Maven training



Overview:

Maven is an open-source build tool from Apache Group. It is a widely-used and popular tool to build, publish, and deploy software development projects. It is used to build and manage diverse Java-based projects. A powerful project management tool, it is based on the project object model (POM) concept.

A java-based tool, Maven is used to creating projects coded in Scala, C#, Ruby, and others. It simplifies the day-to-day work of Java developers and helps them with various tasks. It offers excellent interoperability by way of plugins with IDEs such as Eclipse, and can be installed and operated on popular OSs - Windows, and Ubuntu.

This tutorial provides a comprehensive overview of Maven, its uses, and in-depth information on working on it. Learners with sound knowledge of software development and basics of Java programming language can easily pick up this tool, which is becoming increasingly popular today with developers and employers alike.

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- Maven Installation and Setup
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Maven Project Creation and Key Concepts

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- Specify Compiler Source and Target
- ness Solution Building the project from commandline
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- Life Cycle Phases
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- Maven project creation and Key Concepts

Maven in Eclipse

- Usecase
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- Using JUnit 5

- Writing Unit Tests
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- Maven in Eclipse

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- Maven Web Application

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- Build the multi module project
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- Troubleshooting Update
- Import the projects in to eclipse
- ts ress Solution Import all the projects at once

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- Scopes in our projects
- Scopes

Dependency Management

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- Configure Profiles
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Profiles

JaCoCo Code Coverage and Sonar

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- Install and Launch Sonar
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Additional Content - Spring Boot Quick Start

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