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Build Properties

The following properties can be used to refer to in the POM.

SCM information

The following revision information is extracted from the SCM system.

Property

`build.scmRevision.id`

`build.scmRevision.date`

`build.scmLocallyModified`

`build.scmLocallyModified.files`

`build.scmRevision.url`

Description

The latest revision number provided by the SCM.

The date of the latest revision number provided by the SCM.

The status of the local files. If there are local modifications (that is the local sources differ from that stored in the remote repository), this value is true. If there are no differences, the value is false. If the status cannot be determined (e.g. because of a failure) the value is unknown. Only if this value is false the revision number can be trusted to refer to the right files.

The list of files that are modified locally. This property is only set, if `build.scmLocallyModified` has a value of true.

Stores the URL to the SCM server.

Build Time Information

The following information refers to the build time.

Property	Description
<code>build.date</code>	The date the artifact has been built.
<code>build.copyright.year</code>	The year information for the copyright notice. This is, if inception year and build year are the same, the inception year, otherwise it is the period starting with the inception year and ending with the build year. In short: <code>\${project.inceptionYear}-\${build.year}</code>
<code>build.date.pattern</code>	The pattern used to format the <code>build.date</code> . This format is also stored as a property to allow to parse the date. It may be easier to use <code>build.timestamp.millis</code> to format the build date, though.
<code>build.timestamp.millis</code>	A convenience value that stores the build time in milliseconds.
<code>build.year</code>	A convenience property that stores the year of the <code>build.date</code> .
<code>build.duration.[name]</code>	On setting build points , the time (in milliseconds) within the build process is stored for further reference. Together with the time difference to the start of the build, the difference to the previous build point is also stored with a <code>.diff</code> suffix.

Build Execution Information

Information about the user and the system the artifact has been build by.

Property	Description
<code>build.user</code>	The name of the user/system that build the artifact. The property <code>build.user</code> grabs the value of the <code>user.name</code> property specified by <code>java</code> . If no such value is present, the Java property <code>user.name</code> is used.

<code>build.host.name</code>	The name of the host that was executed on.
<code>build.os.name</code>	The name of the operating system the build was executed on.
<code>build.os.arch</code>	The name of the operating system's architecture that was executed on.
<code>build.os.version</code>	The name of the operating system's version the build was executed on.
<code>build.java.runtime.name</code>	The name of the Java runtime that executes the build.
<code>build.java.runtime.version</code>	The version of the Java runtime that executes the build.
<code>build.java.vendor</code>	The name of the vendor of the Java product that executes the build.
<code>build.java.vm</code>	The name of the Java virtual machine that executes the build.
<code>build.java.compiler</code>	The name of the Java compiler used by the build.
<code>build.java.vendor</code>	The name of the vendor of the Java product that executes the build.
<code>build.maven.version</code>	The version of the Maven being executed to run the build.
<code>build.maven.execution.cmdline</code>	The command line arguments passed to Maven.
<code>build.maven.execution.goals</code>	The goals executed by the build.
<code>build.maven.execution.isRoot</code>	Flag to indicate whether the project creating the artifact is the root of the run (true) or if it is a subproject (false).
<code>build.maven.execution.project</code>	In the case of a subproject (build.maven.execution.isRoot has a value of false) the identifier of the project the build has been started for.
<code>build.maven.execution.opts</code>	The Maven options provided in the environment variable MAVEN_OPTS.
<code>build.maven.execution.java.opts</code>	The Java options provided in the environment variable JAVA_OPTS.
<code>build.maven.execution.profiles.active</code>	The list of profiles that are active during the build.

<code>build.maven.execution.profile.active.[profile-id]</code>	The source the profile has been provided in (e.g. settings.xml)
<code>execution.property.[name]</code>	The properties set to Mojo during the build. This includes system environment variables and Maven specific properties

The system information is provided by Java system properties `os.name`, `os.arch` and `os.version` as well as `java.version` and `java.vendor`. There is no additional information added by this plugin.

Build Version Information

Version information for the build. This information is for convenience to construct version information to be used in the POM (e.g. to name the final file).

Property	Description
<code>build.version</code>	This is the artifact version that is read from the POM.
<code>build.version.full</code>	The version may contain the date in a normalized form and the revision number. This information is controlled by the Mojo properties: <ul style="list-style-type: none"> <code>addBuildDateToFullVersion</code> <code>addReleaseNumberToFullVersion</code>