



Frameworks For Enterprise Applications

Course Syllabus

Course Description:

The growing need of organizations to build composite applications that utilize Service oriented Architecture (SOA) principles, has forced developers to build applications that are extremely agile. Many Frameworks help to facilitate the process of Web and Enterprise Application Development. Among those frameworks, Application Development Framework (ADF) and Java Server Faces (JSF) have proven to truly leverage the power of Java EE.

Prerequisite Course(s):

- Java Programming
- Advanced Java Programming
- XML & Java API for XML Processing
- Web Fundamentals (HTML & JavaScript).
- Developing Web Applications using Servlets & JSP
- Advanced Servlets & JSP
- Java Server Faces (JSF)

Learning Objectives:

- To understand the basics of Web and Enterprise Frameworks.
- To get familiar with ADF Architecture and how it can be used to rapidly build data-driven Java web applications.
- To be able to adequately use JSF and ADF faces to create Rich Internet Applications (RIAs).
- To learn how to enable Security features and deploy applications on Application servers.

Course Outline:

- ADF Overview
- Getting Started
- Developing Data Model Objects
- View Objects
- Defining the Page Flow and Standards.
- Creating Edit and Display Pages.
- Creating Master Detail Page
- Creating List Of Values (LOV)
- Creating More Complex Pages
- Packaging and Deployment