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Developing Rule Solutions in IBM Operational Decision Manager V8.9  
Information

<b>Length:</b>	40.0 Hours
<b>Ref:</b>	WB400G
<b>Delivery method:</b>	ClassroomInstructor Led Online
<b>Price:</b>	EUR

Overview

An updated version of this course is available. For more information, click*Developing Rule Solutions in IBM Operational Decision Manager V8.9.2* (WB402G).

This course is also available as self-paced virtual (e-learning) course*Developing Rule Solutions in IBM Operational Decision Manager V8.9* (ZB400G). This option does not require any travel.

This course introduces developers to IBM Operational Decision Manager V8.9. It teaches you the concepts and skills that you need to design, develop, and integrate a business rule solution with Operational Decision Manager.

The course begins with an overview of Operational Decision Manager, which is composed of two main environments: Decision Server for technical users and Decision Center for business users. The course outlines the collaboration between development and business teams during project development.

Through instructor-led presentations and hands-on lab exercises, you learn about the core features of Decision Server, which is the primary working environment for developers. You design decision services and work with the object models that are required to author and execute rule artifacts. You gain experience with deployment and execution, and work extensively with Rule Execution Server. In addition, you become familiar with rule authoring so that you can support business users to set up and customize the rule authoring and validation environments. You also learn how to use Operational Decision Manager features to support decision governance.

The lab environment for this course uses Windows Server 2012 R2 Standard Edition.

For information about other related courses, see the IBM Training website:  
<http://www.ibm.com/training>

Public

This course is designed for application developers.

## Prerequisites

- Experience with the Java programming language and object-oriented concepts
- Knowledge of Java Platform, Enterprise Edition (Java EE)
- Basic knowledge of Extensible Markup Language (XML)
- Basic knowledge of the REST API and RESTful architecture

## Topics

Course introduction

Introducing IBM Operational Decision Manager

Exercise: Operational Decision Manager in action

Developing decision services

Exercise: Setting up decision services

Programming with business rules

Developing object models

Exercise: Working with the BOM

Exercise: Refactoring

Orchestrating ruleset execution

Exercise: Working with ruleflows

Authoring rules

Exercise: Exploring action rules

Exercise: Authoring action rules

Exercise: Authoring decision tables

Customizing rule vocabulary with categories and domains

Exercise: Working with static domains

Exercise: Working with dynamic domains

Working with queries

Exercise: Working with queries

Debugging rules

Exercise: Executing rules locally

Exercise: Debugging a ruleset

Enabling tests and simulations

Exercise: Enabling rule validation

Managing deployment

Exercise: Managing deployment

Exercise: Using Build Command to build RuleApps

Executing rules with Rule Execution Server

Exercise: Exploring the Rule Execution Server console

Auditing and monitoring ruleset execution

- Exercise: Auditing ruleset execution through Decision Warehouse
- Working with the REST API
- Exercise: Executing rules as a hosted transparent decision service (HTDS)
- Introducing decision governance
- Course summary