
Maven - Day 02

MAVEN GOALS

=> In order to package the code as a jar or war file, we need to understand maven goals.

=> Goals are nothing but commands.

=> All maven goals should be executed wherever the pom.xml file is available.

=> Maven goals are used to perform project build activities (conversion of .java files into .class files ---> Package the .class files)

=> The commonly available maven goals are

1) Clean - If you want to delete the old .java files and create a new .java files, then we will use Clean goal. If 'Target' folder is available, clean goal will delete the target folder

Syntax: mvn clean

2) Compile - To compile the project.

Syntax: mvn compile

3) Test - This goal is used to excute unit test code of our application.

Syntax: mvn test

4) Package - This goal is used to package the project as a jar or war file.

Syntax: mvn package

5) Install - This goal is used to install our project as a dependency in the local repository.

Syntax: mvn install

=> Multiple maven goals can be executed at a time.

Ex: mvn clean compile test, mvn clean package

=> To execute maven goals, open the command prompt wherever the pom.xml file is available.

100 .java files --- Build

101 .java files ---- Delete the old build and then create the new build

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How to create web application using Maven:

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mvn archetype:generate -DarchetypeArtifactId=maven-archetype-webapp -DgroupId=in.StarAgile -
DartifactId=02-Maven-WebApp -DinteractiveMode=false

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