Cambridge Semantics Adds Docker and Kubernetes Containers to AnzoGraph

Market-leading graph analytics database expands to meet developer demand for rapidly growing Docker and Kubernetes container systems.

BOSTON (PRWEB) May 13, 2019 -- Cambridge Semantics, the leading provider of modern data management and enterprise analytics software, today introduced a new version of its AnzoGraph analytics database to support Docker and Kubernetes containers. This update allows for a wider array of deployment options for AnzoGraph, a market-leading graph database that offers fast, scalable analytics.

By deploying in the Kubernetes environment, IT organizations can easily define and install massively parallel graph database clusters on-demand to meet the scale and size of enterprise environments; should those needs change, IT organizations can quickly spin up and down AnzoGraph clusters to meet current data analytics needs.

“Databases are traditionally huge monolithic applications and have been difficult to run in containers,” said Frank Schwichtenberg, Vice President, Cloud, Cambridge Semantics. “Integrating AnzoGraph in the leading microservices architecture represents a game-changer for database deployment. On-demand, data-driven scale-out deployments are just easier in Kubernetes.”

Modern database users often have more increasingly variable uses for data and analytics, and containers can help support that market trend. By being able to quickly spin up a containerized analytics environment that loads fast, computes quickly and hibernates in seconds, companies can realize amazing cost savings over static bare metal servers or cloud environments.

Kubernetes has been rapidly growing and maturing as the leading management layer for docker containers. Key recent advancements in Kubernetes and its ecosystem have provided the table stakes to implement a robust, secure architecture. In addition, operational advancements like Helm provide handy command-line-based release management. More importantly, intelligent Kubernetes operators allow seamless enterprise integration of databases-as-a-service. The intelligent operator architecture enables users to start simple with a single AnzoGraph node and then easily scale up and out just by providing the deployment specification to the AnzoGraph operator that automatically manages the deployment.

Zeppelin and Jupyter notebooks are very popular among data scientists and analysts and AnzoGraph supports both. Cambridge Semantics offers AnzoGraph with a free docker container with an enhanced Zeppelin notebook that supports SPARQL-based notebooks. AnzoGraph’s unique Online Analytical Processing (OLAP) database engine, makes it well-suited for deep analysis of both small and large data sets.

For more information about AnzoGraph, visit https://www.cambridgeanalytics.com/product/anzograph/.

About Cambridge Semantics
Cambridge Semantics Inc., The Smart Data Company®, is a modern data management and enterprise analytics software company that enables seamless access, integration and analysis of all enterprise data via a graph driven data fabric architecture. The company delivers products and solutions to IT departments and business users across all industries that accelerate data delivery and meaningful insights across the business at hyper-
speed and scale.

Cambridge Semantics is based in Boston, Massachusetts.

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