JSF/SEAM Custom for NAIC

Course Summary

Description

This course teaches developers how to write Java Enterprise Edition (JEE) applications that use JavaServer Faces for the Web user interface in conjunction with the JBoss Seam framework.

Objectives

At the end of this course, students will be able to:

- Understand the basic architecture of the JSF framework
- Understand how JSF applications process requests
- Write applications using JSF navigation
- Write managed bean classes and manipulate managed beans using the JSF expression language
- Check user input using JSF validators
- Use JSF components for input, output and display of tabular data
- Internationalize JSF applications
- Understand the Facelets view technology
- Understand the features that Seam provides
- Be able to program Seam conversational applications

Topics

- Introduction to the Course
- Introduction to JSF
- JSF Architecture
- Request Processing and Navigation
- Managed Beans and the JSF EL
- JSF Components
- Conversion and Validation
- Event Handling
- Panels and Data Tables
- JSF and Internationalization
- The Details of Facelets
- Introduction to EJB3
- Introduction to JPA
- Introduction to JBoss Seam
- Seam Fundamentals
- Seam Conversations
- Introduction to RichFaces
- RichFaces Ajax Concepts
- RichFaces Component Overview

Audience

This course is designed for developers who will write JEE applications using JSF and Seam.

Prerequisites

Java programming skills are mandatory.

Duration

Four days

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