

Core JSF: Advanced JavaServer Faces in Action with Ajax (EXL-DTW-4000)

天數: 4 天

學習內容

Learn how to create Java Platform, Enterprise Edition (Java EE) web applications with JavaServer Faces (JSF) components, utilizing JSF technologies component-oriented development techniques, while taking advantage of 3rd party components, IDEs and Open Source projects available. This Extreme Learning expert-led course starts with an overview of key concepts and principles on which the JavaServer architecture is based and then explains how JSF relates to Struts and other web frameworks currently on the market. You learn about IDEs that support JSF, as well as libraries that facilitate JSF development with Ajax, JBoss, Seam, and Facelets. Upon completion of this JSF course, you will know how to develop web applications with JSF and how to integrate your JSF application with Struts and your existing applications.

About Extreme Learning: Get taught directly by the experts and interact with peers in an engaging informal environment. These are intensive, deep dive training sessions designed for advanced IT professionals which incorporate expert-led presentations and hands-on labs.

Students who can benefit from this course

Experienced Java EE web developers who want to learn how to create Java EE web applications with JSF components, utilizing JSF technologies component-oriented development techniques, while taking advantage of 3rd party components, IDEs, and libraries that facilitate JSF development with Ajax, JBoss Seam and Facelets.

先修條件

必備先修條件

several years of experience developing Java EE applications before attending the course.

課程目標

- Create JavaServer Faces technology-based web applications
- Utilize component-oriented development techniques
- Work with standard JSF components
- Develop custom components, validators, and convertors
- Take advantage of 3rd party components, IDEs, and Open Source technologies
- Use JSF with Ajax, JBoss, Seam, and Facelets
- Integrate JSF with Struts and your existing applications

課程大綱

Introduction

- An introduction to JSF
- Exploring the JSF landscape
- Getting Started with JSF

Getting Started with JSF Standard Features

- Creating backing beans and using managed beans
- Exploring the standard components

Internationalization, validators, and converters

Using facelets

Application Development

Developing with JSF

Inside the JSF architecture

Writing custom components, validators, and converters

Extensions and Integration

Component frameworks overview

Using Apache Shale (appendix)

Migrating from Struts (appendix)

Using JBoss Seam (appendix)

Summary and future directions