SETC Training Corporate Logo

Java Training: JEE Programming for Oracle WebLogic (JWLOG, 4 jours)

Description

The course JEE Programming for Oracle WebLogic (Java Training) starts with an overview of JEE Technologies before moving to an exploration of the WebLogic server. Using practical examples, the training includes the use of Servlets, JSPs & Struts. The course also covers JNDI, JDBC, EJBs & JMS. The course end with Java Web Services & SOA.

Tarifs

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

Plan de cours

Overview Of JEE

- Java Platforms
- JEE Technologies
- Multi-Tier Architectures
- Advantages of Multi-Tier Architectures
- Container-Based Approach
- JEE Application Models
- HTTP Services Application Model
- N-Tiered Application Model
- JEE Deployments

Introduction To Weblogic

- What is WebLogic?
- Overview of WebLogic
- WebLogic Directory Structure
- The config.xml File
- Starting and Stopping WebLogic
- Administrative Commands
- Administrative Utilities
- Administration Console

Servlets

- A Simple Servlet
- Web Applications
- Configuring Servlets
- Running the Servlet in WebLogic
- Setting Initialization Parameters
- Dynamic Reloading of Servlets
- Servlet Initialization Parameters
- Servlets and Threads
- The Single-Thread Model
- Cookies
- Sessions
- Session Management

JavaServer Pages

- JavaServer Pages

A Simple JSP
JSP Syntax
Configuring JavaServer Pages
JSP Directives and Actions
JavaServer Pages and JavaBeans

Struts And JSF

Struts Overview
Moving towards MVC
Working with netui Tags
Implementing a Form Bean
Implementing Actions
Working with Page Flows
Moving towards JSF

Java Naming And Directory Interface

What is JNDI?
Benefits of JNDI
Naming Services
Directory Services
Using JNDI
Context Operations
JNDI Utility Class
Naming Exceptions

Weblogic JDBC

JDBC Driver Types
Connection Pools
JDBC Data Sources
Configuring a JDBC Connection Pool
Configuring Data Sources

Enterprise Javabeans

EJB Component Model
Parties Involved in EJB Deployment
EJB Server
EJB Container
Types of Enterprise Beans
EJB Wrapper Interfaces
Deployment Descriptors
Context and Environment Objects
The Remote Interface
The Home Interface
The Enterprise Bean Class
Using Java Annotations
The Client Code
Deploying the EJB in WebLogic

Session Beans

Session Bean Lifetime
Session Bean Interface
Session Bean Lifecycles
Accessing Environment Entries
Pool Settings for Stateless Session Beans
Deploying and Running the Tax Application