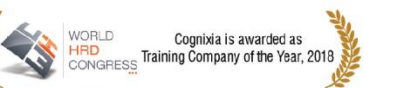




Red Hat JBoss Fuse Rapid Track (JB439)

In association with :  **redhat.**



DESCRIPTION:

Course overview

Learn the skills you need to develop and implement enterprise integration patterns (EIP) using Camel, and see how to deploy EIPs in Red Hat JBoss Fuse—an enterprise service bus (ESB) built on Apache ServiceMix. In addition, learn how to use Red Hat JBoss A-MQ—a messaging platform based on Apache Camel.

Course content summary

- Core concepts of OSGi-based deployment and design
- How to rapidly implement, test, and debug EIPs
- Overview of advanced EIPs
- Fundamentals of message-oriented middleware (MOM), JMS concepts, and enhancements to JMS by Red Hat JBoss A-MQ
- Numerous broker topologies
- Performance-tuning techniques
- Configuration management using Fabric

AUDIENCE AND PREREQUISITES:

- Java developers and architects who need to learn how to implement EIPs using Camel, as well as how to use the messaging capabilities of Red Hat JBoss A-MQ (ActiveMQ).
- Integration system managers who need to configure and maintain networks of brokers and enterprise service bus (ESB) instances using features of Fuse Fabric.

Prerequisites for this course

Students attending this course should have:

- Understanding of the Spring framework and Java, including Java development tools (e.g., Ant, Maven, and Eclipse).
- Basic knowledge of and experience with Apache Maven.
- OSGi basic concepts.

Not sure if you have the right skill set to take this course? If you pass the online skills assessment, you're qualified.

OUTLINE:

Outline for this course

Introduction

- JBoss Fuse product family

Red Hat JBoss Fuse

- Introduction
- Install and customize
- Management
- Implement of OSGi in production

Red Hat JBoss A-MQ

- Install and configure
- Customize and integrate of network of brokers
- Increase availability and reliability
- Increase performance
- Connect using Java Message Services (JMS)

Camel

- Introduction
- Develop integration solutions
- Perform basic data transformations
- Perform advanced data transformations
- Perform basic components
- Perform network-based components

- Test applications
- Manage error handling
- Threading and transactions
- Integrate Camel and Fabric



Thank You

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