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Java Message Service Will Take Center Stage in Enterprise Technology, Says O'Reilly Author

Sebastopol, CA—"Current trends in the industry are causing all businesses to look at new strategies for doing B2B communications over the Internet. Java Message Service provides a strong platform for doing guaranteed communications across large communities," says Dave Chappell, coauthor of the just-released book *Java Message Service* (O'Reilly, US \$34.95).

"Without a doubt, JMS will take center stage as the most important enterprise technology this coming year. It's absolutely vital to modern application development and is a really big part of EJB 2.0. There is a tsunami of practical interest that is rising around JMS and its use in B2B and EAI, as well as every day enterprise applications—it's going to be big," adds Richard Monson-Haefel, the book's other coauthor and writer of the award-winning O'Reilly book *Enterprise JavaBeans*.

Java Message Service is a thorough introduction to JMS, the standard Java application program interface (API) from Sun Microsystems that supports the formal communication known as "messaging" between computers in a network. JMS provides a common interface to standard messaging protocols and to special messaging services in support of Java programs. The messages exchange crucial data between computers, rather than between users—information such as event notification and service requests. Messaging is often used to coordinate programs in dissimilar systems or written in different programming languages.

Any developer or system architect who has a need to connect applications together, either within the four walls of their corporation, or across geographically dispersed locations will benefit greatly from the information in *Java Message Service*. The book shows how to build applications using the point-to-point and publish-and-subscribe models; how to use features like transactions and durable subscriptions to make an application reliable; and how to use messaging within Enterprise JavaBeans. It also introduces a new EJB type, the MessageDrivenBean, that is part of EJB 2.0, and discusses integration of messaging into J2EE.

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To that, David Chappelle adds: "JMS is an ideal transport mechanism for passing XML data between business applications in today's B2B environment. XML provides a way of describing business transactions, and JMS provides a way of guaranteeing delivery of XML documents throughout large communities of trading partners. Through its rich semantics including once-and-only-once guaranteed delivery, asynchronous store-and-forward capabilities, and transactional capabilities, it is really the only viable choice for communicating between business applications over the Internet."

Chapter 2, *Developing a Simple Example*, is available free online at:
<http://www.oreilly.com/catalog/javmesser/chapter/ch02.html>

For more information about the book, including Table of Contents, index, author bio, and samples, see:
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Java Message Service

By Richard Monson-Haefel & David Chappell

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