

# Maven Assignment

1) install Maven

2) mvn -version

```
rg@rg:~$ mvn -version
Apache Maven 3.6.0
Maven home: /usr/share/maven
Java version: 1.8.0_252, vendor: Private Build, runtime: /usr/lib/jvm/java-8-openjdk-amd64/jre
Default locale: en_IN, platform encoding: UTF-8
OS name: "linux", version: "5.4.0-42-generic", arch: "amd64", family: "unix"
```

3) mvn archetype:generate -DgroupId=com.accolite.au2020 -DartifactId=maven-project -Dpackage=com.accolite.au2020 -Dversion=1.0 -DarchetypeArtifactId=maven-archetype-quickstart -DinteractiveMode=false

- mvn install

```
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T E S T S
-----
Running com.accolite.au2020.AppTest
Tests run: 1, Failures: 0, Errors: 0, Skipped: 0, Time elapsed: 0.004 sec

Results :

Tests run: 1, Failures: 0, Errors: 0, Skipped: 0

[INFO]
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ maven-project ---
[INFO] Building jar: /home/rg/Desktop/accolite_training/Maven/maven-project/target/maven-project-1.0.jar
[INFO]
[INFO] --- maven-install-plugin:2.4:install (default-install) @ maven-project ---
[INFO] Installing /home/rg/Desktop/accolite_training/Maven/maven-project/target/maven-project-1.0.jar to /home/rg/.m2/repository/com/accolite/au2020/maven-project/1.0/maven-project-1.0.jar
[INFO] Installing /home/rg/Desktop/accolite_training/Maven/maven-project/pom.xml to /home/rg/.m2/repository/com/accolite/au2020/maven-project/1.0/maven-project-1.0.pom
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 5.360 s
[INFO] Finished at: 2020-07-28T10:04:00+05:30
[INFO]
-----
```

- mvn exec:java -Dexec.mainClass="com.accolite.au2020.App"

```
rg@rg:~/Desktop/accolite_training/Maven/maven-project$ mvn exec:java -Dexec.mainClass="com.accolite.au2020.App"
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.accolite.au2020:maven-project >-----
[INFO] Building maven-project 1.0
[INFO]
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- exec-maven-plugin:3.0.0:java (default-cli) @ maven-project ---
Hello World!
[INFO]
[INFO] BUILD SUCCESS
[INFO]
[INFO] Total time: 1.726 s
[INFO] Finished at: 2020-07-28T10:35:07+05:30
[INFO]
-----
```

3) mvn archetype:generate -DgroupId=com.accolite.au2020 -DartifactId=maven-webapp-project -Dpackage=com.accolite.au2020 -DarchetypeArtifactId=maven-archetype-webapp -DarchetypeVersion=1.0 -DinteractiveMode=false

- mvn install

```
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ maven-webapp-project ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] Copying 0 resource
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ maven-webapp-project ---
[INFO] No sources to compile
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ maven-webapp-project ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory /home/rg/Desktop/accolite_training/Maven/maven-webapp-project/src/test/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ maven-webapp-project ---
[INFO] No sources to compile
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ maven-webapp-project ---
[INFO] No tests to run.
[INFO]
[INFO] --- maven-war-plugin:2.2:war (default-war) @ maven-webapp-project ---
[INFO] Packaging webapp
[INFO] Assembling webapp [maven-webapp-project] in [/home/rg/Desktop/accolite_training/Maven/maven-webapp-project/target/maven-webapp-project]
[INFO] Processing war project
[INFO] Copying webapp resources [/home/rg/Desktop/accolite_training/Maven/maven-webapp-project/src/main/webapp]
[INFO] Webapp assembled in [82 msecs]
[INFO] Building war: /home/rg/Desktop/accolite_training/Maven/maven-webapp-project/target/maven-webapp-project.war
[INFO] WEB-INF/web.xml already added, skipping
[INFO]
[INFO] --- maven-install-plugin:2.4:install (default-install) @ maven-webapp-project ---
[INFO] Installing /home/rg/Desktop/accolite_training/Maven/maven-webapp-project/target/maven-webapp-project.war to /home/rg/.m2/repository/com/accolite/au2020/maven-webapp-project/1.0-SNAPSHOT/maven-webapp-project-1.0-SNAPSHOT.war
[INFO] Installing /home/rg/Desktop/accolite_training/Maven/maven-webapp-project/pom.xml to /home/rg/.m2/repository/com/accolite/au2020/maven-webapp-project/1.0-SNAPSHOT/maven-webapp-project-1.0-SNAPSHOT.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 3.205 s
[INFO] Finished at: 2020-07-28T09:56:34+05:30
[INFO] -----
```

4) mvn install -DskipTests

```
rg@rg:~/Desktop/accolite_training/Maven/maven-project$ mvn install -DskipTests
[INFO] Scanning for projects...
[INFO]
[INFO] -----< com.accolite.au2020:maven-project >-----
[INFO] Building maven-project 1.0
[INFO] -----[ jar ]-----
[INFO]
[INFO] --- maven-resources-plugin:2.6:resources (default-resources) @ maven-project ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory /home/rg/Desktop/accolite_training/Maven/maven-project/src/main/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:compile (default-compile) @ maven-project ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-resources-plugin:2.6:testResources (default-testResources) @ maven-project ---
[WARNING] Using platform encoding (UTF-8 actually) to copy filtered resources, i.e. build is platform dependent!
[INFO] skip non existing resourceDirectory /home/rg/Desktop/accolite_training/Maven/maven-project/src/test/resources
[INFO]
[INFO] --- maven-compiler-plugin:3.1:testCompile (default-testCompile) @ maven-project ---
[INFO] Nothing to compile - all classes are up to date
[INFO]
[INFO] --- maven-surefire-plugin:2.12.4:test (default-test) @ maven-project ---
[INFO] Tests are skipped.
[INFO]
[INFO] --- maven-jar-plugin:2.4:jar (default-jar) @ maven-project ---
[INFO]
[INFO] --- maven-install-plugin:2.4:install (default-install) @ maven-project ---
[INFO] Installing /home/rg/Desktop/accolite_training/Maven/maven-project/target/maven-project-1.0.jar to /home/rg/.m2/repository/com/accolite/au2020/maven-project/1.0/maven-project-1.0.jar
[INFO] Installing /home/rg/Desktop/accolite_training/Maven/maven-project/pom.xml to /home/rg/.m2/repository/com/accolite/au2020/maven-project/1.0/maven-project-1.0.pom
[INFO] -----
[INFO] BUILD SUCCESS
[INFO] -----
[INFO] Total time: 2.563 s
[INFO] Finished at: 2020-07-28T10:42:12+05:30
[INFO] -----
```