Visualizing Cost-Based XQuery Optimization
Andreas M. Weiner, Theo Härder, and Renato Oliveira da Silva

XML Transaction Coordinator (XTC)*

Key Aspects
- Native XML data management
- Testbed for XML query processing
- ACID transactions for dynamic XML

Optimization Framework
- Rule- and cost-based XQuery optimizer
- Allows to understand how and which relational query optimization techniques can be successfully re-used in the context of XQuery
- Visual explanation tool allows to track the complete query optimization process
- Hot reconfiguration of the optimizer

XQuery Graph Model (XQGM)

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