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Paremus and RTI to Deliver Next-Generation Enterprise Cloud Platform

A distributed OSGi-based Platform as a Service (PaaS) solution for low-latency, high-throughput enterprise applications

London, UK, 22nd February, 2010 – Paremus, the pioneer of OSGi^{TM}-based cloud computing, today announced a partnership with Real-Time Innovations (RTI), the Real-Time Middleware Experts. RTI is the industry leader in middleware compliant with the Data Distribution Service for Real-Time Systems (DDS) standard from the Object Management Group (OMG).

The Paremus Service Fabric will incorporate DDS to provide a low-latency messaging substrate for resource discovery, OSGi Alliance-compliant remote service discovery and low-latency monitoring. Initial integration work is already completed, and an RTI Data Distribution Service-powered version of the Paremus Service Fabric will be available in the second half of 2010.

Paremus Service Fabric customers and solutions providers will also have the option to leverage RTI's low-latency messaging for their own high-performance applications. "Taking the financial services industry as an example," said Mike Francis, Paremus Sales & Marketing Director, "customers can use the Service Fabric to address applications ranging from low-latency, front-office real-time pricing to high-throughput, elastic middle and back-office trade processing pipelines."

Stan Schneider, RTI's CEO, noted, "The application demands on cloud platforms are pushing performance and scalability in Enterprise environments to new limits. We are very pleased that Paremus has recognised the proven capability of our peer-to-peer messaging middleware to meet these new requirements. By further integrating our resource discovery technology into its OSGi platform, Paremus is able to deliver a far more flexible and dynamic PaaS environment."

The Paremus Service Fabric supports a wide variety of business processing patterns and enables organisations' software development teams to realise the component reuse and time-to-market efficiencies offered by OSGi. The model-driven runtime dramatically simplifies operational management while providing resilience and elasticity well beyond that of any Java EE application server, compute grid or ESB-centric solution, including the latest OSGi/SCA-enabled variants.

"Key to Paremus' technology leadership is our continued focus on technology fundamentals rather than fashions," said Richard Nicholson, Paremus Founder & CEO. "Our recently released Nimble 'Making Modularity Manageable' OSGi kernel is a simple and elegant solution that enables the power of OSGi to be harnessed by the modern enterprise. Likewise, the fundamentals of the OMG DDS standard and the quality of the RTI implementation made it the clear choice for the next generation of Service Fabric's low-latency, high-throughput messaging substrate." Nicholson concluded,

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"Robustness, manageability, scalability and agility are interlinked concerns, and these cannot be truly addressed without addressing the basics; technologies like Nimble and our partnership with RTI for DDS address these fundamentals and will continue to differentiate the Paremus Service Fabric—a distributed OSGi runtime like no other."

Parties interested in the beta program for the RTI Data Distribution Service-powered version of the Paremus Service Fabric can request information via an e-mail to info@paremus.com.

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About Paremus

Paremus is a market leader in delivering a next generation runtime, the Paremus Service Fabric, for service oriented applications to run across a Cloud Computing environment. The first in a new era of standards-based, adaptive, dynamic, model-driven application runtimes, the Service Fabric provides significant cost savings, enhanced agility, enhanced service availability, improved resource utilization, and increased environmental and operational efficiency. Nimble is the recently announced standalone OSGi server that is used for each node in a Service Fabric.

Identified by Gartner as a Visionary in the Enterprise Application Server marketplace, the Paremus Service Fabric leads the way in offering a distributed runtime that leverages the OSGi™ and Service Component Architecture standards that are now being adopted by the Java Application Server industry. Offering a unique approach to application provisioning, management and removal, while simultaneously making it easy to add scalability and resilience, the Paremus Service Fabric allows architects and developers to concentrate on delivering business requirements and application functionality, and the business to benefit from automatic resource optimization that dramatically reduces operating costs.

The Service Fabric can be used for a single application on a cluster of machines through to multiple applications across the entire data center, dynamically moving resources between applications and services according to real-time business demands, pre-defined SLA's and Cloud Computing resource availability.

About RTI

Real-Time Innovations (RTI) provides high-performance messaging and integration infrastructure for distributed real-time applications. RTI is the leader in the rapidly growing market for Data Distribution Service (DDS) compliant middleware. A broad range of industries leverage the company's software and design expertise, including defense, intelligence, simulation, industrial control, power generation, transportation, finance, medical, and communications. Founded in 1991, RTI is privately held and headquartered in Sunnyvale, CA.

RTI Data Distribution Service provides a messaging and integration infrastructure for demanding, mission-critical distributed applications. It combines deterministic performance, low latency, high throughput and fault tolerance into a fast, scalable architecture for real-time systems. By enabling loosely coupled integration, the solution significantly reduces long-term software maintenance costs. Individual subsystems may be modified, added or upgraded without impacting existing software. RTI Data Distribution Service complies with the Object Management Group (OMG) DDS, the leading standard for real-time application integration. RTI also natively supports the DDS Real-Time Publish-Subscribe (RTPS) wire protocol for peer-to-peer interoperability with other RTPS-compliant DDS implementations. RTI is the world's leading supplier of DDS-related software and services.

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Related links
Paremus – www.paremus.com
RTI – www.rti.com
The Paremus Service Fabric – http://www.paremus.com/products/products_psf.html
Nimble – http://www.paremus.com/products/products_nimble.html
The OSGi Alliance – www.osgi.org
OMG DDS - http://www.omgwiki.org/dds/

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