

SemWeb Pro Conference – Semantics & AI for Data Fabrics (Recording)

Journée de présentations et de rencontres
dédiées au web sémantique dans le monde professionnel

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Semantics & AI for Data Fabrics and Enterprise Event Processing

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Data Fabrics are emerging as the most effective means of integrating knowledge throughout the Enterprise and coupled with Knowledge Graphs they deliver a unique, symbiotic relationship because the combination streamlines the process to extract data and build knowledge from the myriad of sources that comprise Enterprise data.

Data Fabrics are emerging as the most effective means of integrating knowledge throughout the Enterprise. Experts agree these fabrics are the future of enterprise analytics and AI. Gartner recommends “Data and analytics leaders must upgrade to a Data Fabric design that enables dynamic and augmented data integration in support of their data management strategy.” Forrester states that “Enterprise architecture (EA) pros should use data fabric to democratize data across the enterprise for various use cases.”

Data fabrics offer a cohesive means of integrating and sharing data regardless of differences in format, technology, or location. Data fabrics are considered the most mature means of data integration because they organize the exchange of semi-structured, unstructured, and structured data—while offering a

single access point to all data.

Knowledge Graphs are essential for governing content in terms of access management, data provenance, and data quality while unifying the terminology used to describe these assets across business lines, in an organization.

Data Fabrics and Knowledge Graphs have a unique, symbiotic relationship because they substantially streamline the processes to extract data from the myriad of sources that populate these platforms. Knowledge Graphs are key to providing fundamental capabilities enabling Data Fabrics to accomplish this objective.

During this presentation we will discuss success stories for Supply Chain, Healthcare, and Intelligent Call Centers as well as best practices for building Knowledge Graphs and developing a path toward an Enterprise-wide Knowledge Fabric.