

Advanced JEE Web Application Development (TagLibs and JSTL)

Duration:	2 days
Type:	advanced

Description

This is an advanced JEE course which covers the creation of JSP Tag Libraries and the JSTL. Delegates learn how to create complex web based interfaces whilst keeping their server pages clean and maintainable.

Prerequisites

Delegates must be experienced in standard JEE Web Application development using JSP's and Servlets.

List of Modules

Introduction to Tag Library Development

- Writing Tag Library Descriptors (TLD's)
- Introducing the tag extension API
- How Jasper uses your tag classes in Tomcat

The Java Standard Tag Library (JSTL)

- Installing the JSTL in your container
- Using the conditional and iteration tags
- Formatting dates and numbers
- Actions to hide XML and JDBC code

Unit Testing Tag Libraries with TagUnit

- Installing the TagUnit testing tool
- Tests automatically written by the tool
- Writing your own unit tests for tags
- Creating a comprehensive test suite

Basic Tag Library Development

- Creating simple custom actions
- Creating actions with content
- Interacting with the built in JSP objects
- Nesting actions inside one another

Advanced Tag Library Development

- Introducing Tag Extra Info classes
- Adding extra variables to the JSP
- Adding validation of tag attributes
- Actions that interact with arbitrary code

Tag Library Development in JSP 2.0

- Introducing Tag Files
- Creating and deploying Tag Files
- Extra directives used in Tag Files
- Extra actions used in Tag Files