ILOG JRules

Business rule management without compromise

For business and IT users

ILOG JRules is the only business rule management system (BRMS) that allows both business and IT users to easily and successfully manage the rules that drive business – without compromising on power. You no longer have to compromise on ease of use or business control over policy changes to get scalability, predictability and reliability.

Fast, cost-effective rule management

ILOG JRules delivers the fastest time to business value and lowest total cost of ownership through four key capabilities:

- Full empowerment for business teams
- Full productivity for IT teams
- Synchronized full life-cycle business rule management
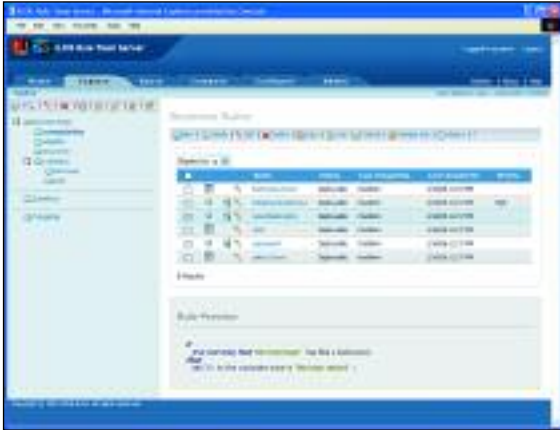- Performance engineering for unequalled performance and scalability

Stay competitive

Companies that truly want to compete have to deliver quickly and accurately, and increasingly depend on BRMS solutions to get the job done. Used in mission-critical enterprise systems in virtually every major industry today, ILOG JRules is the proven BRMS market leader for keeping companies competitive.

- **Greater business agility**

- **Proven decision making**

- **Increased revenue opportunities**

- **Greater customer satisfaction**

- **Improved regulatory compliance**

ILOG

Changing the rules of business™

Total support for business teams

ILOG Rule Team Server

ILOG's business rule management environment for business teams is designed to enhance productivity and bring unsurpassed levels of usability and sophistication to business users. Distributed business teams can collaborate through a powerful Web-based environment to create, manage, validate and deploy business rules. Its easy-to-use interface and rule-editing functionality enable new business policy managers to learn business rule management quickly.

Empowers business teams to . . .

- Learn business rule management quickly
- Manage rules safely, confidently and directly
- Satisfy regulatory and business imperatives for security, traceability and auditability

Best environment for business teams

Ease of Use	Control	Confidence
Simplicity – Work in your own familiar Web-based environment when you want to, separately but in sync with IT – Write rules in a rule language aligned with your natural business language **Assistance** – Get built-in assistance for rule creation: templates, point-and-click editor, error checking – Simplify complex rule projects through smart views, filters, and easy search and reporting	**Scalability** – Manage collaboration with role-based permissions and rule metadata – Work on shared projects without conflict or delay **Predictability, measurability and consistency** – Create repeatable processes for product introduction	**Traceability and auditability** – Trace and audit implemented rules – Generate execution reports for decision history – See complete history of all rule changes and deployments – Roll back to past configurations **Quality** – Improve rule quality through analysis-driven rule-set verification – Query the contents of rule sets to quickly support rule analysis **Business testing and simulation** – Create test scenarios to check the accuracy of policy changes before deployment – Predict impact of changes by testing rules against simulated business conditions

Complete rule life-cycle management

ILOG's complete BRMS – ILOG JRules effectively and efficiently delivers full life-cycle management for business rules. Managing business rules throughout the rule life cycle requires more than just authoring rules, performing rule analysis, and then deploying them for a specific business area. More important are the time and cost savings that come from managing changes after rules have been implemented. ILOG JRules provides critical functionality for simulating and analyzing the impact of rule changes on business.

Total support for IT teams

Designed for products that build on the Eclipse integrated development environment (IDE), ILOG's business rule application environment provides a single platform for modeling, coding, debugging and deploying rule applications. Developers and architects benefit from a short learning curve and best-in-class power and efficiency for rule application development in the Eclipse IDE. They can easily apply their corporate development standards, best practices and processes in making rule applications.

Fully equips IT teams to . . .
- Apply corporate development practices and processes
- Master business rule management quickly
- Integrate BRMS naturally and natively

"eBay is committed to providing a world-class technology platform that ensures a stable, reliable marketplace for its users. Selecting ILOG JRules was part of our ongoing effort to enhance the user experience of the eBay site."

– James Barrese
Director of Systems
Development
eBay

Best environment for IT teams

Ease of use	Control	Confidence
Development environment – Work in a familiar, Eclipse-integrated environment – Increase team productivity through joint development of Java™ code for rule applications – Write rules easily and quickly through automatic correction and IntelliRule technology without the heavy cost of natural text modeling – Detect rule conflicts and redundancies with Rule Static Analysis	**Development practices and methodology** – Maintain application integrity while giving control to business users through permission-based rule access – Develop iteratively through testing, co-debugging and refactoring – Manage code and rules from a single interface and repository – Work on several release cycles simultaneously, maintaining the release in production while preparing the next one – Support Transparent Decision Services for service-oriented architecture (SOA) deployment and management	**Operations** – Control your production environment with Managed Execution – Monitor and report on rules through Managed Execution

With ILOG JRules, business and IT users can . . .
- Share and reuse rules across people and projects
- Work on several releases simultaneously
- Control rule management life cycles

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ILOG JRules delivers uncompromising performance through a set of innovative modules for creating, managing and deploying business rules:

- **ILOG JRules Rule Team Server –** A highly scalable rule management server and repository with a collaborative Web environment for authoring, managing, validating and deploying business rules, Rule Team Server provides enterprise-class content management for rules.

- **ILOG JRules Rule Studio –** An integrated development environment (IDE) for rule applications, Rule Studio works directly with Eclipse IDE products, including Eclipse IDE, IBM Rational Application Developer and IBM Rational Software Architect. Rule Studio supports rule-set debugging and deployment to ILOG JRules Rule Execution Server, and enables collaboration among business rule authors through Rule Team Server.

- **ILOG JRules Rule Scenario Manager –** Delivering powerful rule-set testing and business simulation capabilities, Rule Scenario Manager provides an integrated environment for verifying the correctness of rules and simulating changes in business policies. Customizable, it can be tailored to enterprise data stores, deployment processes and reporting requirements.

- **ILOG JRules Rule Execution Server –** A robust J2SE- and J2EE-compliant execution environment, Rule Execution Server is used to deploy business rule SOA services to the leading Web and application servers from IBM, BEA, JBoss, Oracle and Apache. Rule Execution Server includes a Web administration console and components for synchronous, asynchronous and Web service-based invocation of business rules. Rule Execution Server is fully integrated with Rule Studio and Rule Team Server to support business rule deployment for both developers and policy managers.

"With ILOG JRules, we have a solution that scales as our business requirements change, while supporting CitiStreet's need to exchange and manage employee information in real time."
– Andy Marsh
Senior Vice President of
Client Project Management
CitiStreet

Learn more
For more information on ILOG JRules, contact an ILOG Sales Representative near you or visit http://jrules.ilog.com.

■ ABOUT ILOG

ILOG delivers software and services that empower customers to make better decisions faster and manage change and complexity. Over 2,500 global corporations and more than 465 leading software vendors rely on ILOG's market-leading business rule management system (BRMS), optimization and visualization software components, to achieve dramatic returns on investment, create market-defining products and services, and sharpen their competitive edge. The BRMS market share leader, ILOG was founded in 1987 and employs more than 700 people worldwide.

Changing the rules of business™