Bloor Research Positions AllegroGraph as a 'Champion' in Burgeoning Graph Database Market

Graph Databases Identified as the Fastest Growing Segment of the Database Market

OAKLAND, Calif. – May 5, 2015 – Franz, Inc., the leading supplier of Semantic Graph Database technology, today announced its flagship product, AllegroGraph, has been named a Champion by Bloor Research in its recent Graph Database Market Update report. AllegroGraph is a high performance Semantic Graph Database that enables analytics by leveraging the W3C industry standards. **Graph databases are skyrocketing in popularity and** have grown by 400% in the past two years, according to a recent DBMS ranking by DB-Engines.

"We are excited that Graph and RDF Databases are beginning to get the attention that they deserve," said Dr. Jans Aasman, CEO, Franz Inc. "In today's data-driven environments, the ability to quickly analyze data from diverse sources is becoming critical. We are already seeing how Semantic Graph Databases with predictive analytics can help transform healthcare through Precision Medicineand make us safer through Insider Threat Detection."

"Graph databases handle a class of issues that are too structured for NoSQL and too diverse for relational technologies," according to Bloor Research. "Relational databases are inherently limited to one-to-one, many-to-one and one-to-many relationships. They do not cater well for problems (such as bill of materials – a classic case) that are many-to-many. For these types of requirements graph databases

not only perform way better than relational databases, but they allow some types of query that are simply not possible otherwise. Semantic query support tends to be particularly strong in triple stores. Another major point is that research suggests that graph visualizations are very easy and intuitive for users." (Source: Bloor Research, Graph Databases, Philip Howard, April 13, 2015)

About AllegroGraph

AllegroGraph is a database technology that enables businesses to extract sophisticated decision insights and predictive analytics from highly complex, distributed data that cannot be uncovered with conventional databases. Unlike traditional databases or NoSQL databases, AllegroGraph employs semantic graph technologies that process data with contextual and conceptual intelligence. AllegroGraph is able run queries of unprecedented complexity to support predictive analytics that help organizations make more informed, real-time decisions.

About Franz Inc.

Franz Inc. is an innovative technology company with expert knowledge in developing and deploying Graph Search solutions. AllegroGraph, Franz's flagship, high-performance, transactional, and scalable Graph Database, provides the solid storage layer for powerful Enterprise grade NoSQL solutions. AllegroGraph's Activity Recognition capabilities 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.

For additional Franz Inc customer success stories please visit:

- AllegroGraph – http://franz.com/agraph/success/
- Allegro CL – http://franz.com/success/

Franz's Professional Service team is in the business of helping companies turn Data into Information and Information into Knowledge. We combine Data, Business Intelligence, and Analytics consulting services under one roof for our customers.

Franz, an American owned company based in Oakland, California, is committed to market-driven product development, the highest levels of product quality and responsive customer support and service. Franz customers include Fortune 500 companies in the government, life sciences and telecommunications industries. Franz has demonstrated consistent growth and profitability since inception. For more information, visit franz.com.

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Franz Receives 2015 Best Semantic Graph Database Award

Oakland, CA — March 10, 2015 — — Franz Inc. has been selected for the 2015 Best of Oakland Award in the Graph Database Technologies category by the Oakland Award Program.

Each year, the Oakland Award Program identifies companies that we believe have achieved exceptional marketing success in their business category. Interest in Graph Databases exploded in 2014, according to DB-engines.com. Franz Inc. is a leader in this sector and well positioned to capitalize on the momentum in this market going into 2015.

Various sources of information were gathered and analyzed to choose the winners in each category. The 2015 Oakland Award Program focuses on quality, not quantity. Winners are determined based on the information gathered both internally by the Oakland Award Program and data provided by third parties.

About Oakland Award Program

The Oakland Award Program is an annual awards program honoring the achievements and accomplishments of businesses throughout the Oakland area. Recognition is given to those companies that have shown the ability to use their best practices and implemented programs to generate competitive advantages and long-term value. The Oakland Award Program was established to recognize the best businesses in our community. Our

organization works exclusively with business owners, trade groups, professional associations and other business advertising and marketing groups. Our mission is to recognize the small business community's contributions to the U.S. economy.

About Franz Inc.

Franz Inc. is an innovative technology company with expert knowledge in developing and deploying graph search solutions. AllegroGraph, Franz's high-performance, transactional, and scalable graph database, provides the solid storage layer for powerful Enterprise grade NoSQL solutions. Franz's products and professional services are uniquely positioned to help bring your complex ideas to reality.

