Github link:

github.com/bharaththippireddy

Gradle is a build automation tool, it will

compile

run tests -> junit, integration

packages -> jar, war, docker

deploy and run -> cloud , artifact repo

Before this build tool there is ant and gradle

Ant

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build.xml

tasks

customize

for dependency third party tools like Ivy

Maven

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Convention over configuration

MyProject

src/main/resources

src/test/java

src/test/resources

in built pom.xml

By combining Ant + maven 🡪 gradle

Uses groovy or kotlin, it has build.gradle

**Advantages:**

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Java,c++,kotlin,groovy,swift

Gradle uses repositories and cache in it

Maven central, maven local, jcenter, file system

In gradle dependencies can be customized rules, scopes, it keeps track of already builds and run only where it stopped, uses o/p of other builds, supports daemon keeps build info in memory, supports multiple plugins like jar,war,jacoco,bootRun

For installing gradle, java 1.8 or above is required

In windows use 🡪 gradlew.bat

Linux -> gradlew

[[[[[[Udemy-8]]]]]