Capturing and Authoring Rules in IBM ILOG JRules BRMS V7.1 – Rule Studio Version

Varighed: 5 Days  Kursus Kode: WB313G

Beskrivelse:
This 5-day instructor-led course introduces business analysts to the IBM WebSphere ILOG JRules Business Rule Management System (BRMS), and teaches the concepts and skills necessary to capture, author, validate, and manage business rules using IBM WebSphere ILOG JRules BRMS V7.1.

Through instructor-led presentations, product demonstrations, and hands-on lab exercises, students learn the core features of WebSphere ILOG JRules BRMS V7.1, and how to work collaboratively with business policy experts and development teams. In this course, students receive intensive training in modeling business rule vocabulary, rule discovery, and rule authoring. A realistic case study is used throughout the course to demonstrate the principles and best practices for discovering, analyzing, and authoring business rules.

The course begins with an overview of JRules BRMS and the modeling concepts related to business rule applications. Students work with Unified Modeling Language (UML) notation to document use cases and draw class diagrams, and work with real-life business models, use cases, and business policies during the rule discovery and analysis labs. After learning how to transform business policy into rules, students get an in-depth look at rule authoring. Students work with rules that are based on an actual business model, which lets them experience some of the questions and issues that can arise when users author rules that reflect complex business decisions and models. Students also closely examine the business case study and its underlying business object model (BOM) to understand how the BOM is reflected in the rules. The rule authoring exercises build on each other, and demonstrate the relationship between the BOM and the vocabulary that is available in the rule editors.

Målgruppe:
This course is designed for business analysts.

Agenda:
- Describe the benefits of implementing a Business Rule Management System (BRMS) and the collaboration that is required between the business and development teams
- Identify the key user roles involved in a business rule project and the tasks associated with each role
- Explain modeling concepts and Unified Modeling Language (UML) notations that are related to modeling for business rules
- Define and implement a business object model based on use cases and class diagrams
- Formulate business policies as rule statements using rule discovery and analysis best practices
- Set up the rule authoring environment by working with rule projects, ruleflows, and synchronization between development and business environments
- Use JRules BRMS rule editors to author business rules and decision tables using the vocabulary and business terms associated with the underlying business object model
- Develop appropriate condition and action statements using Business Action Language (BAL)
- Define and use variables to simplify rule authoring and readability
- Use query features to locate and modify rules, run semantic queries, analyze rules, and generate reports
- Use Decision Validation Services to run tests and simulations
- Use various Rule Team Server features that support rule management, such as versioning, baselines, project analysis, reporting, and permission management
- Explain governance issues and identify JRules BRMS features that support rule governance

Forudsætninger:
Student should have:
Experience with identifying, defining, and testing business policies and rules
A basic understanding of business models

Indhold:
- Course introduction
- Introducing business rules
- Introducing JRules BRMS
- Modeling for business rules
- Exercise: Building the model on paper
- Exercise: Implementing the model
- Discovering and analyzing rules
- Understanding rule projects
- Working with the BOM
- Introducing rule authoring
- Working with conditions in rules
- Working with definitions in rules
- Writing complete rules
- Authoring decision tables and trees
- Exercise: Authoring rules: Putting it all together
- Reviewing rules
- Running tests and simulations with Decision Validation Services
- Introducing Rule Team Server management features
- Introducing rule governance
- Course summary

Flere Informationer:
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