

## STRUTS 2 + AJAX

1. **Model-View-Controller (MVC) Architecture**
2. **Model 1 and Model 2 Approach in Web Applications**
3. **What is a Framework?**
4. **Introduction to Struts 2.0 Framework**
5. **Struts Framework Components**
  - Controller Components
  - Model Components
  - View Components
6. **Struts 2.0 Configuring Elements**
  - Administrator Elements
    - Bean Configuration
    - Constant Configuration
    - Package Configuration
    - Namespace Configuration
    - Include Configuration
  - Request Handling Elements
    - Interceptor Configuration
    - Action Configuration
    - Result Configuration
  - Exception Handling
    - Exception Configuration
7. **Struts 2.0 Configuring Files**
  - web.xml
  - struts.xml
  - struts.properties
  - struts-default.xml
8. **Interceptors**
  - Understanding Interceptors
  - Configuring Interceptors
  - Stacking Interceptors
  - Writing Interceptors
9. **Expression Language**
  - OGNL Introduction
  - OGNL Language Features
  - Working with Collections
10. **Value Stack**
  - Temporary Objects
  - Model Object
  - Action Object
- Named Objects
11. **UI Components**
  - Templates
  - Themes
  - Simple Tags
  - Collection based Tags
12. **Type Conversion**
  - Built in Type Conversion
  - Creating a Type Converter
  - Advanced Type Conversion
13. **Validation**
  - Manually Validation
  - Validation Framework
  - Basic Validation
  - Client Validation
  - Field Validator
  - Non Field Validation
14. **Localization / Internationalization**
  - UI Tags
  - ValidationAware Interface
  - ActionSupport getText Method
  - Resource Bundle
15. **AJAX**
  - Introduction AJAX
  - AJAX Internals
  - XML Http Request Object
  - AJAX UI Tags
  - Div Tag
  - Submit Tag
  - Anchor Tag
  - Tabbed Panel Tag
  - Auto Completer Tag

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