

## Java Application Development II

### Overview

Building on the *Java® application development I* course, this course focuses on advanced techniques used to develop BlackBerry® device applications. Topics to be covered include: background applications, application communication, and integration with email, organizer applications and notifications.

### Who should attend

- Java application developers who want to develop BlackBerry device applications

### Topics covered

- Background applications
- Application communication
- Integrating email
- Integrating with organizer applications
- Integrating notification profiles

### Course Details

**Course Code:** 738-00437-123

**Approximate Duration:** 45 minutes

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## Course objectives

### Module 1 – Background applications

- Define the usage of a background push listener.
- Outline the steps needed to create an auto-start application.

### Module 2 – Application communication

- Define global events and how they can be used to communicate with other applications.
- Identify the purpose of the runtime store.
- Identify the usage of the invocation APIs.
- Learn how to create custom menu items.

### Module 3 – Integrating email

- Understand the classes, interfaces, events and listeners used for email integration.
- Learn how to listen for a mail event and programmatically send an email message.

### Module 4 – Integrating with organizer applications

- Understand the PIM APIs and how they can be used to access standard organizer data and specific BlackBerry device organizer data.
- Learn how to have your application access Address Book and Calendar information on the BlackBerry device.

### Module 5 – Integrating notification profiles

- Identify the types of notification events.
- Understand how to add and respond to notification events.