Franz Inc. Adds Solr and MongoDB Integration to its Semantic Web Database

AllegroGraph 4.7 Powers Dynamic Reasoning Critical for CRM, Financial Services, Security, Social Networking and Telco Applications

OAKLAND, Calif. – June 11, 2012 – Franz, Inc., the leading supplier of Graph Database technology for the Semantic Web, today announced AllegroGraph 4.7, the industry's first native RDF database with Enterprise Online Transaction Processing (OLTP) capabilities. This breakthrough in database technology allows companies to simultaneously add, query and dynamically reason over large scale semantic datasets with ACID compliance and transaction management. The v4.7 release adds Solr and MongoDBintegration along with a host of other features and enhancements.

"Despite Solr's many capabilities the product does not include the ability to perform semantic search in your files. For example, it does not let you perform queries or reasoning over the objects that are discovered in a document via Entity Extraction. For that you need to marry Solr with an RDF Database, like AllegroGraph, to create intelligent text documents." said Dr. Jans Aasman, CEO of Franz, Inc. "Several of our SemTech customer projects have found this augmentation of Solr with RDF to be a key feature for creating unique capabilities within their product offering."

"MongoGraph is an effort to bring the Semantic Web to MongoDB developers," stated Dr. Aasman. "We implemented a MongoDB interface to AllegroGraph to give Javascript programmers both Joins and the Semantic Web. JSON objects are automatically translated into triples and both the MongoDB query language

and SPARQL work against your objects."

New Key Features and updates in AllegroGraph 4.7:

- Solr Interface, integrated with the SPARQL 1.1 query engine
- MongoGraph – AllegroGraph and MongoDB integration
- SPIN Support (SPARQL Inferencing Notation)
- JavaScript stored procedures
- New Transactional Duplicate triple/quad deletion and suppression
- New Support for Client Authentication via x.509 certificates
- Improved efficiency of Warm Standby and Replication
- Triple Level Security with Security Filters

AllegroGraph is the only NoSQL database to achieve the loading of over 1 Trillion RDF Triples, a major step forward in scalability for the Semantic Web. AllegroGraph is a modern high-performance database that continues to raise the bar in Web 3.0 database scalability. Disk-based storage allows the database to scale to billions of triples while maintaining superior performance. AllegroGraph 4.7 is an enterprise-class database with ACID transactions, full recovery, 100% read concurrency, online backups, dynamic and automatic indexing, advanced free text indexing, deletion of duplicate triples, and now, warm standby, replication, and point in time recovery.

AllegroGraph provides users an event-based view of their datasets. Events are broadly defined as things that have a particular type (i.e. financial transactions, customer purchases, and meetings), a number of actors (payee, payer, patient, terrorist), a start time, an end time and a location. Customers can use AllegroGraph 4.7 to reason about types of events; link events to companies and people through social networking algorithms; and link to events and places through a user-friendly layer of temporal reasoning rules.

Event analysis is further enhanced with a geospatial engine that is as fast as specialized spatial databases.

About Franz Inc.
Franz's semantic technology solutions help bring Web 3.0 ideas to reality. The company is the leading supplier of commercial, persistent and scalable RDF Graph Database products. AllegroGraph is a high-performance database capable of storing and querying a trillion RDF statements. The product provides solutions for customers to combine unstructured and structured data using W3C standard RDF for creating new Web 3.0 applications as well as identifying new opportunities for Business Intelligence in the Enterprise. AllegroGraph's Activity Recognition package provides a powerful means to aggregate and analyze data about individual and organizational behaviors, preferences, relationships, plus spatial and temporal linkages between individuals and groups. Franz customers include Fortune 500 companies in the government, life sciences and telecommunications industries. For more information, visit franz.com.