

Java Training: Struts, Workflows & Enterprise Beans (JAV301, 4 jours)

Description

The course Struts, Workflows & Enterprise Beans (Java Training) discusses multi-tiered application development with Java. You learn about Java servlets, JSP, Tag Libraries & Filters. Further, the course provides a detailed investigation of Struts, JSF and of server-side Java Beans including stateful & stateless sessions beans, entity beans & JMS messaging beans.

Tarifs

- Tarification: \$3,750/person
- Rabais de 10% lorsque vous inscrivez 3 personnes.

Plan de cours

Application Architecture

The Application Tiers: 1, 2 and 3-tiered applications
Distributed Applications: Technology and Infrastructure
Web Applications: Technology and Infrastructure
What Makes Good Software?

Java EE Web Programming

Servlets
The JSP Page
Using Beans
State Management
Tag Libraries
Creating a Simple Tag
Using BEA Tag Libraries
Validation Tags
Creating and Using Controls
Servlet Filters

Struts Fundamentals

JSP Model 1 and Model 2 Architecture
Struts Startup
Struts Architecture
Creating a Struts Form
The Action Form

Struts Essentials

Using DynaActionForm
Implementing the Action
Using ActionForward
Using Wildcards
Adding a Message Bundle
Configuring Exception Handling
Using Struts Tag Libraries
Using Struts Tags: A Complete Example

Advanced Struts Features

Using Struts Action Classes

The Validator Framework

Using Tiles

Multiple Application Modules

Logging with Log4J

WebLogic Page Flows

Page Flow Overview

BEA WebLogic Page Flows

Creating a NETUI Page

Implementing Complex Actions

Using Page Inputs

Using Transactions

Java Transactions

Enterprise Design Patterns

Sun Java Enterprise Patterns

Session Façade

Model View Controller (Observer)

Composite View Pattern

View Helper

Front Controller Pattern

The Synchronizer Token Pattern

EJB Fundamentals

EJB Fundamentals: Basic Structures

Creating a Simple EJB

The Deployment Descriptor

EJB Deployment

Creating an EJB Client

Comments

Session Beans

Session Bean Basics

Creating a Stateless Session Bean

Creating a Stateful Session Bean

Advanced Strategies and Best Practices

Entity Beans

Entity Bean Fundamentals

Creating a BMP Entity Bean

CMP Entity Beans: The Mechanics

Deploying a CMP Entity Bean

Introducing JMS

About Message Driven Beans

A Simple JMS Example