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JBoss Accelerates Open Source Middleware to High-End Market with New Projects

JBoss Messaging and JBoss Web Continue to Drive Technical Innovation for the JEMS Open Source Platform for SOA

ATLANTA, March 28, 2006—JBoss, Inc., the Professional Open Source company, today introduced two open source projects designed to further strengthen the JBoss[®] Enterprise Middleware Suite (JEMS[™]) as the leading open source platform for service-oriented architecture (SOA): JBoss Messaging and JBoss Web Server (JBoss Web). These new technologies move JBoss further into the high-end market, which has long been presided over by expensive, proprietary application platforms.

Today, JEMS is already deployed in hundreds of intensive, high-end transactional environments, including financial hubs, trading exchanges and some of the world's busiest e-commerce companies. The advance of these high-performance technologies will accelerate JEMS further into the top end of the market. JBoss Messaging provides an open source and standards-based messaging platform that brings enterprise-class messaging to the mass market. JBoss Web brings high-performance Web server capabilities to users of Apache Tomcat and JBoss Application Server.

“JBoss is focused on solving real-world customer needs and delivering technologies optimized for the complex IT environments common to large enterprises,” said Shaun Connolly, vice president of product management, JBoss, Inc. “JBoss Messaging and JBoss Web signify another important milestone in JBoss’ technology vision. These projects expand and enhance the JEMS stack for our high-end customers while maintaining the simplicity and modularity that have established JEMS as the leading open source platform for SOA.”

JBoss Messaging 1.0

JBoss Messaging 1.0 implements a high-performance, robust messaging core designed to support the largest and most heavily utilized SOAs, enterprise service buses (ESB) and other integration needs ranging from the simplest to the highest demand networks. Key features of JBoss Messaging include:

- Java Message Service (JMS) 1.1 and 1.0.2b standards compatibility. For users of JBossMQ, the JMS technology embedded within JBoss Application Server, JBoss Messaging supports JMS applications currently running on JBossMQ without any changes.
- JMS Façade, the JMS personality of JBoss Messaging, enabling a JMS client to connect to a JBoss Messaging server, send and receive messages, and interact with queues, topics and other key elements of a messaging platform.
- JBoss Messaging Core, a transactional and reliable distributed messaging foundation, supports transactional ACID semantics, generalized message protocols (not just JMS) and other messaging protocol facades.
- Standalone serverless operation as well as easy integration with JBoss Application Server.

JBoss Messaging is currently available as a standalone product and will be the default JMS technology in JBoss Application Server 5.0, as well as the foundation for JBoss ESB 1.0—both targeted for release later in 2006. For additional product and download information about JBoss Messaging, visit <http://www.jboss.com/products/messaging>.

JBoss Web Server 1.0 Community Release

JBoss Web provides enterprises with a single, high-performance deployment platform for Java Server Pages (JSP) and Java Servlet technologies, Microsoft ASP.NET, PHP and CGI. It uses an innovative, high-performance hybrid design that incorporates the best open source technologies for processing high-volume data with market-leading support for important Java Enterprise Edition (EE) specifications. This hybrid technology model makes JBoss Web one of the fastest and most scalable Web servers on the market.

JBoss Web is built on Apache Tomcat—the de facto standard JSP/Servlet container—and incorporates the Apache Portable Runtime (APR) and a Tomcat native layer to achieve dramatic scalability improvements, including the ability to handle over 10,000 concurrent connections. Since JBoss Web is built on the APR, it is able to achieve performance characteristics that meet and exceed the Apache HTTP Server. Additional JBoss Web Server features include:

- Support for the HTTP, HTTPS and AJP (Apache JServ Protocol) protocols;
- OpenSSL for Secure Sockets Layer (SSL) support;
- On-the-fly URL rewriting with a flexible URL manipulation engine that supports an unlimited number of rules and rule conditions;
- Support for both in- and out-of-process execution of CGI and PHP scripts, as well as ASP.NET applications; and

- An advanced application load balancer that offers both high-availability and application segmentation for remote subsystems being executed out-of-process.

JBoss Web 1.0 is currently in a community release, with a final production release targeted for June 2006. For more information about JBoss Web, go to <http://www.jboss.com/products/jbossweb>.

Subscription Support

Licensed under the Lesser GNU Public License (LGPL), JBoss Messaging and JBoss Web are free to download and use. JBoss Messaging is available with Silver Level subscription support and will escalate to Gold and Platinum Levels later this year. JBoss Web will be supported through the JBoss Subscription following its final release. For more information about JBoss Subscriptions, visit <http://www.jboss.com/services/profsupport>.

About JBoss, Inc.

JBoss, Inc., the global leader in open source middleware, offers simply the better way to transform businesses through a service-oriented architecture (SOA). As the market's leading open source platform for SOA, JEMS (JBoss Enterprise Middleware Suite) delivers proven performance in mission-critical environments and is backed by world-class support and service—all at a dramatically lower cost structure than proprietary systems. Fortune 500 companies such as Continental Airlines, MCI and Starwood Hotels & Resorts rely on Professional Open Source from JBoss, Inc. Certified partners offering JEMS and JBoss Subscriptions include Dell, HP, NEC, Novell, Sun Microsystems and Unisys. For more information, visit www.jboss.com.

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