

PROGRESS[®] SAVVION[™] BUSINESS RULES MANAGEMENT SYSTEM

OVERVIEW

Managing business decisions is one of the key requirements to develop efficient business process solutions. Decisions are an intrinsic part of your business so the rules behind those decisions must also be an integral part of your business processes. When you design business processes, most often you need to model decisions into them. These decisions could be simple routing decisions or could be more complex business decisions like “Does this order need an approval?” or “Is this customer a high value customer?” or “Is the customer eligible for special discounts?” As these decisions get more complex, rule-execution needs to be done outside your process model and the resulting decision brought back to the process to take it to the next work activity. Externalizing the rules behind complex decisions makes your process diagrams more comprehensible and maintainable, and allows reuse of decisions and rules in multiple applications for rapid solution development and improved business agility.

HIGHLIGHTS

The Progress[®] Savvion[™] Business Rules Management System (BRMS) provides a rich development environment for application developers and technology-savvy business users to define and create their rule projects.

The Progress® Savvion™ Business Rules Management System (BRMS) provides a rich development environment for application developers and technology-savvy business users to define and create their rule projects. With the Savvion BRMS Studio, you can use a model-driven approach to create rules that can be configured and deployed independent of your process application and can also be used across applications. Savvion BRMS is a highly scalable rules management system suited for enterprise-class, rules-based applications.

RULES DESIGNER

Savvion BRMS comes with an integrated development environment (IDE) in Eclipse to define rules and manage them independently or along with processes. You can use the IDE to develop, debug and deploy the rules. You can define the rules in the form of decision tables with inference rule execution support.

RULES WIZARDS FRAMEWORK

Central to the efficacy of the Progress® Savvion™ BPM Studio, the Rules Wizards Framework allows users to implement simple or complex rules that can be used in a current process, a specific work step, or combined to create new rule sets. Grouped by categories, the Wizard Framework provides rule templates covering most common functional requirements of work steps and business applications.

Rules categories exist for:

- > Notification
- > Metrics
- > Task management and routing
- > Integration
- > Alerts

RULES EXECUTION AND ADMINISTRATION

The BRMS portal provides comprehensive administration and management capabilities including dynamic rule changes. The portal facilitates access to rule projects and rules for online viewing and parameter modifications so that business users can change the rules at runtime as the business requires. Administrators can also use client and server APIs to manage the rules.

Savvion BRMS supports both stateless and stateful execution modes.

DECISION TABLES

Savvion BRMS not only supports inference-based decisions with rules but also has easy-to-use, decision-table-based rule evaluations. With the decision table approach, business users can create well-defined decision conditions in an Excel spreadsheet and enable decision making by registering the decision tables with the BRMS. Decision tables facilitate a simple interface for expressing rules as well as making runtime changes without complex rule dependency analysis.

RULES ENGINE

Savvion BRMS offers a highly scalable server similar to a process engine with complete Web service and stateless session bean APIs. All process engine APIs can be invoked from rule actions to create rules-based business applications.

KEY BENEFITS

Supports rule-driven task assignment and routing based on skill set and business context

Allows creating rules for activity executing business rules with business objects

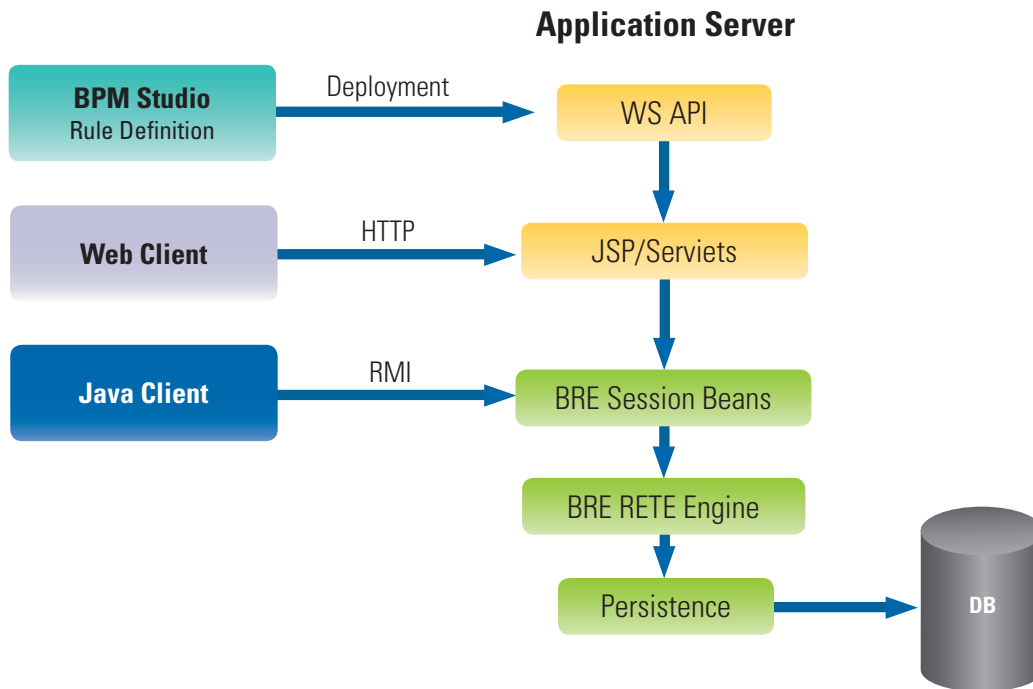
Supports processes executing a decision step based on rule policies

Allows for presentation flows with rule-driven interfaces for dynamic user interfaces

Augments business process management in building business process solutions

Supports seamless integration with Progress® Savvion BusinessManager™ and can leverage the information model used by the business process application

Provides clustering and failover support for scalability and high availability



RULES REPOSITORY

Complete database persistency for rules and projects with versioning is supported. The rules created once can be used in multiple business applications.

PROCESS INTEGRATION

Rules can be invoked from both presentation and business processes.. Rules can be added as an intelligent step in the process with BRMS as a performer. Savvion BRMS enables using business objects for data exchange and seamless integration with process data.

PROGRESS SOFTWARE

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