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For Immediate Release

TopQuadrant Offers First Semantic Application Development Suite to Support Oracle Database 11g RDF Rule Editing and Inferencing

Non-programmers Can Define Business Rules and Create Highly Efficient Reasoning within Enterprise-class Semantic Applications

SEMTECH 2008 – SAN JOSE, Calif., - May 19, 2008 - TopQuadrant™, a leading semantic technology products company, today announced that the company's TopBraid™ semantic development suite has been integrated with Oracle® Database 11g. This integration allows companies to build semantic applications that access the native Resource Description Framework (RDF) storage capabilities within Oracle Spatial, an option to Oracle Database 11g Enterprise Edition. TopQuadrant has also developed an Oracle rule editor that enables business users and domain experts to define the business rules and application reasoning within a semantic application, without the need to understand database languages such as SQL. TopQuadrant is a member of the Oracle PartnerNetwork.

World Wide Web Consortium (W3C) standards, such as RDF and Web Ontology Language (OWL), serve as the foundation for semantic technologies, which are designed to extend the capabilities of information on the Web and enable data to be integrated in a meaningful way. Oracle's RDF Data Model within Oracle Spatial 11g is a scalable, secure and reliable RDF management platform. TopQuadrant's TopBraid Suite™ enables customers to rapidly assemble, deploy and manage dynamic ontology-driven applications built using W3C semantic web standards.

"Since its release, Oracle Database 11g has become the database of choice for many semantic projects that operate on large amounts of data," said Holger Knublauch, vice president, product development, TopQuadrant. "Many companies want to take advantage of the native RDF database within Oracle Database 11g, but in order to build scalable semantic applications, users need server-side reasoning and an Oracle RDF/OWL rule editor. This integration provides organizations with all the tools necessary to build, deploy and manage semantic applications that fully leverage Oracle Database 11g."

"Semantic applications offer a new approach to developing flexible and extensible knowledge management solutions," said Steve Hagan, vice president, Server Technologies, Oracle. "The integration of TopQuadrant's TopBraid development suite with the powerful capabilities of Oracle Database 11g, delivers a scalable, secure and easy-to-use solution for building semantic applications."

Oracle customers can now use TopBraid Composer to edit user-defined native Oracle rules and run server-side inferences. With this rule editing support, users can select one or more user-defined rule bases and combine these with pre-defined Oracle rules sets in RDFS, RDFS++, OWLSIF and OWLPRIME. Oracle rules are executed on the server and incrementally on each database commit, which significantly speeds up execution time and simplifies the maintenance of inferences.

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In addition to pure server-side inferencing, the easy-to-use TopBraid interface allows non-programmers to create hybrid reasoning by combining Oracle rules with other reasoning options from a catalog of available inference engines. Rules are simply arranged to execute in a delegation chain, creating a hybrid reasoning process which is needed for many semantic applications. Furthermore, the Oracle inferencing can be made part of complex information integration pipelines using TopQuadrant's visual scripting language SPARQLMotion.

About Oracle PartnerNetwork

Oracle PartnerNetwork is a global business network of more than 19,500 companies who deliver innovative software solutions based on Oracle Software. Through access to Oracle's premier products, education, technical services, marketing and sales support, the Oracle PartnerNetwork program provides partners with the resources they need to be successful in today's global economy. Oracle partners are able to offer their customers leading-edge solutions back by Oracle's position as the world's largest enterprise software company. <http://oraclepartnernetwork.oracle.com>

About TopBraid Suite

The TopBraid Suite™ supports the complete semantic application development lifecycle. Users can rapidly assemble, deploy and manage dynamic ontology-driven applications built with W3C Semantic Web standards, such as RDF and OWL. The suite includes TopBraid Composer, an ontology modeling tool; TopBraid Composer Maestro Edition™, an extended version of Composer with additional capabilities such as SPARQLMotion for editing and executing visual data processing scripts; TopBraid Live™, a semantic application deployment platform; and TopBraid Ensemble™, a collaborative information management application.

About TopQuadrant

TopQuadrant is a leading semantic technology products company, providing a full range of products services, knowledge, training programs, best practices and methods for building semantic solutions. TopQuadrant products and services are supporting clients to build semantic solutions in many industries and application areas including net-centric operations, semantic integration, search, collaboration, policy management, healthcare and medical informatics, enterprise architecture, semantic web services and other ontology-driven applications. For more information, visit www.topquadrant.com.

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