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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)

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### Extending Gradle

* [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/)

# Gradle User Manual

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Gradle is an open-source build automation tool focused on flexibility and performance. Gradle build scripts are written using a [Groovy](http://groovy-lang.org/) or [Kotlin](https://kotlinlang.org/) DSL. Read about [Gradle features](https://gradle.org/features/) to learn what is possible with Gradle.

* Highly customizable — Gradle is modeled in a way that customizable and extensible in the most fundamental ways.
* Fast — Gradle completes tasks quickly by reusing outputs from previous executions, processing only inputs that changed, and executing tasks in parallel.
* Powerful — Gradle is the official build tool for Android, and comes with support for many popular languages and technologies.

[New projects with Gradle](#4d34og8)

Getting started with Gradle is easy! First, follow our guide to [download and install Gradle](http://docs.google.com/installation.html#installing_gradle), then check out Gradle [getting started guides](https://gradle.org/guides/#getting-started) to create your first build.

If you’re currently using Maven, see a visual [Gradle vs Maven comparison](https://gradle.org/maven-vs-gradle/) and follow the guide for [migrating from Maven to Gradle](https://guides.gradle.org/migrating-from-maven/).

[Using existing Gradle builds](#2s8eyo1)

Gradle supports many major IDEs, including Android Studio, Eclipse, IntelliJ IDEA, Visual Studio 2017, and XCode. You can also invoke Gradle via its [command-line interface](http://docs.google.com/command_line_interface.html#command_line_interface) in your terminal or through your continuous integration server. [Gradle build scans](https://scans.gradle.com/) help you understand build results, improve build performance, and collaborate to fix problems faster.

  

[Getting help](#17dp8vu)

* Forum — The fastest way to get help is through the [Gradle Forum](https://discuss.gradle.org). Community members and core contributors answer your questions.
* Training — Free, web-based Gradle training from Gradle developers happens every month. Head over to the [training page](https://gradle.org/training/) to sign up.
* Enterprise Services — Support and training can be purchased alongside a [Gradle Enterprise](https://gradle.com/enterprise) subscription.

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