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* [Groovy DSL Reference](http://docs.google.com/dsl/)
* [Gradle API Javadoc](http://docs.google.com/javadoc/)
* [Core Plugins](http://docs.google.com/userguide/plugin_reference.html)
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* [Writing Custom Plugins](http://docs.google.com/userguide/custom_plugins.html)
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[Edit this page](https://github.com/gradle/gradle/edit/master/subprojects/docs/src/docs/userguide/)

# The JDepend Plugin

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The JDepend plugin performs quality checks on your project’s source files using [JDepend](http://clarkware.com/software/JDepend.html) and generates reports from these checks.

[Usage](#4d34og8)

To use the JDepend plugin, include the following in your build script:

[Example: Using the JDepend plugin](#26in1rg)

**build.gradle**

apply plugin: 'jdepend'

The plugin adds a number of tasks to the project that perform the quality checks. You can execute the checks by running gradle check.

Note that JDepend will run with the same Java version used to run Gradle.

[Tasks](#2s8eyo1)

The JDepend plugin adds the following tasks to the project:

jdependMain — [JDepend](http://docs.google.com/dsl/org.gradle.api.plugins.quality.JDepend.html)

*Depends on*: classes

Runs JDepend against the production Java source files.

jdependTest — [JDepend](http://docs.google.com/dsl/org.gradle.api.plugins.quality.JDepend.html)

*Depends on*: testClasses

Runs JDepend against the test Java source files.

jdepend*SourceSet* — [JDepend](http://docs.google.com/dsl/org.gradle.api.plugins.quality.JDepend.html)

*Depends on*: *sourceSet*Classes

Runs JDepend against the given source set’s Java source files.

The JDepend plugin adds the following dependencies to tasks defined by the Java plugin.

[Additional task dependencies](#lnxbz9)

check

All JDepend tasks, including jdependMain and jdependTest.

[Dependency management](#17dp8vu)

The JDepend plugin adds the following dependency configurations:

[Dependency configurations](#35nkun2)

jdepend

The JDepend libraries to use

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See the [JDependExtension](http://docs.google.com/dsl/org.gradle.api.plugins.quality.()JDependExtension.html) class in the API documentation.

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