

Day - 1

- Introduction to Apache Maven
- Advantage of Apache Maven over other build tools
- Understanding the Maven Lifecycle and Phase
- Understanding the Maven Goals
- Understanding the Maven Plugins
- Understanding the Maven Repository
- Understanding and Maven Release and Version
- Prerequisite and Installing Apache Maven
- Understanding and using Maven Archetypes
- Understanding Pom.xml and Setting.xml
- Playing with multiples Maven Goals
- Introducing Maven Dependencies
- Introducing Maven Properties
- Introducing Maven Modules
- Introducing Maven Profile
- Introducing Maven Plugins

- Demo and Lab: How can Maven benefit my development process?
- Demo and Lab: How do I setup Maven?
- Demo and Lab: How do I make my first Maven project?
- Demo and Lab: How do I compile my application sources?
- Demo and Lab: How do I compile my test sources and run my unit tests?
- Demo and Lab: How do I create a JAR and install it in my local repository?
- Demo and Lab: How do I use plugins?
- Demo and Lab: How do I add resources to my JAR?
- Demo and Lab: How do I filter resource files?
- Demo and Lab: How do I use external dependencies?
- Demo and Lab: How do I deploy my jar in my remote repository?
- Demo and Lab: How do I create documentation?
- Demo and Lab: How do I build other types of projects?
- How do I build more than one project at once?

Day - 2

- Deep Dive into Maven Properties and Built-in Properties
- Advance Use case of Maven Profile
- Using external Maven Plugins
- Understandin maven Classpaths
- Understanding Maven command line options
- Deep Dive into Maven Transitive Dependencies
- Running Functional Tests
- Introducing Maven Build
- Introducing Maven Reporting
- Introducing Maven issueManagement
- Introducing Maven scm

- Introducing Maven pluginRepositories
- Introducing Maven distributionManagement
- Introducing Maven Mirror Settings
- Introducing Maven pluginGroups Settings
- Introducing Maven proxies Settings
- Introducing Maven servers Settings
- Introducing Maven profiles Settings
- Encrypting passwords in settings.xml
- Using Multiple Repositories
- Using Maven Toolchains
- Demo and Lab

Day - 3

- **Using core maven plugins**

- Clean
- Compiler
- Deploy
- Failsafe
- Install
- Resources
- Site
- Surefire
- Verifier

- **Using Maven Reporting plugins**

- Changelog
- Changes
- Check style
- Doap
- Docck
- Javadoc
- Jdeps
- jxr
- link check
- pmd
- project-info-reports
- surefire-report

- **Using Packaging maven types/tools**

- Ear
- Ejb
- Jar
- Rar
- War
- App-client/acr
- Shade
- Source
- Jlink
- Jmod
-

- **Using Packaging maven types/tools**

- antrun
- archetype
- assembly
- dependency
- enforcer
- gpg
- help
- invoker
- jarsigner
- jdeprscan
- patch
- pdf
- plugin
- release
- remote-resources
- scm
- scm-publish
- stage
- toolchains