

Training: Red Hat  
JB463 Developing Rules Applications with Red Hat JBoss BRMS

FORM OF TRAINING	MATERIALS	PRICE	DURATION
Traditional	Hardcopy	1650 EUR	2 days
Traditional	CTAB Tablet	1750 EUR	2 days
Distance learning	Hardcopy	1650 EUR	2 days
Distance learning	CTAB Tablet	1650 EUR	2 days

## LOCATIONS

Krakow - 5 Tatarska Street, II floor, hours: 9:00 am - 4:00 pm

Warsaw - 17 Bielska Street, hours: 9:00 am - 4:00 pm

## TRAINING GOALS:

**Developing Rules Applications with Red Hat JBoss BRMS (JB463)** teaches rule developers and Java™ enterprise application developers how to create, test, debug, and control business rules, how to generate rules packages, and how the Red Hat JBoss BRMS [business rules management system] runtime environment executes rules. Students will use **Red Hat JBoss Developer Studio 7** and **Red Hat JBoss BRMS 6** to perform detailed, hands-on exercises that enable them to create and manage business rules in a production environment. The principles in this course can be applied to implementing a standalone Red Hat JBoss BRMS solution or a **Red Hat JBoss BPM Suite** (business process management) solution.

Audience for this course:

- Rule authors responsible for authoring and testing rules, using Red Hat JBoss Developer Studio
- Java application developers responsible for developing and integrating business rules into Java and Java EE enterprise applications

## CONSPECT:

- Overview of Red Hat JBoss BRMS
  - Describe the architecture and business need for Red Hat JBoss BRMS.
- Author basic rules
  - Author basic business rules using Red Hat JBoss Developer Studio.
- Decision tables
  - Describe the purpose and layout of a spreadsheet decision table, and identify how JBoss

BRMS loads the decision table at runtime.

- Domain-specific languages
  - Describe the purpose of domain-specific languages (DSLs), how to declare them, and how to use them in a rule.
- Test rules
  - Verify that given appropriate facts, a rule will be matched and actioned.
- Author complex rules
  - Describe and use rules.
- Develop rule applications
  - Implement rule management and rule integration into an application and call the rule server at runtime.
- Control rule execution
  - Describe and implement conflict resolution strategies in rule execution.
- Debug Drools
  - Describe the process of debugging Drools applications in Red Hat JBoss Developer Studio.
- Complex event processing
  - Describe and use complex event processing with rules.
- Performance (subject to time)
  - Optimize the processing and performance of rule execution at runtime.

## REQUIREMENTS:

- Basic **Java and Java EE programming** experience
- Knowledge of the Eclipse IDE, Maven, and GIT are useful, but not essential
- Business rule development experience is not required

## Difficulty level



## CERTIFICATE:

Participants will obtain certificates signed by Red Hat.

## TRAINER:

Red Hat Certified Instructor.