karl Heinz Marbaise	CLOSED	Done
MNG-6424	Upgrade plexus-interpolation to 1.25	↑	Karl Heinz Marbaise	CLOSED	Done
MNG-6415	Project Artifacts Cache does not retain the order of classpath entries.	●	Robert Scholte	CLOSED	Fixed
MNG-6414	Add more Apache license header patterns to skip downloading Apache license	↑	Sylwester Lachiewicz	CLOSED	Fixed
MNG-6412	Exceeding project discovery time when using CI friendly versions	●	Sylwester Lachiewicz	CLOSED	Fixed
MNG-6391	Printout version of last built module in reactor build	↑	Karl Heinz Marbaise	CLOSED	Done
MNG-6383	ProjectBuilder unnecessarily rebuilds modules with ci-friendly versions	●	Karl Heinz Marbaise	CLOSED	Fixed
MNG-6358	Maven build should not require access to apache.org	●	Herve Boutemy	CLOSED	Fixed
MNG-6311	Maven intolerably slow when import scope used heavily in large project	●	Sylwester Lachiewicz	CLOSED	Fixed
MNG-6164	Collections inconsistently immutable	↑	Michael Osipov	CLOSED	Fixed
MNG-5951	add an option to avoid path addition to inherited URLs	↑	Herve Boutemy	CLOSED	Fixed
MNG-4508	No way to avoid adding artifactId to site urls	↑	Herve Boutemy	CLOSED	Fixed

26 issues

Proposed changes

key	summary	type	assignee	status	resolution
<div> Jira project doesn't exist or you don't have permission to view it.</div> <div>View these issues in Jira</div>					

Christian Schulte:

- MNG-1577 - dependencyManagement does not work for transitive dependencies

REOPENED
- ↑ MNG-4463 - Dependency management import should support version ranges

CLOSED
- + MNG-5227 - The 'optional' flag of a dependency should be manageable.

REOPENED
- MNG-5527 - Dependency management import should support relocations.

REOPENED
- ↑ MNG-5600 - Dependency management import should support exclusions.

CLOSED
- MNG-5761 - Dependency management is not transitive.

REOPENED
- MNG-5935 - Optional true getting lost in managed dependencies when transitive

CLOSED
- MNG-5971 - Imported dependencies should be available to inheritance processing

REOPENED
- ↑ MNG-6049 - Add behavior to filter resolved version ranges of an artifact

REOPENED
- + MNG-6073 - Addition of a core extension point to the model builder supporting model finalization.

REOPENED

- ☒ **MNG-6075** - Increase the model validation level to the next minor level version CLOSED
- ☐ **MNG-6079** - 3.4 regression: cannot override version of a dependencyManagement in a submodule any more CLOSED
- ☐ **MNG-6135** - Maven plugins and core extensions are not dependencies, they should be resolved the same way as projects. REOPENED
- Hervé Boutemy:

☐ **MNG-4508** - No way to avoid adding artifactId to site urls CLOSED

including ☐ **MNG-5954** - add an option to avoid path addition to inherited URLs CLOSED


and ☐ **MNG-6059** - Important use cases not covered, as child.inherit.append.path affects all children CLOSED

3.6.x scope

Theme: Fix more bugs

Agreed changes

Proposed changes

key	summary	type	assignee	status	resolution
<div><div> Jira project doesn't exist or you don't have permission to view it.</div><div>View these issues in Jira</div></div>					

4.0.0 scope

Theme: TBD

Agreed changes

Proposed changes

4.0.x scope

Theme: Fix more bugs

Agreed changes

Proposed changes

4.1.0 scope

Theme: TBD

Agreed changes

Proposed changes

5.0.0 scope

Theme: TBD

Agreed changes

Proposed changes

Won't fix

Theme: We are not going to fix these

Agreed changes

Proposed changes

Key	Summary	T	Assignee	Status	Resolution
MNG-7492	Invalid POMs are blithely ignored		Unassigned	<button>OPEN</button>	Unresolved
MNG-7373	Maven should not attempt to download the jar when <packaging>pom</packaging>		Unassigned	<button>OPEN</button>	Unresolved
MNG-6962	jvm.config via command line flags		Unassigned	<button>OPEN</button>	Unresolved
MNG-6762	Multimodule project with .mvn/settings.xml not working properly		Unassigned	<button>OPEN</button>	Unresolved
MNG-6523	System Dependencies Deprecation		Unassigned	<button>OPEN</button>	Unresolved
MNG-6378	Properties from POM in import scope should be resolvable in the project		Unassigned	<button>OPEN</button>	Unresolved
MNG-5689	Checksum policy for mirrors		Unassigned	<button>REOPENED</button>	Unresolved
MNG-193	symmetry for outputs of a plugin		Unassigned	<button>OPEN</button>	Unresolved

