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JMS Messaging Specification JORAM 4.1 Released

September 17, 2004

Summary

Open-source messaging specification JORAM 4.1 is available for immediate download from ObjectWeb Consortium. The messaging service incorporates 100% pure Java utilization of JMS (Sun's JAVA Message Service API), allowing for unlimited scalability and interoperability across distributed networks.



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The long-awaited v.4.1 update of JMS messaging specification JORAM is available. Reaction among developers has been very strong, with many open source community members predicting that JORAM is on its way to being adopted into enterprise systems the world over.

JORAM is already the leader in open source JMS implementation. However, major improvements have been made with version 4.1 thanks to new generation Message Oriented Middleware (MOM) from ScalAgent Distributed Technologies'

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distributed architecture. This kind of architecture lets applications that are spread out across networks to be connected en-mass through internet systems. In this manner high availability and flexibility is guaranteed, along with equitable load balancing.

With IT departments in enterprise environments increasing facing the double-edged sword of increasing processing and development speeds, with dwindling budgets, Message-Oriented Middleware is shaping up to be the only answer. The ScalAgent platform is an open source offering released under the LGPL license, one of the most flexible certified open-source licenses. What this means is free redistribution of JORAM in any product. No other messaging product has such levels of scalability and standard-based interoperability.

JORAM is available on a wide range of Java-based platforms, from J2EET to J2MET, allowing for distribution over numerous heterogeneous systems and internet devices. With version 4.1, both inbound (asynchronous) and outbound (synchronous) message flow communications is supported, along with



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distributed transactions, connection pooling, and BLOB/CLOB.

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distributed and local transactions. Another major addition has been enabled through sponsorship by France Telecom. The French telecommunications company supported the development of the clustered queue feature in JORAM 4.1 that provides for load balancing. It is made up of several queues exchanging messages depending on their load. This feature will also be included in the High-Availability JORAM Server slated for released in the next version.

JORAM 4.1 can be used as a standalone application. Upcoming releases will be looking for adoption into enterprise systems. For proponents of open source standards, the release of JORAM 4.1 provides quantifiable reasons to believe that the JMS messaging specification will see integration into large systems. The application will allow for distributed B2B, e-business, managements systems, and countless applications, to come together within a MOM that costs nothing. Downloads are available at, <http://joram.objectweb.org/dev/corner.html>

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About the author

JDJ News Desk monitors the world of Java to present IT professionals with updates on technology advances, business trends, new products and standards in the Java and i-Technology space. ([more](#))

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Middleware for the Masses. Once upon a time, middleware meant the laborious process of building customized interfaces between applications.

([continued...](#))

Dralasoft: Dralasoft announced the release of Dralasoft Workflow 3.0, the newest version of its well-known Business Process Management (BPM) software. ([continued...](#))

GraphOn Corporation: GraphOn offers cost-effective application publishing and Web-enabling solutions that dramatically lower TCO by enabling access to Windows, UNIX and Linux applications from any location on any platform using ultra-thin-client technology. ([continued...](#))

Ensemble: InterSystems Corporation's Ensemble is a comprehensive integration platform that enables exceptionally fast integration and composite application development. ([continued...](#))

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PVCS products, the new Professional 8 suite focuses on the unique needs of the contemporary development team: managers, developers, build managers and QA/testing engineers working collaboratively. ([continued...](#))

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Parasoft: The Time Has Come for Automated Error Prevention. The software industry must mature. For too long we have pretended that software is different, that it is somehow more complex than other manufactured products. This belief is nothing more than an excuse for shoddy workmanship; bugs have no place in the software industry. ([continued...](#))

Quadbase: The Right Reporting Solution. The explosive growth of Web technologies, and the resultant glut of new information, has fundamentally changed the way in which data is presented and delivered. Companies that have rushed to embrace new technologies now find that users expect Web applications to be vehicles for high-value, up-to-the-minute business information as well. ([continued...](#))

SAP Developer Network: Last fall, SAP launched the SAP Developer

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Network (SDN), a collaborative online community of developers, implementers, and administrators who work with SAP NetWeaver and SAP xApps packaged composite applications. The response to the SDN has been overwhelmingly positive.

[\(continued...\)](#)

Wily Technology: Communicating the Benefits of Application Management to Senior Management. If you are reading this Solutions Guide, you are most likely someone directly involved in developing, designing, or managing online applications. So, for you, the needs for J2EE application management tools may fall into the "preaching to the choir" category.

[\(continued...\)](#)

Zero G: Reinvent the Wheel or Buy a Proven Solution. Since the Industrial Revolution made mass production a mass proposition, the recurring question of whether to buy or to build the technology of the day has remained almost identical. Is it better to buy pre-built technology, or develop it yourself from scratch? Even a casual observer can tell you that the debate is no closer to resolution today than it was a hundred years ago. [\(continued...\)](#)



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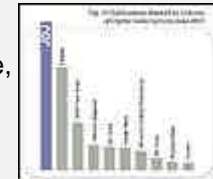
haven't really spoken the same

language, and their goals have often been at odds with each other. ISSJ serves security and storage professionals by delivering security subject matter in context with popular storage applications, and vice versa. ([continued...](#))

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SYS-CON Media announced that its flagship print magazine, JDJ, ranked number 1 in the world in digital circulation delivery.



JDJ's most recent six-month average circulation was 162,019 copies, of which 43% was requested by its subscribers to be delivered digitally. JDJ's monthly digital edition is an identical replica of its print edition, and SYS-CON's advertising partners enjoy an incredible bonus exposure they receive beyond its 60,000 rate base, which was never increased since its first issue. ([continued...](#))

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