FACULTY COLLOQUIUM

A Researcher's Digest of GQL (Graph Query Language)

GQL is being developed as a new ISO standard to become the SQL equivalent for graph databases. In parallel, an extension of SQL for querying property graphs, SQL/PGQ, has recently been added to the SQL standard; it shares the graph pattern-matching functionality with GQL. Both standards are hard-to-understand specifications of hundreds of pages. The goal is to present a digest of the language that is easy to understand, and thus to initiate research on these future standards for querying graphs. The focus will be on pattern-matching features shared by GQL and SQL/PGQ, as well as the querying facilities of GQL.

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