

ILOG JRules 6.7 Training for Developers: Developing a business rule application

Course Overview

This course is designed to help developers become comfortable with JRules software tools and the techniques required for developing business rule applications. The course is designed to impart the skills and techniques required for developing a business rules application with ILOG JRules.

Objectives

- Understand the “big picture” of building a business rule application with JRules
- Understand the fundamentals of rule-based programming and how to prepare a rule authoring environment for business users
- Learn techniques for integrating rules into your applications

Prerequisites

Participants are expected to have programming experience of the Java language and some exposure to J2EE

Length

- 5 days
 - 9:00 am – 6:00 pm
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Course Outline

Introducing Business Rules

An introduction to business rules, business rule management systems, and user roles.

Introducing ILOG JRules

A demonstration of ILOG JRules shows students how the different JRules modules are used together to develop and deploy a business rule application.

Programming with Business Rules

This lesson introduces students to the rule development environment and the JRules rule engine.

Working with the Business Object Model

An overview of the Business Object Model and the Execution Object Model.

Authoring Rules

An overview of rule authoring concepts provides the groundwork for working with business rules, decision tables, decision trees, and technical rules.

Designing rulesets

Students learn how to orchestrate rule execution using ruleflows, rule selection and rule overriding. It also covers how to debug rule execution.

Deploying rules

A short lesson on how to prepare rules for deployment.

Using Rule Execution Server

An introduction to Rule Execution Server, deployment scenarios, and how to invoke execution from your application.

Working with Rule Team Server

An introduction to Rule Team Server:

- Rule authoring environment
- Versioning, history, and baselines
- Managing roles and permissions

Using Rule Management Services

An overview of the rule management features, including:

- Queries and searches
- Reporting
- Synchronizing rule projects
- Support for Source Code Control (SCC)
- Extending the rule model

Understanding rule execution strategies

This lesson covers advanced topics regarding rule execution control and execution modes.

Rule Governance

Students are introduced to best practices for implementing rule governance with JRules, and see a demonstration of how Rule Team Server features can support a rule change process.

Workshop

The final lab is a full day workshop for students to apply what they've learned and develop a business rule application.