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Franz Extends its Semantic Graph Database

AllegroGraph 5.0 Unveils New Multi-dimensional Indexing for Complex Location Aware Applications

OAKLAND, Calif. — February 9, 2015 — Franz, Inc., the leading supplier of Semantic Graph Database technology, today announced AllegroGraph 5.0 with unique multi-dimensional indexing capabilities. Data Scientists can think of these new multi-dimensional indices as similar to OLAP data cubes or HyperCubes but with the powerful dynamic data linking of a Graph Database.

AllegroGraph was the first Graph Database to offer advanced temporal and geospatial libraries. With this latest release AllegroGraph again leads the industry with multi-dimensional event based data processing for solutions across a diverse customer base including; healthcare, telecom, agriculture, financial and intelligence applications. Although the industries are diverse, AllegroGraph users are driven by a common need to better answer complex, real world questions which today require the fusion of data in many dimensions.

"Today's leading companies have realized the incredible value locked up in their existing unstructured and structured data that they are unable to link together to make better business decision." noted **Dr. Jans Aasman, CEO, Franz Inc.** "This realization is driving demand for new sophisticated event based analytics for use over diverse sources such as corporate email, documents, spreadsheets, relational databases, news feeds, social networks and much more."

Adding dimensions dramatically increases computational complexity but with AllegroGraph's patented multi-dimensional indexing, customers will experience queries orders-of-magnitude faster, even with increasing data size, all while using W3C standards based technologies that protect their investment in data, development, and learning.

"With AllegroGraph 5.0, companies can easily transform and integrate unstructured and structured data and query it in real-time, providing critical business intelligence to compete and excel." said Dr. Aasman.

A simple event always has a "when" and "where" but for data-driven clients to better answer real world questions requires the fusion of data on multiple dimensions. One example of AllegroGraph's new multi- or n-dimensional capabilities is to correlate atmospheric observations that contain latitude, longitude, height, time, humidity, barometric pressure, ozone concentration with real world events like crop yields or

natural disasters that are also located in time and place. AllegroGraph can dynamically generate data cubes by using our n-Dimensional Datatype Designer and run SPARQL insert statements to create new data cubes on the fly. Subsequently we then can ask queries like:

"Which persons of interest were in the same locations in the same time interval with multiple occurrences and turned off their phones at the same time?"

Companies around the world use AllegroGraph to increase their data IQ while creating scalable applications to better understand customers, save operation costs, manage company compliance and connect siloed data. AllegroGraph's Semantic Graph capabilities continue to derive unique value from a wide variety of use cases including the US Census Bureau:

"The U.S. Census Bureau's Business Dynamics Statistics Program selected AllegroGraph for our BDS-IF data integration project because of its advanced performance capabilities in addition to the product's FISMA compliance." stated Dr. Javier Miranda, Principal Economist, U.S. Census Bureau. "Franz's support team has been great to work with and repeatedly bent over backward to help move our project forward." noted Dr. Miranda.

For additional information about AllegroGraph, see here.

Events

Franz will be hosting a webcast on February 25, 2015 — **Maximizing New Multi-dimensional Indexing for Complex Location Aware Applications with AllegroGraph v5.0** to discuss examples and use cases for AllegroGraph's new n-dimensional capabilities.   Registration — http://franz.com/ps/services/conferences_seminars/semantic_t echnologies_v45.lhtml

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Allegro CL with AllegroCache are leading Common Lisp based Enterprise-ready development tools. Together they provide an ideal environment to create complex, mission-critical applications that solve real world problems very quickly.

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How Cognitive Probability Graphs Can Save Lives

Franz's CEO, Jans Aasman, recently wrote the following article for Health IT Outcomes:

'In the near future, it will be possible for patients throughout the healthcare industry to understand the probability of susceptibilities based on their genes, medical records, family history, and current medical condition. By combining artificial intelligence, semantic technologies, Big Data, graph databases, and dynamic visualizations — cognitive probability graphs can determine the likelihood of future medical events.'

'The power of cognitive probability graphs stems from the capability to combine the probability space — statistical patient data — with a knowledge base of comprehensive medical codes and a unified terminology system. Integrating these into a semantic graph enables a dynamic querying profundity that is otherwise not possible.'

Read the full Article at Health IT Outcomes