

FOR IMMEDIATE RELEASE



JORAM Extends ObjectWeb's Offering to Lightweight J2ME Devices

The new version of JORAM, ObjectWeb's JMS-compliant message oriented middleware, provides novel messaging capabilities to lightweight J2ME devices

Frankfurt, Germany, October 28th, 2003. ObjectWeb, the worldwide consortium focused on open-source middleware, released a J2ME port of JORAM, its Java Messaging Service (JMS) compliant middleware. With this new release, ObjectWeb delivers the first complete open-source stack enabling lightweight Java 2 Micro-Edition (J2ME) devices to communicate with JMS messaging applications.

JORAM is architected around a pool of messaging micro-servers communicating with clients through various protocols, including asynchronous Web Services. It greatly benefits from a truly distributed agent-based architecture that proved fast, scalable and robust in production.

Didier Roy, Technical Director of FastTrack (a global alliance of nine leading music copyright societies), explains: "our specific context led us to discard integrated solutions, so to leave our members in control of their own business process. However, we needed a reliable product for a large scale distributed deployment with scalability constraints. JORAM meets all our requirements, which makes us confident in this choice".

As the leading open-source implementation of the JMS 1.1 specification, JORAM can be used as a standalone messaging service for large-scale Internet-based networked environments. Moreover, JORAM provides the core messaging infrastructure for JOnAS, ObjectWeb's J2EE application server.

Mobile messaging: JORAM for lightweight devices

The latest 3.6 release extends the JORAM platform to new business environments. J2ME applications, usually deployed on lightweight devices (e.g. personal digital assistants, smart phones, or any Java-based embedded systems) are now able to use JORAM messaging capabilities to interoperate with JMS-based applications over the Internet.

JORAM for lightweight clients has been optimized to cope with the limitations of the J2ME environment, notably the lack of serialization features. The communication channel between the client and the messaging servers uses Simple Object Access Protocol (SOAP) over HTTP. This also provides the tremendous benefit of opening the JORAM platform to heterogeneous lightweight clients, including non-Java devices.

"With these new features, JORAM is well armed to become a widely adopted connector between distributed software components, Java or not, running on large variety of devices, PCs, laptops, mobile phones, personal assistants, and more" explains André Freyssinet, JORAM team leader and member of the ObjectWeb College of Architects.

About ObjectWeb

Founded by Bull, France Telecom and INRIA, ObjectWeb is a worldwide consortium of leading enterprises and research organizations that have joined efforts to produce next generation open-source Middleware. ObjectWeb's goal is to bring to Real-Time Enterprise independence, quality, and robustness with the best performance/cost ratio that it requires. ObjectWeb targets alternative solutions to proprietary products addressing e-business, EAI, data connectivity, grid computing, and enterprise messaging. Based on Open Standards, ObjectWeb's middleware includes application servers, components, frameworks and tools. Examples of ObjectWeb's "cost killer" middleware are JOnAS - an open-source implementation of J2EE specification, JORAM JMS - a Message Oriented Middleware and Enhydra - Java/XML Application Server. ObjectWeb is hosted by INRIA.

Contacts

ObjectWeb: Christophe Ney <u>Tel:</u> +33 (0)4 76 61 54 87 contact@objectweb.org	
---	--

* Java, J2ME and all Java-based trademarks are trademarks or registered trademarks of Sun Microsystems, Inc. The ObjectWeb logo is a registered trademark of INRIA. All other names and trademarks are the property of their respective owners.