

Developing Applications for the Java EE 7 Platform

Description

The Developing Applications for the Java EE 7 Platform training teaches you how to build and deploy enterprise applications that comply with Java Platform, Enterprise Edition 7. The technologies presented in this course include annotations, Enterprise JavaBeans (EJB), Java Persistence API (JPA), Java Transaction API (JTA), Servlets, JavaServer Pages (JSPs), JavaServer Faces (JSF), Contexts and Dependency Injection (CDI), JAX-RS RESTful and SOAP Web Services, the Java API for WebSocket, Java Message Service API (JMS), Bean Validation, Batch API, Timer services, and Java EE Concurrency.

Course Content

- Module 1: Introduction to Java EE
- Module 2: Managing Persistence by Using JPA Entities
- Module 3: Implementing Business Logic by Using EJBs
- Module 4: Using Java Message Service API
- Module 5: Implementing SOAP Services by Using JAX-WS
- Module 6: Creating Java Web Applications by Using Servlets
- Module 7: Creating Java Web Applications by Using JSPs
- Module 8: Implementing REST Services using JAX-RS API
- Module 9: Creating Java Applications with WebSockets
- Module 10: Develop Web Applications Using JavaServer Faces
- Module 11: Securing Java EE Applications

Documentation

- Digital courseware included

Exam

- This course prepares you to the 1z0-900 exam. If you wish to take this exam, please contact our secretariat who will let you know the cost of the exam and will take care of all the necessary administrative procedures for you

Participant profiles

- Java Developers who want to learn how to utilize the full power of Java EE 7

Prerequisites

- Java SE 8 Programming Ed 1
- Completed the Java SE 8 Programming course
- Java SE 8 Certification
- Experience with the Java language
- Experience with XML
- Experience with basic database concepts and a basic knowledge of SQL

Objectives

- Deploy Java EE applications
- Handle business logic using POJOs, EJBs, SOAP WebServices, and JMS
- Manage persistency using JPA entities
- Create Java web applications using servlets, JSPs, JSFs, REST Services, and WebSockets
- Secure Java EE applications

Niveau

Intermédiaire

Classroom Registration Price (CHF)

3800

Virtual Classroom Registration Price (CHF)

3550

Duration (in Days)

5

Reference

JEE7