



***maven***

**MAVEN**

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*Maven Life Cycle*

## MAVEN: Build Tool

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- Maven Build Life Cycle: Maven is based around the central concept of a build lifecycle. What this means is that the process for building and distributing a particular artifact (project) is clearly defined.
- **Validate** : validate the project is correct and all necessary information is available
- **Compile** : compile the source code of the project
- **Test** : test the compiled source code using a suitable unit testing framework.
- **Package** : take the compiled code and package it in its distributable format, such as a JAR.

## *MAVEN: Build Tool*

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- **Clean** : clean the Projects unnecessary files.
- **Install** : install the package into the local repository, for use as a dependency in other projects locally
- **Deploy** : done in the build environment, copies the final package to the remote repository for sharing with other developers and projects.

*Will see you in Next Lecture...*

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*Thank you!*

A close-up photograph of a hand holding a black marker, completing the cursive word 'Thank you!' on a white surface. The hand is positioned on the right side of the frame, with the index and thumb fingers visible, holding the marker. The marker's tip is just finishing the exclamation point. The background is a plain, light-colored surface.

*See you in next lecture ...*