



Arrow ECS Finland Oy - Education Services

## TRAINING OFFERING

---

**You can reach us at:**

Arrow ECS Finland Oy, Lars Sonckin kaari 16, 02600 Espoo, Finland

Email: [education.ecs.fi@arrow.com](mailto:education.ecs.fi@arrow.com)

Phone: 0870 251 1000



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

<b>CODE:</b>	<b>LENGTH:</b>	<b>PRICE:</b>
ZB400G	40 Hours	€1,440.00

## Description

An updated version of this course is available. For more information, click [Developing Rule Solutions in IBM Operational Decision Manager V8.9.2 \(ZB402G\)](#).

This course is also available as classroom course [Developing Rule Solutions in IBM Operational Decision Manager V8.9 \(WB400G\)](#).

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>

If you are enrolling in a Self Paced Virtual Classroom or Web Based Training course, before you enroll, please review the [Self-Paced Virtual Classes and Web-Based Training Classes on our Terms and Conditions page](#), as well as the system requirements, to ensure that your system meets the minimum requirements for this course. <http://www.ibm.com/training/terms>

## Objectives

- Describe the benefits of implementing a decision management solution with Operational Decision Manager
- Identify the key user roles that are involved in designing and developing a decision management solution, and the tasks that are associated with each role
- Describe the development process of building a business rule application and the collaboration between business and development teams
- Set up and customize the Business Object Model (BOM) and vocabulary for rule authoring
- Implement the Execution Object Model (XOM) that enables rule execution
- Orchestrate rule execution through ruleflows
- Author rule artifacts to implement business policies
- Debug business rule applications to ensure that the implemented business logic is error-free
- Set up and customize testing and simulation for business users
- Package and deploy decision services to test and production environments
- Integrate decision services for managed execution within an enterprise environment
- Monitor and audit execution of decision services
- Work with Operational Decision Manager features that support decision governance

## Audience

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

## Programme

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

## Further Information

Prior to enrolling, IBM Employees must follow their Division/Department processes to obtain approval to attend this public training class. Failure to follow Division/Department approval processes may result in the IBM Employee being personally responsible for the class charges.

GBS practitioners that use the EViTA system for requesting external training should use that same process for this course. Go to the EViTA site to start this process:

<http://w3.ibm.com/services/gbs/evita/BCSVTEnr1.nsf>

Once you enroll in a GTP class, you will receive a confirmation letter that should show:

- The current GTP list price
- The 20% discounted price available to IBMers. This is the price you will be invoiced for the class.

## Session Dates

Date	Location	Time Zone	Language	Type	Guaranteed	PRICE
04 Feb 2023			English	Self Paced Training		€1,440.00

## Additional Information

[This training is also available as onsite training. Please contact us to find out more.](#)