

STRUTS SYLLABUS

Hi Folks,

Oranium Tech introducing some amazing content on Struts. Looking for a professional platform to learn the Struts Course in Chennai? Join Oranium Tech! Struts Training in Chennai at Oranium Tech delivers the students with a comprehensive learning experience of the Struts Framework, Architecture, and its Lifecycle in real-time practices under the mentorship of Expert Professionals. By the end of the Struts training program at Oranium Tech, you will become well-versed with its Environment, Setup, Configurations, Database Actions, Interceptors, Types Conversion, Tags, Themes, Templates, Exceptional Handling, and Validations.

1) 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
- WebApplication Models
 - Model1-Architecture
 - Model2-Architecture
- MVC Architecture & its Rules & Regulations

- FrameWork
 - Web Framework
 - Application Framework
- Struts Framework History

2)Struts Flow of Execution

3)Struts Elements

- View
- ActionServlet
- RequestProcessor
- FormBean(ActionForm)
- Action class
- web.xml
- Struts Configuration File

4)Struts Tag Library

- Html Tag library
- Bean Tag library
- Logic Tag library
- Nested Tag library
- Tiles Tag library

5)DynaActionForm & LazyDynaBean

6)Local Forwards & Global Forwards

7)Validations

- Client Side Validations
 - Programmatic Approach
 - Declarative Approach (Validator Framework)
- Server Side Validations
 - Programmatic Approach
 - Declarative Approach (Validator Framework)



8) Internationalization(I18N)

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

9)Exception Handling in Struts

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

10)Tiles Frame work

11)Built-in Actions in Struts

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

12) 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



13)Database:Oracle

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

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