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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)
* [Gradle & Third-party Tools](http://docs.google.com/userguide/third_party_integration.html)

### Getting Started

* [Creating New Gradle Builds](https://guides.gradle.org/creating-new-gradle-builds/)
* [Creating Build Scans](https://guides.gradle.org/creating-build-scans/)
* [Migrating From Maven](https://guides.gradle.org/migrating-from-maven/)

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* [Executing Multi-Project Builds](http://docs.google.com/userguide/intro_multi_project_builds.html)
* [Gradle Wrapper](http://docs.google.com/userguide/gradle_wrapper.html)
* [Troubleshooting](http://docs.google.com/userguide/troubleshooting.html)
* [Using Build Scans](https://docs.gradle.com/build-scan-plugin)
* [Enabling and Configuring the Build Cache](http://docs.google.com/userguide/build_cache.html)
* [Integrating Separate Gradle Builds (Composite Builds)](http://docs.google.com/userguide/composite_builds.html)

### Authoring Gradle Builds

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  + [Understanding the Build Lifecycle](http://docs.google.com/userguide/build_lifecycle.html)
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  + [Kotlin DSL Samples](https://github.com/gradle/kotlin-dsl/tree/master/samples)

### Extending Gradle

* [Writing Custom Plugins](http://docs.google.com/userguide/custom_plugins.html)
* [Plugin Development Guides](https://gradle.org/guides/?q=Plugin+Development)

[Edit this page](https://github.com/gradle/gradle/edit/master/subprojects/docs/src/docs/userguide/)

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This page contains links and short descriptions for all the core plugins provided by Gradle itself.

[JVM languages and frameworks](#4d34og8)

[Java](http://docs.google.com/java_plugin.html)

Provides support for building any type of Java project.

[Java Library](http://docs.google.com/java_library_plugin.html)

Provides support for building a Java library.

[Groovy](http://docs.google.com/groovy_plugin.html)

Provides support for building any type of [Groovy](http://groovy-lang.org/) project.

[Scala](http://docs.google.com/scala_plugin.html)

Provides support for building any type of [Scala](https://www.scala-lang.org/) project.

[Play](http://docs.google.com/play_plugin.html)

Proivdes support for building, testing and running [Play](https://www.playframework.com/) applications.

[ANTLR](http://docs.google.com/antlr_plugin.html)

Provides support for generating parsers using [ANTLR](http://www.antlr.org/).

[Packaging and distribution](#2s8eyo1)

[Application](http://docs.google.com/application_plugin.html)

Provides support for building JVM-based, runnable applications.

[WAR](http://docs.google.com/war_plugin.html)

Provides support for building and packaging WAR-based Java web applications.

[EAR](http://docs.google.com/ear_plugin.html)

Provides support for building and packaging Java EE applications.

[OSGi](http://docs.google.com/osgi_plugin.html)

Provides support for creating [OSGi](https://www.osgi.org/) packages.

[Maven Publish](http://docs.google.com/publishing_maven.html)

Provides support for [publishing artifacts](http://docs.google.com/publishing_overview.html) to Maven-compatible repositories.

[Ivy Publish](http://docs.google.com/publishing_ivy.html)

Provides support for [publishing artifacts](http://docs.google.com/publishing_overview.html) to Ivy-compatible repositories.

[Legacy Maven Plugin](http://docs.google.com/maven_plugin.html)

Provides support for publishing artifacts using the [legacy mechanism](http://docs.google.com/artifact_management.html) to Maven-compatible repositories.

[Distribution](http://docs.google.com/distribution_plugin.html)

Makes it easy to create ZIP and tarball distributions of your project.

[Java Library Distribution](http://docs.google.com/java_library_distribution_plugin.html)

Provides support for creating a ZIP distribution of a Java library project that includes its runtime dependencies.

[Code analysis](#17dp8vu)

[Checkstyle](http://docs.google.com/checkstyle_plugin.html)

Performs quality checks on your project’s Java source files using [Checkstyle](http://checkstyle.sourceforge.net/index.html) and generates associated reports.

[FindBugs](http://docs.google.com/findbugs_plugin.html)

Performs quality checks on your project’s Java source files using [FindBugs](http://findbugs.sourceforge.net/) and generates associated reports.

[PMD](http://docs.google.com/pmd_plugin.html)

Performs quality checks on your project’s Java source files using [PMD](http://pmd.github.io/) and generates associated reports.

[JDepend](http://docs.google.com/jdepend_plugin.html)

Performs quality checks on your project’s Java source files using [JDepend](http://clarkware.com/software/JDepend.html) and generates associated reports.

[JaCoCo](http://docs.google.com/jacoco_plugin.html)

Provides code coverage metrics for your Java project using [JaCoCo](http://www.eclemma.org/jacoco/).

[CodeNarc](http://docs.google.com/codenarc_plugin.html)

Performs quality checks on your Groovy source files using [CodeNarc](http://codenarc.sourceforge.net/index.html) and generates associated reports.

[IDE integration](#3rdcrjn)

[Eclipse](http://docs.google.com/eclipse_plugin.html)

Generates Eclipse project files for the build that can be opened by the IDE. This set of plugins can also be used to fine tune [Buildship’s](http://projects.eclipse.org/projects/tools.buildship) import process for Gradle builds.

[IntelliJ IDEA](http://docs.google.com/idea_plugin.html)

Generates IDEA project files for the build that can be opened by the IDE. It can also be used to fine tune IDEA’s import process for Gradle builds.

[Utility](#26in1rg)

[Base](http://docs.google.com/base_plugin.html)

Provides common lifecycle tasks, such as clean, and other features common to most builds.

[Build Init](http://docs.google.com/build_init_plugin.html)

Generates a new Gradle build of a specified type, such as a Java library. It can also generate a build script from a Maven POM — see [*Migrating from Maven to Gradle*](https://guides.gradle.org/migrating-from-maven/) for more details.

[Signing](http://docs.google.com/signing_plugin.html)

Provides support for digitally signing generated files and artifacts.

[Plugin Development](http://docs.google.com/java_gradle_plugin.html)

Makes it easier to develop and publish a Gradle plugin.

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