Gradle Notes

1. Introduction

Written in Groovy which support closures and brackets are optional if there is only 1 argument

It is a build automation software

Kotlin can also run on Gradle

1. How to use

Download gradle and run gradlew clean build

* Is it gradlew or gradle?

1. Key Concepts

Build.gradle file is the build script where projects are built

Gradlew is the command – A certain version of gradle is committed in the root directory of every project that specifies which version of gradle should be used. This ensures that different installed version of gradles don’t become an obstacle to fast development

Gradlew task – Shows all the tasks

Dependencies are libraries that project depends on. They are found and defined in gradle build file and can be restricted to certain scopes.

1. Gradle Plugin

Provide additional task to create extra functionality

Can go and find plugin for a variety of needs or you can write your own

1. Gradle Project Structure