

DATASHEET

JBoss® ENTERPRISE BRMS

Integrated business process, business event, and business decision management

BENEFITS

Automate policies and procedures for rapid and consistent business action.

Automate detection and response to business events.

Directly express policies and procedures in terms that both business experts and IT professionals can readily understand.

Make rapid changes to policies and procedures.

Empower business experts to manage change directly.

FEATURES

Integrated rules, CEP, and BPM

Rich, standards-based API libraries for easy integration into a wide variety of IT environments

Choice of web and IDE-based authoring tools

Pluggable repository with comprehensive access controls and life cycle management

Embeddable, high performance business rules engine, with support for CEP

AUTOMATE AND MANAGE BUSINESS PROCESSES AND POLICIES

JBoss® Enterprise BRMS is a comprehensive business process automation platform that combines business rules management, business process management (BPM), and complex event processing (CEP) into a single open source distribution. These core functions enable business experts and application developers in organizations of any size to model, automate, measure, and improve their critical business processes and policies.

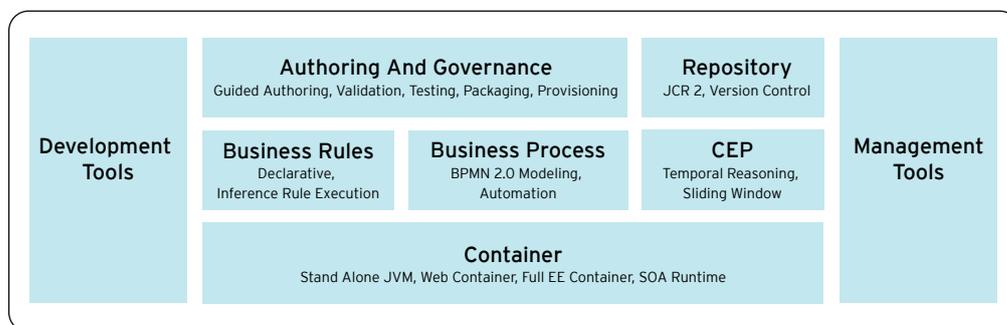
With JBoss Enterprise BRMS, organizations can incorporate sophisticated process and decision logic into line-of-business applications, confident that they can keep abreast of the rapid pace of change in market conditions and regulations. JBoss Enterprise BRMS enables business process and decision logic to be separated from program code and defined in simple, declarative, business-friendly terms, making it far easier and more efficient to implement, manage, audit, and change.

With a choice of modeling tools, including a web-based authoring environment for business experts and an Eclipse plug-in for developers, project stakeholders can collaborate effectively to build sophisticated business automation solutions. JBoss Enterprise BRMS is an integrated platform for process and decision management. Processes and policies can be modeled and automated together, without the need to learn multiple tools or develop custom integrations between disparate runtime environments.

PRODUCT OVERVIEW

JBoss Enterprise BRMS includes powerful, efficient rules and process engines, easy-to-use authoring tools, management services, and a repository.

JBoss® ENTERPRISE BRMS



FEATURES

Embeddable, lightweight business process engine, with native BPMN 2.0 execution

Scalable across the enterprise and cloud-ready

Budget-friendly open source subscription, with enterprise-class support

PROOF POINTS

“By using a number of the components of JBoss Enterprise Middleware (BRMS and Data Services) for authoring, organizing, prioritizing, and simulating rules between the transactional systems and operational and historical data sources, ANSES was able to empower its business users and institutionalize organizational knowledge to ensure consistent enforcement of laws and rules.”

ANSES (Administración Nacional de la Seguridad Social), Argentina’s Social Security Administration

Business rules engine: The fast and highly tuned rules engine implements the full Rete-OO algorithm, with both forward and backward-chaining, as well as support for dynamic addition and removal of rules. Unique to the JBoss implementation are temporal rules that deliver CEP capabilities, enabling detection and awareness of real-time business events. With a combination of traditional and event-driven rules, the rules engine can support a range of applications that deliver truly active decision management to the enterprise.

Business process engine: The embeddable, lightweight process engine is based on the jBPM 5 JBoss Community project and supports native BPMN 2.0 execution. A task service based on the WS-HumanTask specification is provided, for tasks that need to be performed by human actors. Process management is tightly integrated with business rules and event processing.

Authoring tools: JBoss Enterprise BRMS includes authoring tools that embrace both business experts and application developers. For business experts, the Web 2.0-based authoring interface provides a powerful suite of easy-to-use features, including decision tables, domain-specific rule languages, drag and drop process flow diagramming, and guided rule editing for fast, easy rule and process development. Rules can also be authored offline with tools such as Microsoft Excel and OpenOffice Calc. For developers, the JBoss Enterprise BRMS workbench IDE supports the Drools Rule Language (DRL) and BPMN 2.0 process modeling. The IDE enables developers to easily integrate rule-based applications with Java code and external information systems.

Management tools: JBoss Enterprise BRMS includes management facilities for business users to inspect running processes and generate business reports. Comprehensive audit logs are maintained for traceability and compliance requirements. JBoss Enterprise BRMS also offers IT users a plugin for support within the JBoss Operations Network. JBoss Operations Network is a single, integrated management platform that delivers centralized system management for the complete JBoss Enterprise Middleware portfolio of products.

Repository: JBoss Enterprise BRMS includes a JCR-compliant repository for rule definitions and process models. The repository supports comprehensive and user-definable metadata for categorization of stored assets, along with fine-grained user access controls, and version control for rules and process models. It is accessible through the web and IDE tools, and from other applications via WebDAV and REST APIs.

SUPPORTED PLATFORMS

Find a list of platforms on which JBoss Enterprise BRMS will run on our website product page at redhat.com/brms.

SALES AND INQUIRIES

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