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JBoss, Inc. Announces New Project Releases Aimed at Simplifying Java Development

Professional Open Source Leader Continues to Drive Complexity out of J2EE

ATLANTA, Ga.—April 12, 2004—JBoss®, Inc., the Professional Open Source company, today announced an update of recent releases of its open source projects. These latest releases from March are aimed at simplifying Java 2 Platform, Enterprise Edition (J2EE™) and continue to build on the JBoss Enterprise Middleware System (JEMS) as a comprehensive open source architecture that gives end users greater flexibility and technology choice.

“Through the Professional Open Source methodology, JBoss continues to execute on its roadmap to grow JBoss open source middleware into a comprehensive software infrastructure suite,” said Shaun Connolly, vice president of product management. “JBoss is fully committed to bringing the power of J2EE to all programmers. By dramatically simplifying J2EE development, many more developers can quickly and easily take advantage of the increasing range of services within the JBoss Enterprise Middleware System.”

Releases and updates for JBoss projects in March 2005 include:

- **Hibernate 3.0** – This landmark release of the market-leading Hibernate object/relational mapping (ORM) technology was unveiled at JBoss World and features rich new functionality to support enterprise-level persistence. These new features include support for temporal, or historical, data; support for hand-generated SQL; reporting and monitoring capabilities using any JMX compatible console; support for the latest Enterprise Java Beans 3.0 (EJB3) draft specification; and a new Hibernate toolset based on the JBoss Eclipse IDE. A list of what’s new in Hibernate 3.0 is available at <http://www.hibernate.org/200.html#A3>, and the download is available at <http://www.hibernate.org/30.html>.
- **EJB 3.0 Preview 4:** EJB 3.0 represents a major improvement and simplification of the J2EE platform and JBoss has been an active leader in the development of the specification. The goal of EJB 3.0 is to simplify the development of Java applications and standardize the persistence API for the Java platform. JBoss has implemented most of the major features of the EJB 3.0 Early Draft 2 specification, and with a final release expected later in 2005, developers are encouraged to download and use the EJB 3.0 Preview today. More

information for the EJB 3.0 Preview release is available at <http://www.jboss.com/products/ejb3>.

- **JBoss Eclipse IDE 1.5 Alpha:** JBoss Eclipse IDE extends Eclipse with a series of plug-ins that enable programmers to develop, deploy, test and debug their JEMS-based applications within the Eclipse IDE. With a final release expected later in 2005, this JBoss Eclipse IDE Alpha release provides new features that simplify AOP, EJB3, Hibernate and JBoss jBPM application development. More information for this JBoss Eclipse IDE community release is available at <http://www.jboss.com/products/jbosside>.
- **JBoss jBPM 3.0 Alpha:** JBoss jBPM combines easy development of workflow applications with a flexible and scalable process engine that enables coordination between applications and services. With a final release expected later in 2005, this JBoss jBPM Alpha release provides new features that simplify process-oriented application development, including a new graphical process designer. The Alpha release can be downloaded from http://sourceforge.net/project/showfiles.php?group_id=70542 and documentation is available at <http://jbpm.org/3/> and <http://jbpm.org/gpd/>.
- **JBoss Portal 2.0 Beta:** JBoss Portal 2.0 will offer an integrated framework for building, deploying and maintaining flexible and scalable enterprise portals. With a final release expected later in 2005, this JBoss Portal Beta release provides an initial portal framework, content management system, forum portlet, user, role and permission administration, and single-sign on support. More information for this JBoss Portal community release is available at <http://www.jboss.com/products/jbossportal>.

Support & Services

JBoss stands behind JEMS with quality support services delivered from the source—the technical experts who know the code base best. JBoss services include the training, consulting and professional support needed at every step of the application lifecycle, whether it be designing enterprise applications, testing proof of concept, deploying mission-critical applications or rolling out JBoss open source middleware across an entire organization. Support is available directly from JBoss or through the company's extensive network of authorized service partners. For more information, go to <http://www.jboss.com/services/index>.

About JBoss, Inc.

Through its Professional Open Source model, JBoss, Inc. is making open source a safe choice for the enterprise. JBoss provides resources, technology direction and core development for innovative open source projects and stands behind them with enterprise-grade support and services. These projects include JBoss Application Server, Hibernate, JBoss jBPM, JBoss Eclipse IDE and Apache Tomcat, which are core components of the JBoss Enterprise Middleware System (JEMS). Companies like Corporate Express, La Quinta Inns and Nielsen Media Research rely on JEMS for mission-critical enterprise applications. Partners who embed or bundle JEMS and resell JBoss services include Computer Associates, HP, Novell and Unisys. JBoss has headquarters in Atlanta, Ga. and Neuchâtel, Switzerland. For additional information, please visit www.jboss.com.

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