



## FOR IMMEDIATE RELEASE

### Media Contact:

Chantal Yang  
JBoss, a division of Red Hat  
617-308-3346  
[chantal.yang@jboss.com](mailto:chantal.yang@jboss.com)

# JBoss Expands Open Source SOA Platform with Enterprise Service Bus

*Complete JBoss SOA offerings integrated with Red Hat Enterprise Linux to drive down IT infrastructure costs*

**JBoss WORLD, BERLIN (Nov. 20, 2006)**—JBoss, a division of Red Hat (NASDAQ: RHAT), today introduced JBoss ESB, which rounds out the JBoss Enterprise Middleware Suite (JEMS) as the defining open source platform for service-oriented architecture (SOA). With the addition of JBoss ESB to Red Hat's arsenal, enterprises now have a complete set of leading, low cost SOA building blocks for modern applications and the ability to run them on a virtualized Linux platform. As the global leader in open source software, Red Hat is driving costs out of the IT infrastructure by offering a tested and certified open source platform that delivers value, yet is comprised of modular pieces that ensure customer choice and flexibility.

An ESB intermediates interactions between enterprise applications, business services, business components, and middleware to integrate and automate business processes. Built on mature JEMS technology and the Rosetta ESB—a field-proven ESB donated by a longstanding customer in the insurance sector—JBoss ESB comes with a three-year track record in handling complex integration and real-time events in a mission-critical business environment with 3,000 employees across 40 locations serving two million customers.

“JBoss ESB is the result of a true community effort, from the technology donation that helped accelerate our development timeline to the individual developers who brought their expertise to the project,” said Pierre Fricke, director of product management, JBoss. “This release provides a fundamental building block for our SOA integration platform. As an integrated company, Red Hat and JBoss are focused on delivering the leading open source platform for next-generation computing that drives down infrastructure costs for our customers without compromising on value and choice.”

JBoss ESB leverages other JEMS technologies, such as the JBoss Rules business rules engine for content-based routing and JBossMQ for messaging. Over time, JBoss plans to extend JBoss ESB with additional JEMS products such as the JBoss jBPM business process management and workflow engine, to create a complete business process automation platform. As part of its effort to enable customers and accelerate their path to SOA, JBoss will be looking to partners to extend the ESB with connectors, B2B gateways, SOA governance, and business services. Enterprises can start building on JBoss ESB today, with the assurance of standards-based portability.

“By offering a pluggable platform, Red Hat is making it easier for enterprises to move to flexible, open SOA-based systems with best-of-breed technologies,” said Ed Horst, vice president of marketing, AmberPoint. “We support JBoss products and will continue to extend our support for the Red Hat Open Source Architecture platform to benefit customers looking for a proven solution for SOA management and governance.”

“Our partnership with JBoss and deepening integration with JEMS help SeeWhy deliver the strongest real-time business intelligence solution for SOA environments,” said Charles Nicholls, CEO of SeeWhy Software. “To fully realize the potential of SOA, customers need intelligent processes, as well as the capability to instantly act upon information related to those processes. Close integration with products such as JBoss ESB gives the SeeWhy platform this ability and offers Red Hat customers a BI solution that will enhance their SOA initiatives.”

“With their strong track record in Linux and open-source middleware, Red Hat and JBoss are well positioned to accelerate SOA implementations across the entire market. Vyante sees this as a great opportunity and is working to ensure a strong partnership by optimizing our EnvoySOA product for JEMS and JBoss ESB,” said Aaron Kopel, CEO, Vyante.

Key features of JBoss ESB 4.0 include:

- **A pluggable architecture** enables all JBoss ESB subsystems such as messaging and transformation to be swapped with other alternatives, which gives customers flexibility and choice.
- **Support for a variety of messaging services**, including secure FTP, HTTP, email and JMS (JBossMQ, JBoss Messaging, IBM MQSeries, and ActiveMQ).
- **Transformation engine** that bridges data formats for seamless communication, supporting XSLT and Smooks, a flexible alternative.
- **Service registry** for service discovery and integration, using JAX-R and UDDI.
- **Persisted event repository** to support governance of the ESB environment.
- **Notification service** to allow the ESB to register events and signal subscribers.
- **Content-based routing** based on XPath and JBoss Rules for a more flexible and dynamic alternative to publish-subscribe.
- **Gateways** that allow non-ESB aware clients to interact with services deployed within the JBoss ESB environment.

A release candidate of JBoss ESB 4.0 is now available at <http://jboss.com/products/esb>. General availability of the community release is targeted for December 2006, with planned Red Hat subscription support in 2007. JBoss ESB is licensed under the GNU Lesser General Public License (LGPL) and runs on all platforms, including Linux, Solaris, and Windows.

#### **About Red Hat, Inc.**

Red Hat, the world's leading open source solutions provider, is headquartered in Raleigh, NC with satellite offices spanning the globe. CIOs and other senior-level IT executives have ranked Red Hat as the industry's most valued vendor for two consecutive years in the *CIO Insight Magazine* Vendor Value study. Red Hat is leading Linux and open source solutions into the mainstream by making high-quality, low-cost technology accessible. Red Hat provides an operating system platform, Red Hat Enterprise Linux, along with applications, management, and middleware solutions, including JBoss Enterprise Middleware Suite. Red Hat is accelerating the shift to service-oriented architectures and enabling the next generation of web-enabled applications running on a low-cost, secure open source platform. Red Hat also offers support, training and consulting services to its customers worldwide and through top-tier partnerships.

Red Hat's open source strategy offers customers a long term plan for building infrastructures that are based on and leverage open source technologies with a focus on security and ease of management. Learn more: <http://www.redhat.com>.

#### Forward-Looking Statements

Certain statements contained in this press release may constitute "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements provide current expectations of future events based on certain assumptions and include any statement that does not directly relate to any historical or current fact. Actual results may differ materially from those indicated by such forward-looking statements as a result of various important factors, including: risks related to the integration of acquisitions; the ability of the Company to effectively compete; the inability to adequately protect Company intellectual property and the potential for infringement or breach of license claims of or relating to third party intellectual property; risks related to data and information security vulnerabilities; ineffective management of, and control over, the Company's growth and international operations; adverse results in litigation; the dependence on key personnel as well as other factors contained in our most recent Quarterly Report on Form 10-Q (copies of which may be accessed through the Securities and Exchange Commission's website at <http://www.sec.gov>), including those found therein under the captions "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations". In addition, the forward-looking statements included in this press release represent the Company's views as of the date of this press release and these views could change. However, while the Company may elect to update these forward-looking statements at some point in the future, the Company specifically disclaims any obligation to do so. These forward-looking statements should not be relied upon as representing the Company's views as of any date subsequent to the date of the press release.

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