



**Enterprise Computing Solutions - Education Services**

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# Developing Rule Solutions in IBM Operational Decision Manager V8.6

CODE:	DURÉE:	PRIX H.T.:
WB390G	40 Hours (5 Jours)	€3,500.00

## Description

An updated version of this course is available. For more information, click *Developing Rule Solutions in IBM Operational Decision Manager V8.7* (WB392G).

This course is also available as classroom course, *Developing Rule Solutions in IBM Operational Decision Manager V8.0* (ZB390G).

This course introduces developers to IBM Operational Decision Manager V8.6. In this course, you learn the concepts and skills that you need to design, develop, and integrate a business rule solution with Operational Decision Manager.

For information about other related courses, visit the IBM Training website:

<http://www.ibm.com/training>

## Objectifs

- 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 the testing and simulation environment for business users
- Package and deploy rulesets to testing and production environments
- Integrate decision services for managed execution within an enterprise environment
- Build client applications to invoke ruleset execution
- Test, monitor, and audit execution of decision services
- Work with Operational Decision Manager features that support decision governance, including the decision governance framework for decision services

## Audience

This intermediate course is designed for application developers.

## Prérequis

You should have:

- Experience with the Java programming language **and** object-oriented concepts
- Experience with Java Platform, Standard Edition (Java SE)
- Knowledge of Java Platform, Enterprise Edition (Java EE)
- Basic knowledge of Extensible Markup Language (XML)

**Note:** If you do not meet all of the requirements, you can still complete the lab exercises for this class by following the step-by-step instructions that are provided.

## Programme

- Course introduction
- Introducing IBM Operational Decision Manager V8.6
- Exercise: Operational Decision Manager in action
- Getting started with business rule application development
- Exercise: Setting up rule projects
- 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 and decision trees
- Customizing rule vocabulary with categories and domains
- Exercise: Working with static domains
- Exercise: Working with dynamic domains
- Queries and ruleset extraction
- Exercise: Queries and ruleset extraction
- Debugging rules
- Exercise: Executing rules locally
- Exercise: Debugging a ruleset
- Enabling tests and simulations
- Exercise: Enabling tests and simulations
- Managing deployment
- Exercise: Managing deployment
- Executing rules with Rule Execution Server
- Exercise: Exploring the Rule Execution Server console
- Exercise: Executing rules with Rule Execution Server in Java SE
- Exercise: Executing rules with Rule Execution Server in Java EE
- Exercise: Executing rules as a hosted transparent decision service (HTDS)
- Auditing and monitoring ruleset execution
- Exercise: Auditing ruleset execution through Decision Warehouse
- Working with the REST API
- Exercise: Working with the REST API
- Introducing decision governance
- Exercise: Working with decision services
- Course summary

## Dates de session

Sur demande. [Merci de nous contacter](#)

## Informations

### Complémentaires

[Cette formation est également disponible sous forme de formation sur site. Veuillez nous contacter pour en savoir plus.](#)