

# Capturing business rules with ILOG JRules

## Topics

This course is about knowledge engineering, and ILOG JRules. It shows business rule methodology and how it is supported by ILOG JRules enterprise component.

Three complementary hands-on labs help gain a rich experience with business rule capture, rule authoring, and business rule management.

### *Why business rules and how to manage them*

Why business rules?

What are the business rule applications?

### *Concept of operations*

Rule and application lifecycle

### *Authoring rules in the Rule Builder*

Structure of a business rule

### *Business rule application project*

Rule formats

Rule capture documents

Rule discovery processes

### *Rule-based programming principles*

What is a rule

How a rule engine works

ILOG JRules approach

### *Rule repository*

Architecture

The Rule Builder

### *Capturing and analyzing rules*

Rule discovery

Rule analysis

What 's next

### *Authoring rules*

Language and structure

Conditions

Variable definitions

Actions

Priorities

### *Authoring decision tables and decision trees*

Structure

Decision table editor

Decision tree editor

## Objectives

The primary audience is business analysts. However, project leaders who want to get an overview of the entire process, from rule capture to rule engine design, are welcome.

- Learn how to capture business requirements in the form of business rules
- Explore how JRules product suite can help support business rule management as a requirement capture and validation tool, but also as a maintenance tool.

## Prerequisites

General understanding of data modeling and more specifically object modeling or entity relationship modeling. Knowledge about software development practices. Experience with business policies and practices.

## Length

- 3 days
- 9:00 am – 6:00 pm

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### *Organizing and orchestrating rules*

Best practices

Versioning

Locking

Querying

### *Conclusion and open forum*

Discussion of participants' questions