

JAVA STRUTS

Curriculum

Duration: 25 Days

STRUTS v2.0

➤ STRUTS 2 FRAMEWORK

- MVC/Model2
- Filter Dispatcher
- Action
- Result
- Interceptors
- ValueStack, OGNL & Data Transfer
- ActionContext

➤ WORKING WITH STRUTS 2 ACTIONS

- Introducing Struts 2 actions
- Packaging your actions
- Implementing actions
- Transferring data onto objects
- File uploading: a case study

➤ ADDING WORKFLOW WITH INTERCEPTORS

- Why intercept requests?
- Interceptors in action
- Surveying the built-in Struts 2 interceptors
- Declaring interceptors
- Building your own interceptor

➤ DATA TRANSFER: OGNL AND TYPE CONVERSION

- Data transfer and type conversion:
- OGNL and Struts 2
- Built-in type converters
- Customizing type conversion

➤ BUILDING A VIEW: TAGS

- An overview of Struts tags
- Data tags
- Control tags
- Miscellaneous tags
- Using JSTL and other native tags
- A brief primer for the OGNL expression language

➤ UI COMPONENT TAGS

- Why we need UI component tags
- Tags, templates, and themes
- UI Component tag reference

➤ RESULTS IN DETAIL

- Life after the action
- Commonly used result types
- Global results

➤ **INTEGRATING WITH SPRING AND HIBERNATE/JPA**

- Why use Spring with Struts 2?
- Adding Spring to Struts 2
- Why use the Java Persistence API with Struts 2?

➤ **EXPLORING THE VALIDATION FRAMEWORK**

- Getting familiar with the validation framework
- Wiring your actions for validation
- Writing a custom validator
- Validation framework advanced topics

➤ **UNDERSTANDING INTERNATIONALIZATION**

- The Struts 2 framework and Java i18n
- A Struts 2 i18n demo
- Struts 2 i18n: the details
- Overriding the framework's default locale determination