[8 issues](#)

Unscrubbed

Key	Summary	T	Assignee	Status	Resolution
MNG-5988	Dependency mediation should prioritize transitive dependencies based on scope.		Unassigned	<button>REOPENED</button>	Unresolved
MNG-5739	Adding a test dependency can move dependencies from the compile scope to the test scope		Unassigned	<button>OPEN</button>	Unresolved
MNG-5708	Maven dependency resolution inconsistent with multiple excludes		Unassigned	<button>REOPENED</button>	Unresolved
MNG-5404	Wrong resolution of dependency scope by Maven 3		Unassigned	<button>OPEN</button>	Unresolved
MNG-5197	locally declared test dependency's first-generation transitive dependency version incorrectly overrides (n > 1)th-generation compile-scoped dependency version		Unassigned	<button>REOPENED</button>	Unresolved
MNG-1977	Global dependency exclusions		Unassigned	<button>REOPENED</button>	Unresolved

[6 issues](#)

New issues to be scrubbed should be put here. (We will replace with a JIRA query once JIRA has been updated). Please keep sequence order correct.

- + [MNG-2478](#) - add "resources-filtered" filtered resource directories to super POM CLOSED
- [MNG-3705](#) - Expression: \${executedProject} doesn't work in reports CLOSED
- ↑ [MNG-3825](#) - Dependencies with classifier should not always require a version. CLOSED
- [MNG-4345](#) - [regression] Plugin executions contributed by default lifecycle mapping execute after other plugin executions bound to the same phase CLOSED
- [MNG-4347](#) - import-scoped dependencies of direct dependencies are not resolved using profile modifications from settings.xml REOPENED
- ↑ [MNG-4645](#) - Move Central repo definition out of Maven's jars so it can be more easily changed CLOSED
- [MNG-5368](#) - UnsupportedOperationException thrown when version range is not correct in dependencyManagement definitions CLOSED
- [MNG-5538](#) - mvn start script causes cygwin warning CLOSED
- ↑ [MNG-5639](#) - Support resolution of Import Scope POMs from Repo that contains a \${parameter} CLOSED
- ↑ [MNG-5661](#) - Make MavenProject instances immutable after initial construction OPEN
- [MNG-5708](#) - Maven dependency resolution inconsistent with multiple excludes REOPENED
- [MNG-5868](#) - Adding several times the same artifact via MavenProjectHelper (attachArtifact) keep adding to the List duplicate artifacts CLOSED
- ↑ [MNG-5883](#) - Silence unnecessary legacy local repository warning CLOSED
- ↑ [MNG-5923](#) - Switch to official Guice 4.0 CLOSED fixed in 3.3.9, change in 3.5.0 is just dependency introduction that will be integrated with MNG-6140
- ↑ [MNG-5931](#) - Fixing documentation CLOSED
- ↑ [MNG-5934](#) - String handling issues identified by PMD CLOSED
- ↑ [MNG-5940](#) - Change the maven-source-plugin jar goal into jar-no-fork in Maven Super POM CLOSED
- [MNG-5981](#) - Plexus lifecycle could be activated too late during overlapping parallel requests CLOSED
- [MNG-5984](#) - Maven core extension resolution ignores repositories from activeByDefault profiles in settings.xml REOPENED
- ↑ [MNG-5993](#) - Confusing error message in case of missing/empty artifactId and version in pluginManagement CLOSED
- ↑ [MNG-6025](#) - Add a ProjectArtifactsCache similar to PluginArtifactsCache CLOSED
- ↑ [MNG-6035](#) - Upgrade animal-sniffer-maven-plugin to 1.15 CLOSED
- + [MNG-6037](#) - add gossip slf4j provider support CLOSED
- + [MNG-6038](#) - use Gossip slf4j provider as default logging, since it supports level colorization CLOSED
- ✓ [MNG-6054](#) - Remove super POM plugin management section CLOSED
- ↑ [MNG-6055](#) - Move the release profile out of Maven's core so it can be more easily changed. CLOSED
- [MNG-6057](#) - Problem with CI friendly usage of \${..} reactor order is changed CLOSED
- [MNG-6070](#) - Default profile in settings.xml must not use an id possibly already in use. CLOSED
- + [MNG-6082](#) - Introduction of model version 4.1.0 CLOSED
- + [MNG-6084](#) - Support JSR 250 annotations CLOSED
- ✓ [MNG-6096](#) - Deprecate DefaultArtifactVersion class REOPENED
- [MNG-6127](#) - Fix plugin execution configuration interference CLOSED
- + [MNG-6139](#) - Addition of command line option 'legacy-dependency-management'. CLOSED