







STRUTS FRAMEWORK

Course Summary

-  Understanding the architecture of struts framework
-  Learn about Struts MVC and its components
-  Create a Web Application with Struts MVC
-  Learn about Validation framework and interceptors



Duration

2 days

Objectives

Students, programmers, web developers and all advanced end users.

Audience




-  Application Developers
-  Developer



-  End Users
-  PL/SQL Developer
-  Database Administrators
-  Technical Consultant
-  Forms Developer
-  Support Engineer

Pre-Requisites









Before attending this class, the participant should:

-  Have a basic knowledge of Java
-  Have a basic understanding of J2EE
-  Have a basic understanding of HTML


Outline

Day 1












1. Introduction to Struts

-  Benefits of Struts
-  How Struts Works
-  Struts Architecture
-  Overview on MVC design pattern.
-  How the Struts framework applies MVC.
-  How requests are handled in Struts.
-  Struts main components.
-  Struts Configuration Files(struts-config.xml, web.xml)









 A Simple Struts Application

2.Struts MVC


-  Controller component
-  View component (Struts Tag Libraries, Message Resource Bundles).
-  Model component
-  Mapping the Model to the View
-  Introducing Struts tags
-  Defining beans into the model
-  Working with beans
-  Using logic tags
-  Using HTML tags
-  Handling message resources
-  Iterating over lists and sub lists

Day 2





1. Internationalization

-  Internationalization and multiple languages views
-  Locales
-  Formatting Messages
-  Resource Bundles
-  Internationalization
-  Tags

2. Validation and Interceptors



-  Validation framework






-  Implementing validation
-  Type conversion
-  Interceptor role
-  Using interceptors

Lab Requirements

- **Hardware Requirements**

-  1 GB RAM
-  40 GB Free Hard Disk Space

- **Software Requirements**

-  Web Browser-Mozilla or Internet Explorer
-  JBOSS Developer Studio
-  Oracle 10g