

Gradle

↳ {build automation tool}

⇒ Languages : **Java**, Android, C/C++ etc..

⇒ Building process: Compiling → Linking → Packaging

⇒ Gradle provides building, testing, and deploying software on several platforms.

⇒ Uses Groovy-based Domain Specific Language.

* Gradle Core Concepts

① Projects

- ↳ A project represents a thing to be done.
- ↳ Requires a set of tasks to execute.

② Tasks

- ↳ A task refers to piece of work performed by a build.
- ↳ Tasks might be compiling classes, making javadoc etc.

③ Build Script

- ↳ Known as build.gradle
- ↳ located at the root of the project.