

Training: Red Hat
JB183 Red Hat Application Development I: Programming in Java EE

FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Hardcopy	1750 EUR	4 days
Traditional	CTAB Tablet	1850 EUR	4 days

LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

TRAINING GOALS:

In this course, you will learn about the various specifications that make up Java EE. Through hands-on labs, you will transform a simple Java SE command line application into a multi-tiered enterprise application using various Java EE specifications, including Enterprise Java Beans, Java Persistence API, Java Messaging Service, JAX-RS for REST services, Contexts and Dependency Injection (CDI), and JAAS for securing the application.

This course is based on Red Hat® Enterprise Application Platform 7.0.

Audience for this course:

- This course is designed for Java developers who want to learn more about the specifications that comprise the world of Java Enterprise Edition (Java EE).

CONSPECT:

- Transition to multi-tiered applications
 - Describe Java EE features and distinguish between Java EE and Java SE applications.
- Package and deploying applications to an application server
 - Describe the architecture of a Java EE application server, package an application, and deploy the application to an EAP server.
- Create Enterprise Java Beans
 - Develop Enterprise Java Beans, including message-driven beans.
- Manage persistence
 - Create persistence entities with validations.
- Manage entity relationships

- Define and manage JPA entity relationships.
- Create REST services
 - Create REST APIs using the JAX-RS specification.
- Implement Contexts and Dependency Injection
 - Describe typical use cases for using CDI and successfully implement it in an application.
- Create messaging applications with JMS
 - Create messaging clients that send and receive messages using the JMS API.
- Secure Java EE applications
 - Use JAAS to secure a Java EE application.
- Comprehensive review of Red Hat JBoss Development I: Java EE
 - Demonstrate proficiency of the knowledge and skills obtained during the course.

REQUIREMENTS:

Red Hat recommends these prerequisites:

- Proficiency in developing Java SE applications, with 2+ years of experience required
- Proficiency in using an IDE such as Red Hat Developer Studio or Eclipse
- Experience with Maven is recommended but not required

Difficulty level



CERTIFICATE:

Participants will obtain certificates signed by Red Hat.

TRAINER:

Red Hat Certified Instructor.

ADDITIONAL INFORMATION:

Recommended next exam or course:

- EX183 Red Hat Certified Enterprise Application Developer Exam.