

STRUTS

Introduction

- ✓ Enterprise
- ✓ Enterprise Application
- ✓ System logical layers
- ✓ Presentation layer
- ✓ Business processing layer
- ✓ Data Storage and access layer

System Architecture

- ✓ 1-tier Architecture
- ✓ 2-tier Architecture
- ✓ n-tier Architecture
- ✓

Types of Enterprise Applications

- ✓ Web Applications
- ✓ Distribute Applications

Web Application Models

- ✓ Model1-Architecture
- ✓ Model2-Architecture

MVC Architecture & its Rules & Regulations

FrameWork

- ✓ Web Framework
- ✓ Application Framework
- ✓ Struts Framework History

Struts Flow of Execution

Struts Elements

- ✓ View
- ✓ ActionServlet
- ✓ RequestProcessor

- ✓ FormBean(ActionForm)
- ✓ Action class
- ✓ web.xml
- ✓ Struts Configuration File
- ✓ Struts Tag Library
- ✓ Html Tag library
- ✓ Bean Tag library
- ✓ Logic Tag library
- ✓ Nested Tag library
- ✓ Tiles Tag library

DynaActionForm & LazyDynaBean

Local Forwards & Global Forwards

Validations

Client Side Validations

- ✓ Programmatic Approach
- ✓ Declarative Approach
- ✓ (Validator Framework)

Server Side Validations

- ✓ Programmatic Approach
- ✓ Declarative Approach
- ✓ (Validator Framework)

Internationalization(I18N)

- ✓ I18N at Core level
- ✓ NumberFormat
- ✓ DateFormat
- ✓ ResourceBundle
- ✓ I18N at Weblevel(Server & Jsp)
- ✓ JSTL format tags
- ✓ I18N in Struts

Exception Handling in Struts

- ✓ Programmatic Approach
- ✓ Declarative Approach
- ✓ Custom Exceptions in Struts
- ✓ Customization on ExceptionHandler

Tiles Frame work

Built-in Actions in Struts

- ✓ IncludeAction
- ✓ ForwardAction
- ✓ LocaleAction
- ✓ DispatchAction
- ✓ LookupDispatchAction
- ✓ MappingDispatchAction
- ✓ EventDispatchAction
- ✓ SwitchAction
- ✓

Struts 2.x

- ✓ Diff b/w Struts 1.x and Struts 2.x
- ✓ Struts 2.x Flow of Execution
- ✓ Struts 2.X Elements
- ✓ Steps to design Struts Appl. In 2.x version
- ✓ Struts 2.x Tag library
- ✓ Struts 2.x Application with Annotation
- ✓ Struts 2.x Validations
- ✓

Database:Oracle

- ✓ Servers:Tomcat & Weblogic
- ✓ IDE's: MyEclipse, NetBeans