



Building with Maven2

Abstract

Maven is a project management tool. Maven manages the build process, SCM, testing, reporting, distribution and documentation of your projects.

Maven brings best practices and design patterns into your project management ecosystem.

The course includes many examples and hands-on exercises by means of which the material is demonstrated and practiced.

Target Audience

Java developers, team leaders and project managers.

Prerequisites

Familiarity with the Java language.

Content:

Introduction to Maven (3 hours):

- Why Another Build Framework?
- Maven Principles.
- Maven Architecture.
- Installation & Configuration.

Maven Core (7 hours):

- POM Explained.
- Repositories.
- Project Structure.
- Managing Dependencies.
- Using Profiles.
- Creating Sites.
- JEE and Maven.

Maven in Real World Projects (6 hours):

- Writing Custom Plugins.



Testing with Maven.
Project Health with Maven.
Maven and Team Collaboration.
Packaging.
Migration to Maven.

Duration: 2 days.