

Maven Fundamentals (SE314)

8 Hours

Outline

The purpose of this workshop is to introduce the students to Maven build automation framework of Java. The participants will acquire the understanding of Maven basic concepts and entities. Together we will learn how to configure Maven project files in order to build Java projects and deliver software artifacts.

Target Audience

Java software engineers switching to Maven toolset for delivery automation.

Content

- Why another build framework?
- Maven Principles
- Maven Architecture

- Installation & Configuration
 - POM Explained
 - Project Relationships
 - Versions & Properties
 - Repositories (Local & Remote)
 - Managing Dependencies
 - Life-cycle Phases
 - Using Profiles
 - Packaging types
 - Maven Plugins