Introduction to developing J2EE Applications with Struts

Description

Struts is a free framework that provides the necessary elements to develop applications based on Internet technology. It relies on technology standards such as JavaBeans and Java Servlets. The applications and Web services developed with free Internet technology have every incentive to integrate the wealth of Struts components, part of MVC2 architecture. Developers attending this course will learn to design and create server J2EE type components with Struts.

Classroom Registration Price (CHF)
2300
Virtual Classroom Registration Price (CHF)
2150
Course Content
Module 1: Struts2 Introduction

- Lesson 1: What is Struts
- Lesson 2: Struts2 Features
- Lesson 3: Model1 vs Model2

Module 2: Core Components

- Lesson 1: Interceptors
- Lesson 2: ValueStack
- Lesson 3: ActionContext
- Lesson 4: ActionInvocation
- Lesson 5: OGNL

Module 3: Struts 2 Architecture

- Lesson 1: Struts2 Action
- Lesson 1: Struts2 Configuration
    - struts.xml
    - multi configuration
    - multi namespace

Module 4: Interceptors

- Lesson 1:Custom Interceptor
- Lesson 2: Params interceptor
- Lesson 3: ExecAndWait
- Lesson 4: Prepare interceptor
- Lesson 5: ModelDriven interceptor
- Lesson 6: Exception interceptor
- Lesson 7: FileUpload interceptor

Module 5: Struts 2 Validation

- Lesson 1: Custom Validation
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Lesson 2: Bundled Validators
- Requiredstring
- Stringlength
- Email
- Date
- Int
- Double
- Url
- Regex
- Lesson 3: Ajax Validation

Module 6: Aware Interfaces

- Lesson 1: ServletActionContext
- Lesson 2: SessionAware
- Lesson 3: ServletContextAware

Module 7: Struts2 with I18N Module 8: Zero Configuration

- Lesson 1: By convention
- Lesson 2: By annotation

Module 9: UI Tags

- Lesson 1: DateTimePicker
- Lesson 2: Iterator Tag

Documentation

- Digital courseware included

Participant profiles

- Developers
- Project managers

Prerequisites

- Knowledge of Java
- Knowledge of JSP / Servlets and JavaBeans
- It is recommended to have followed the course: JAVA SE 8 Programming

Objectives

- Understand the concepts of components of an approach MVC2
- Master the components of the framework and inter-component communication in STRUTS
- Carry out a mapping function on the components of Struts
- Go further with the related projects from Apache

Niveau
Fondamental
Duration (in Days)
3
Reference
STRUTS