

Training: Red Hat
JB421 Camel Integration and Development with Red Hat Fuse

| FORM OF TRAINING | MATERIALS | PRICE | DURATION |
|------------------|-------------|----------|----------|
| Traditional | Hardcopy | 2500 EUR | 4 days |
| Traditional | CTAB Tablet | 2600 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:

Learn to develop, implement, test, and deploy applications utilizing enterprise integration patterns (EIP). JB421 Camel Integration and Development with Red Hat Fuse is a hands-on, lab-based course that gives Java™ developers and architects an understanding of Apache Camel and the enhancements and tools Red Hat offers in support of Camel development.

This course is based on Red Hat® Enterprise Linux® 7.5, OpenShift 3.9, Fuse 7.0, and Camel 2.21.

Audience for this course:

- Java developers who need to learn how to use Camel, implement enterprise integration patterns (EIPs), and develop integration applications with Camel
- Java architects who need to understand how Apache Camel can be used in software architectures requiring integration between applications

CONSPECT:

- Introduce Fuse and Camel
 - Describe how Fuse and Camel are used to integrate applications.
- Create routes
 - Develop simple Camel routes.
- Transform data
 - Convert messages between data formats using implicit and explicit transformation.
- Create tests for routes and error handling with Camel
 - Develop reliable routes by developing route tests and handling errors.
- Route with Java beans

- Create dynamic routes in Camel using Java beans.
- Implement REST services
 - Enable REST support on Camel with Java REST APIs.
- Deploy Camel routes
 - Package and deploy Camel applications for deployment with Red Hat Fuse.
- Implement transactions
 - Provide data integrity in route processing by implementing transactions.
- Implement parallel processing
 - Improve route processing throughput using Camel parallel processing mechanisms.
- Perform comprehensive review
 - Demonstrate use of the knowledge gained in this course through coding Camel routes.

REQUIREMENTS:

Red Hat recommends these prerequisites:

- Experience in developing and deploying Java EE 7 applications
- Experience with relational databases, JDBC, and SQL
- Experience with Java development tools such as Maven and Eclipse

Not sure if you have the correct skill-set knowledge? Find out by passing the online skills assessment:
<https://www.redhat.com/wapps/assessment/tx/begin?asmt=sysadmin&partner=compendium>

Difficulty level



CERTIFICATE:

Participants will obtain certificates signed by Red Hat.

TRAINER:

Red Hat Certified Instructor.

ADDITIONAL INFORMATION:

Recommended next exam or course:

- EX421 Red Hat Certified Specialist in Camel Development exam