

000-529 - IBM WebSphere ILOG JRules V7.0. Application Development

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QUESTION: 1

In a Wireless Telecom provider the Service Level Agreement (SLA) policy defines the following business policy: "A customer service request must be brought to the attention of a supervisor if the request is not resolved within 4 hours".

Where should the policy be implemented?

- A. In a BRMS.
- B. In a process flow.
- C. In the Data Model.
- D. In a SQL procedure.
- E. In the application code.
- F. In a Graphical User Interface.

Answer: B

QUESTION: 2

The XOM defines a class Person with an integer attribute age. A large portion of the rules that need to be written are targeting adults, defined as persons 18 or older. The developer wants to facilitate the writing of these rules by extending the BOM, specifically by using the BOM class mapping mechanism of JRules.

Which is a valid solution?

- A. 1. Create a virtual class BOM class named Adult.
2. Set its execution name to the Person XOM class.
3. Override the getClass method on the Person BOM class so that it returns the runtime class Adult when the person's age is a least 18.
- B. 1. Create a subclass of Person named Adult in the XOM.
2. Implement a method called tester for the Adult class that tests whether the person's age is at least 18.
3. Set the extender name of the Person BOM class to the Adult XOM class in the BOM to XOM Mapping section of the class editor.
- C. 1. Create a virtual class named Adult in the BOM.
2. Set its execution name to the Person XOM class.
3. Define IRL code that tests whether the person's age is at least 18 as the tester code in the BOM to XOM Mapping section of the class editor.
- D. 1. Create a subclass of Person named Adult in the BOM.
2. Add a boolean virtual method to this subclass that tests whether the person's age is at least 18.

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3. Designate this method as the tester method in the BOM to XOM Mapping section of the method editor.

Answer: C

QUESTION: 3

A loan company is using a business rule application to decide which borrower's loans will be approved. Each loan is approved or rejected based on validation and eligibility rules which reason about borrower's data such as yearly income or credit score. It is extremely important for the company to gather statistical data such as the percentage of loans approved for a determined borrower's credit score to adjust the rules and avoid the ascending number of unpaid loans. The Rule Developer is asked to provide this statistical data as the result of rule execution through historical data.

What is the most efficient way to accomplish this?

- A. Use JRules connectors to BI tools to get the desired results.
- B. Create a simulation and define KPIs to show the desired statistics.
- C. Use the DVS console to define test scenarios and configure it to compute the statistics from the results.
- D. Develop a Java application using JRules API to gather the data, execute rules, and process the results to compute the desired statistics.

Answer: B

QUESTION: 4

The Business Analyst wants to gather a list of persons from the working memory sorted by their rank attribute so the Rules Developer writes the following rule: definitions set 'subject' to a person ; if there is no person where the rank of this person is more than the rank of subject , then add subject to 'person list' ; When running the rule, the resulting list only contains the person with the highest rank.

How can the Rules Developer fix the rule and perform the intended operation?

- A. Check the option Update object state for the 'person list' variable.
- B. Use a dynamic priority for the rule which value is defined as subject.rank.
- C. Add another condition to the rule to verify that subject is not part of 'person list'.
- D. Add a condition to the "there is no" statement to verify that 'this person' is not part of 'person list'.

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E. Change the definition of subject to include a where statement testing that 'this person' is not part of 'person list'.

Answer: D

QUESTION: 5

When creating a new Rule Project in Rule Studio, which folders are created by default to contain the different rule artifacts belonging to the project?

- A. ruleset, ruleapp, xom, bom
- B. rules, bom, queries, templates
- C. rule packages, xom, bom, queries
- D. ruleset, xom, b2x mapping, vocabulary

Answer: B

QUESTION: 6

During the testing phase the development team found that a rule is executed but should be filtered in a rule task depending on the value at execution time of one of the ruleset parameters.

Which approach, if any, can be used in Rule Studio to fix the issue?

- A. Use a ruleset extractor to filter the rule.
- B. Use runtime rule selection in the rule task to filter the rule.
- C. No approach is possible because if the rule task is executed then the rule is always executed.
- D. Modify the initial action of the rule task and specify the ruleset extractor to use for this rule task.

Answer: B

QUESTION: 7

The Rule Developer wants to create a Java Application with Rules launch configuration using the Run > Open Run Dialog command.

Which two actions should the Rule Developer first perform to execute rules in Rule Studio using such a configuration?

- A. Create a ilrmain method.
- B. Create a RuleApp Project.
- C. Create a Java project for rules.
- D. Set the ruleset variables for the execution.
- E. Set the ruleset parameters for the execution.

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Answer: C, E

QUESTION: 8

In a company the source for the rules (the master copy) is RTS. The Rule Developer needs to deploy the latest version of the rules to the RES and is using a RuleApp project in Rule Studio.

Which actions need to be performed?

- A. 1. Synchronize the rules by initiating the synchronization either from Rule Studio or RTS.
2. Once the rules are synchronized, deploy the rules from Rule Studio to the RES.
- B. 1. Synchronize the rules by logging into RTS through the Synchronization tab.
2. Specify the network name of the machine where the Rule Studio is running to initiate the synchronization.
3. Go back to Rule Studio and deploy the rules using the RuleApp project.
- C. 1. Synchronize the rules in Rule Studio by switching to the Team Synchronizing view.
2. Once the synchronization is completed and all conflicts have been resolved, deploy the RuleApp to the RES.
- D. 1. The synchronization between the different authoring environments is automatic.
2. Use the RuleApp project to deploy to the RES.

Answer: C

QUESTION: 9

The claim processing application is using web service to support the coverage verification decision point. The BPM product sends XML document to this service. The implementation of this service is using the Rules XML binding. The Rule Developer is using the XML binding capability to build a BOM from the given schema. The complex type defining the claim includes an element called dateOfService of type xsd: date Time. Once the BOM was created using the dynamic binding approach how will this attribute be mapped in the BOM class?

- A. public java.util.Date dateOfService;
- B. public ilog.rules.xml.types.IlrCalendarDate;
- C. public javax.xml.datatype.XMLGregorianCalendar;
- D. public ilog.rules.xml.types.IlrDateTime dateOfService;

Answer: D

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QUESTION: 10

A Rule Developer wants to test, in Rule Studio, the valid rules included within a rule project. For the Rule Developer, a valid rule means the rule is in defined, deployable status.

Which actions should be performed?

- A. Extract RuleApp and create a Java Project for Rules and a Java Application with Rules configuration.
- B. Run a Java Project for Rules as a Java Application with Rules by specifying the rule project to include and set the rule source path.
- C. Develop a query to get the rules with expected status and configure a rule extractor, create a Java Project for Rules and a Java Application with Rules configuration.
- D. Develop a query to get the business rules with expected status and create a Java Project for Rules and a Java Application with Rules by specifying the rule project to include.

Answer: C