

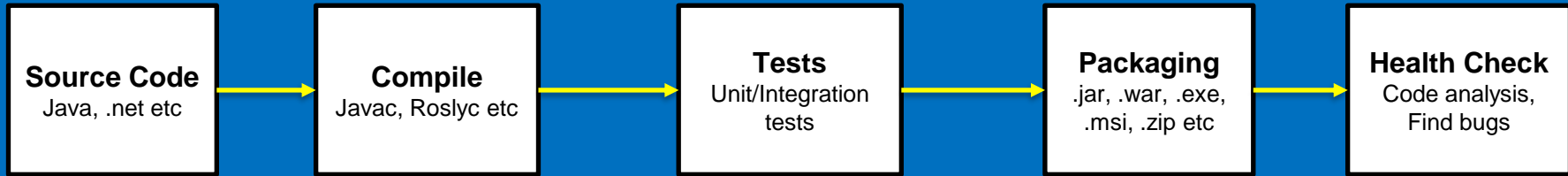
**SScademy**

***Maven***<sup>TM</sup> 

[www.sscademy.com](http://www.sscademy.com)

**+918296373001**

# BUILD PROCESS



# Build Tools

## Automates the Build Process

**Maven:** Used to Build Java application. Build file .xml format

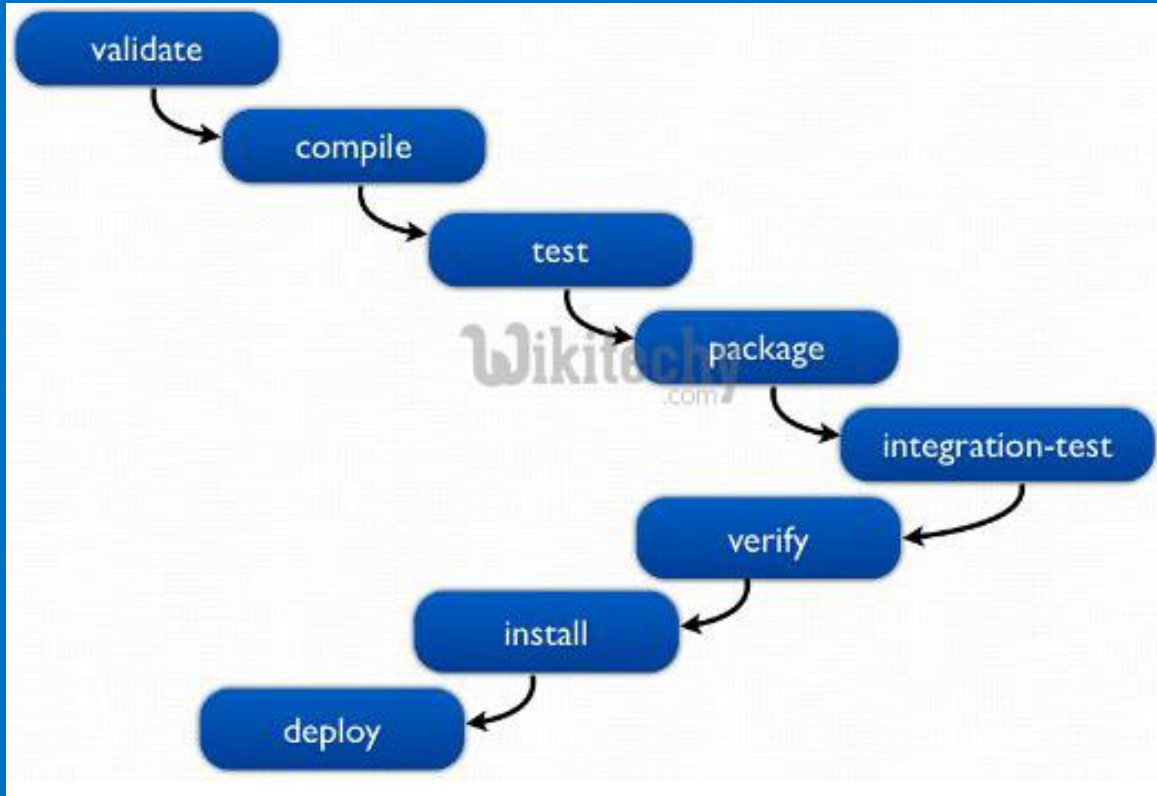
**ANT:** Used to Build Java application. Build file .xml format

**MsBuild:** The Microsoft Build Engine is platform for building applications

**Gradle:** DSL based on Groovy

**& NANT:** Windows .net platform

**Make:** Builds executable programs and libraries from source code



# MAVEN PHASES

**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. These tests should not Require the code be packaged or deployed.

**Package:** take the compile code and package it in its distributable format, such as JAR

**Verify:** run the checks on results of integration tests to ensure quality criteria are met.

**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.

<https://maven.apache.org/guides/introduction/introduction-to-the-lifecycle.html>

# QUESTION & ANSWERS

# Contact us for more details



[sales@sscacademy.com](mailto:sales@sscacademy.com)



[www.sscacademy.com](http://www.sscacademy.com)



+ 918296373001