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## Developing Mainframe Applications with IBM Rational Developer for System z V9.0 Information

- Length:** 2.0 Days
- Ref:** RN111G
- Delivery method:** Classroom Instructor Led  
Online
- Price:** EUR

### Overview

This course introduces using Rational Developer for System z for mainframe application development and maintenance, featuring hands-on work with COBOL programs, and DB2 and CICS technologies.

### Public

This intermediate course is intended for System z mainframe application developers.

### Prerequisites

You should:

- Have prior experience working with z/OS, IBM OS/390, or IBM MVS systems
- Use the COBOL language and understand COBOL syntax
- Understand and develop simple job control language (JCL)
- Understand basic Customer Information Control System (CICS) concepts and terms

### Objective

- Create and manage z/OS connections
- Create, navigate, and edit z/OS projects
- Develop COBOL programs
- Develop BMS maps
- Debug and troubleshoot COBOL programs and CICS applications using the IBM Debug Tool integration
- Work with DB2 data and build SQL queries

### Topics

- Overview of IBM Rational Developer for System z
- The Rational Developer for System z workbench
- Connecting to a remote z/OS system from the workbench

- Program analysis and advanced navigation
- Work with DB2 data, coding and testing embedded SQL queries
- Managing, editing, comparing, and reviewing programs
- Debugging remote applications
- Determining code coverage

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