

# ILOG JRules 6.6 Training

## Authoring Rules in Rule Team Server

### Course Overview

This 2-day course is designed for business users who will be writing and maintaining rules on a regular basis. Hands-on activities provide plenty of opportunities to develop rule authoring skills. **Note:** While Rule Team Server is used as the primary authoring tool in this course, skills mastered throughout this course are easily transferable to working in Rule Studio.

### Objectives

- Understand where rule authoring and maintenance fit into the overall picture of a business rule management application.
- Learn the basics of using Rule Team Server and become comfortable working in it
- Practice and develop rule authoring skills

### Prerequisites

- Experience with business policies and practices

### Length

- 2 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. This provides an important overview for students, providing the context of how rule authoring and maintenance fits into the overall business rule application.

#### *Authoring Rules: An Introduction*

An introduction to rule authoring concepts provides the groundwork for rule authoring details and practices.

- The who, what, when, and where of rule authoring
- Rule language and types of rule artifacts
- Rule structure in JRules

#### *Getting Comfortable with Rule Team Server*

An overview of Rule Team Server shows how rule authoring and maintenance tasks are approached in its user interface.

Through demonstration and practice, students get comfortable with the basic mechanics of entering and editing rules and their associated properties, so that they can focus on the authoring aspects of rules in the next lesson.

Along the way, students are introduced to versioning and baselines.

#### *Authoring Rules In-depth*

An in-depth look at authoring rules includes extensive hands-on practice based on a real-life business case. Students learn about:

- Conditions, actions, and variable definitions, and how to write them
- How to write rules, moving from English to BAL (Business Action Language)
- Handling errors in the rule editor
- Use of Boolean logic in rule authoring (Ands, Ors, and Nots)

#### *Authoring Decision Tables and Trees*

Students learn to identify when a set of rules would best be represented by a decision table or decision tree. Hands-on activities allow students to practice using the decision tree editor.

#### *Queries and Checks*

Through discussion and practice, students learn about JRules query features that can be used to locate rules that meet specific criteria and to perform actions on a set of rules. Query checks (also known as static analysis) are also covered, as students learn how to analyze a set of rules for a range of conditions including redundancy, overlapping conditions, and more.

*Note: The sequence of topics shown here is approximate and may be adjusted in actual training sessions.*