

Getting Started with Apache CXF

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hardcore dev and IT training

Module Objectives

Create a CXF web
service project with
Maven

Deploy the project to
Tomcat

Execute the web
service in **Eclipse**

Apache Maven

Dependency
Management

IDE Integration



Plug-ins

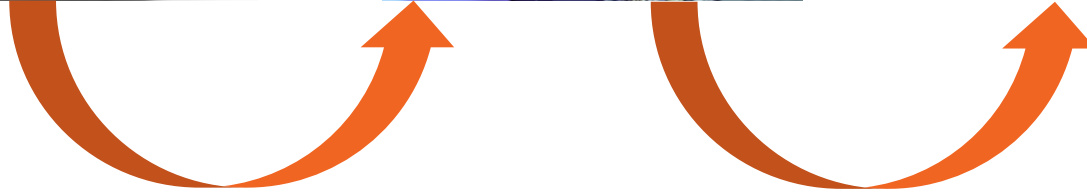
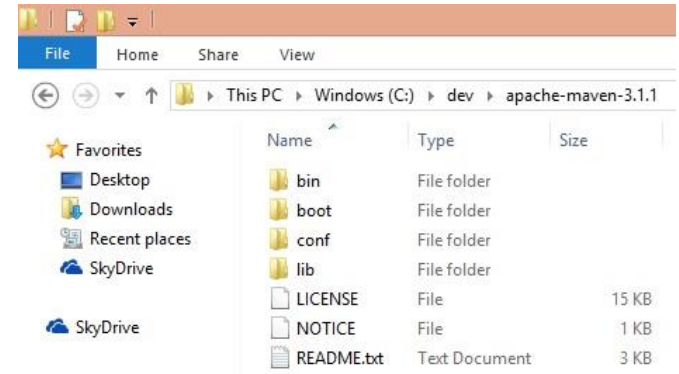
Build Management

Installing Maven Standalone

<http://maven.apache.org>



c:\dev\\${maven-folder}



Installing Maven in Eclipse

- ➡ ■ **Eclipse Kepler**
 - No installation necessary
 - Comes with Maven plug-in installed
- ➡ ■ **Other Eclipse versions**
 - Install M2E plug-in
 - <http://www.eclipse.org/m2e>

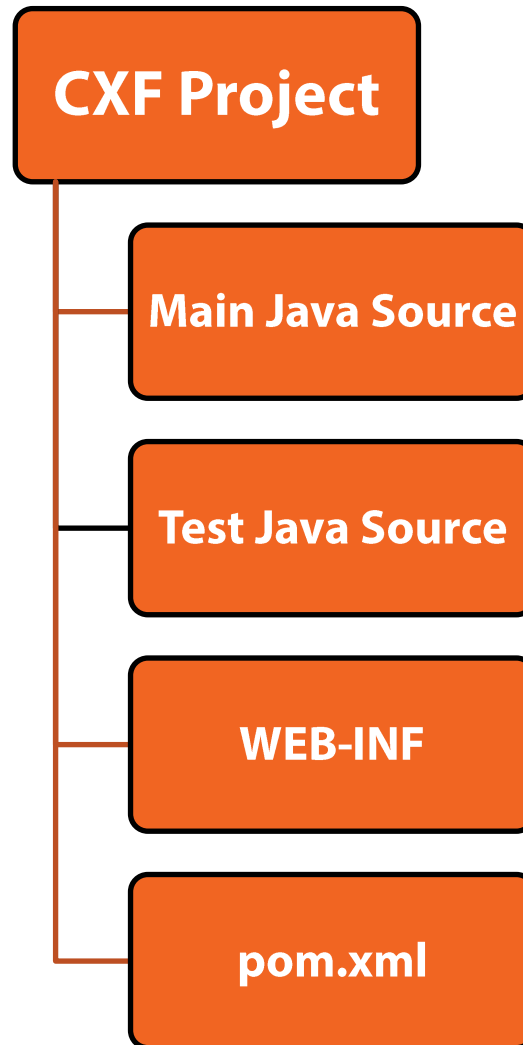
Maven Archetype

An archetype is a templating tool that standardizes the folder structure and artifacts of a project build.

Apache CXF Maven Archetypes

- ➡ ■ CXF Archetype for each front end
- ➡ ■ JAX-RS Archetype
- ➡ ■ JAX-WS Archetype
 - Includes Java-first web service
 - Command: `mvn archetype:generate -Dfilter=org.apache.cxf.archetype:`

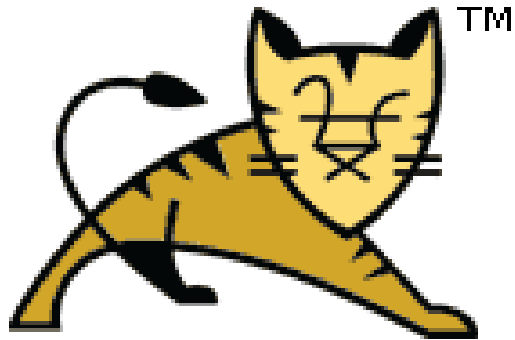
CXF Archetype Project Structure



Steps to Build a CXF Project



Apache Tomcat



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