

MAVEN - BUILD LIFE CYCLE

WE HAVE 7 PHASES IN BUILD LIFE CYCLE

STEP-1: GENERATE RESOURCES

DOWNLOAD FILE FROM DLCDN.APACHE.ORG

(<https://dlcdn.apache.org/maven/maven-3/3.9.4/binaries/apache-maven-3.9.4-bin.tar.gz>)

download this file using wget command

wget <https://dlcdn.apache.org/maven/maven-3/3.9.4/binaries/apache-maven-3.9.4-bin.tar.gz>

IT WILL DOWNLOAD THE TAR.GZ FILE SO, WE HAVE TO UNTAR THE FILE

COMMAND: `tar -zxvf apache-maven-3.9.4-bin.tar.gz`

INSTALL JAVA : `yum install java-1.8.0-openjdk -y`

TO CHECK THE VERSION: `java -version`

INSTALL MAVEN : `yum install maven -y`

TO CHECK VERSION: `mvn -v`

GO TO FOLDER (APACHE FOLDER)

GENERATE A PROJECT : `mvn archetype:generate` (we have to provide artifact & group id's)

STEP-2: COMPILE THE CODE

GOAL : `mvn compile`

STEP-3: TEST THE CODE

GOAL: `mvn test`

STEP-4: BUILDN THE CODE

GOAL: `mvn package`

STEP-5: INSTALL THE CODE

GOAL: `mvn install`

STEP-6: CLEAN THE CODE (opt)

GOAL: `mvn clean`

NOTE: TO DO AL THESE STEPS IN SINGLE GOAL : `mvn clean package`