

Developing Applications for IBM MQ V9.2 with JMS

Duration: 3 Days **Course Code: WM514G** **Delivery Method: Virtual Learning**

Overview:

This course is intended to teach the skills that are needed to create a JMS 2.0 application to interface with IBM MQ queue managers.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

Target Audience:

This course is intended for JMS 2.0 developers.

Objectives:

- Describe and identify IBM MQ features and components
- Configure IBM MQ for a development environment
- Test IBM MQ using sample programs
- Understand development options in IBM MQ
- Implement the JMS 2.0 API for IBM MQ
- Use JMS to connect to a queue manager
- Send and receive a message in JMS
- Publish and subscribe to a topic
- Understand all JMS message types
- Explain the purpose of allowlisting
- Increase security with allowlist in enforcement mode
- Explore data in the message body
- Use a transaction in JMS to IBM MQ
- Send messages asynchronously
- Describe Transport Layer Security in IBM MQ
- Explore the IBM MQ development patterns
- Understand REST API calls to IBM MQ

Prerequisites:

Experience with JMS

Content:

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| <ul style="list-style-type: none"> ■ Course introduction ■ IBM MQ introduction ■ IBM MQ configuration ■ Developing in IBM MQ ■ Connecting to IBM MQ | <ul style="list-style-type: none"> ■ Publish and subscribe in JMS ■ IBM MQ message types ■ Allowlisting in IBM MQ ■ Message data ■ Performing transactions | <ul style="list-style-type: none"> ■ Asynchronous messaging using JMS ■ Transport Layer Security in JMS ■ Development patterns for IBM MQ ■ REST API in IBM MQ ■ Course summary |
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Further Information:

For More information, or to book your course, please call us on Head Office 01189 123456 / Northern Office 0113 242 5931

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