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**FOR IMMEDIATE RELEASE**

## **TopQuadrant Dramatically Accelerates Semantic Web Application Development with TopBraid Suite 3.0**

### ***First Graphical Assembly Toolkit for Semantic Web Applications and RDF Language for SPARQL that Applies Business Logic to Data***

**EnterpriseDataWorld 2009 - TAMPA FL., – April 6, 2009** - TopQuadrant™, the global leader in Semantic Web application development technology, solution services and training programs, today announced TopBraid Suite 3.0, which sets a new standard for enterprise-class Semantic Web application development. TopBraid Suite 3.0 includes two significant advancements that open up Semantic Web application development to a broader set of technically savvy users, significantly reduces development costs and speeds time-to-market for new applications.

TopBraid Suite 3.0 provides a graphical application assembly toolkit that allows users to dynamically configure Semantic Web applications using pre-built components. In addition, TopBraid Suite 3.0 is the first application development platform to support SPIN (SPARQL Inferencing Notation), a new and unique Semantic Web language with an explicit object-orientated rule model that can link data and domain models. (See *separate press release: TopQuadrant Creates First Object-oriented Semantic Web Language that Applies Business Logic to Data – 4/6/09.*)

"Most business applications are too inflexible to keep pace with the businesses they support," said Irene Polikoff, co-founder and CEO, TopQuadrant. "Applications built with Semantic Web data models can be dynamically changed to support new business processes, but many companies do not have the expertise to build Semantic Web applications. Our advances in TopBraid 3.0 remove the entry barriers organizations face when adopting new standards. TopBraid 3.0 allows its users to quickly assemble Semantic Web applications without needing extensive expertise in Semantic Web technologies or programming. TopBraid 3.0 will empower more organizations to become agile and better meet the changing challenges of our global economy."

"We are very excited about the release of SPIN for our advanced Business Intelligence systems," said Joe Eberle, chief architect, Ontology Business Solutions, CTG. "We are retrofitting our applications to more closely bind rules and constraints within our domains. The ability to reuse and repurpose functions and templates in such a simple and flexible way will make our development easier and offers a huge advance for our business solutions."

#### **Graphical Assembly Toolkit**

TopBraid Ensemble, which is part of TopBraid Suite 3.0, is a graphical Semantic Web application assembly toolkit that allows users to quickly configure a variety of Rich Internet Applications. Users do not need to manually program application components using languages such as Java or JavaScript. Instead, they simply select and arrange a set of components on the screen and push the save button to share the new application with others.



A ready-to-use, fully configurable library of components addresses key application functionality, including grids, trees, search and edit forms, maps and charts, a visual query editor for SPARQL and dynamic event relays. This rich set of available components supports building systems for collaborative development and management of controlled vocabularies, search and data exploration, mashups, Semantic wikis and other application areas. Integration with server-side scripts and SPIN rules enables components to be configured for implementing application and context-specific business logic.

### **SPIN (SPARQL Inferencing Notation)**

SPIN is an open source collection of RDF vocabularies that allow SPARQL users to define business rules for Semantic Web applications. SPARQL is a well-established W3C standard implemented by many industrial-strength RDF APIs and databases. Based on SPARQL, SPIN provides an open source Java API distributed under a dual license by TopQuadrant.

Instead of relying on the textual representation of SPARQL expressions, SPIN offers an RDF schema for SPARQL. As a result, SPARQL queries can be stored as RDF triples together with any RDF domain model. This enables the linkage of RDF resources with associated queries and sharing and reuse of queries as part of Semantic Web models. SPIN also provides meta-modeling capabilities that allow users to define their own SPARQL functions and query templates. As an additional resource, SPIN provides a library of common functions that is ready to use out-of-the-box.

### **About TopBraid Suite**

TopBraid Suite™ supports the complete semantic application development lifecycle. Users can rapidly assemble, deploy and manage dynamic ontology-driven applications built with the W3C SemanticWeb standards, including RDF/S, OWL and SPARQL. The suite includes TopBraid Composer, a Semantic Web modeling and application development environment; 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™, an enterprise Semantic Web application platform; and TopBraid Ensemble™, a Semantic Web application assembly toolkit.

### **About TopQuadrant**

TopQuadrant is the global leader in Semantic Web application development technology, solution services and training programs. Established in 2001 with the mission to enable enterprises to be agile through practical application of Semantic Web technologies, TopQuadrant offers TopBraid Suite, the only Semantic Web platform with a graphical application assembly toolkit and end-user customizable tools to discover, explore and visualize relevant data without programming. TopQuadrant's Semantic Web applications enable enterprises to master the challenges of the global marketplace by becoming more agile, reducing costs and creating competitive business processes that easily adapt to change. The company's customers include Fortune 1000 corporations in retail, pharmaceutical, financial services, medical/healthcare, manufacturing, and energy industries as well as government agencies in the areas of defense, intelligence and airspace. For more information, visit [www.topquadrant.com](http://www.topquadrant.com).

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