

GRADLE SCRIPT

GRADLE:

It is an open source. It is a build Automation tool. Used to build Java project & Android project too. Gradle is a tool called Gradle tool.

GRADLE SCRIPTS:

build.gradle

To communicate the gradle tool we use build.gradle file is done by Groovy, Kotlin. Build.gradle passes the information or instruction to Gradle tool. Kotlin is flexible one to use in build.gradle.

Benefit is use for larger and many file easier in Gradle compare to xml. Instruction are done by script not in xml.

Gradle wrapper

It is used to run, build the specific type. Kind of script install. Kind of specific task to done. Used to create custom gradle task too. Used for specific android project. For example to launch in playstore, sign in clear (delete the build directory).

Proguard-rules.pro

Used to reduce a shrinking if the line code. It is optional in Android studio. But some times highly recommended.

gradle properties

To automate and manage the build process. Properties can be defined in build script in gradle.

Setting.gradle

To remain the directory roots of a tree of modules. It is written in Groovy.

Local properties

Location is only used for Gradle. And we do not modify this file because it may erase. Some information related to local configuration. And it include sdk directory of the file