AllegroGraph 7.3 Extends GraphQL to Knowledge Graph Developers

AllegroGraph Extended Support for GraphQL APIs Can Accelerate and Enhance Complex AI Applications

Franz Inc., an early innovator in Artificial Intelligence (AI) and leading supplier of Graph Database technology for Entity-Event Knowledge Graph Solutions, today announced AllegroGraph 7.3, with enhanced GraphQL query capabilities for distributed Knowledge Graphs and Enterprise Data Fabrics. With AllegroGraph's GraphQL APIs, developers can create performant and more complex data-driven applications. GraphQL's unique capability to fetch the exact and specific data in a single request delivers flexibility to Knowledge Graph developers.

"GraphQL APIs are growing in importance, as more development teams rapidly adopt them to expose back-end data and functionality with greater flexibility than REST APIs," according to Gartner. The worldwide analyst firm predicts "by 2025 more than 50% of enterprises will use GraphQL in production, up from less than 10% in 2021." (*Source: Gartner, Predicts 2022 APIs Demand Improved Security and Management, December 6, 2021.*)

"GraphQL's increasing industry adoption in combination with AllegroGraph's FedShard and Entity-Event Modeling capabilities provide AI application developers and data architects with both the ease and flexibility to create very powerful data-driven applications across the enterprise," said Dr. Jans Aasman, CEO of Franz Inc. "Now when organizations need to integrate multiple systems from large legacy infrastructures and add new data to deliver a rich AI application — they can do so more quickly and easily using AllegroGraph and GraphQL

APIs."

AllegroGraph's GraphQL Support

GraphQL is an open-source data query language for APIs and a runtime for fulfilling queries with data. It allows API clients to query data as a graph irrespective of how the data is stored, making it possible to loosely couple data sources with client applications. GraphQL provides a complete and understandable description of the data in the API, gives clients the power to ask for exactly what they need and nothing more, and makes it easier to evolve APIs over time. Using GraphQL APIs within AllegroGraph can lower integration costs and minimize redundancy in enterprise systems, while improving the value of data-driven applications.

Availability of AllegroGraph 7.3

AllegroGraph 7.3 is immediately available directly from Franz Inc. For more information, visit AllegroGraph.com/Downloads for cloud and download options.

AllegroGraph — GraphQL Technical Documentation