Searching with XQ: the Exemplar Query Search Engine

D. Mottin, M. Lissandrini, Y. Velegrakis, T. Palpanas


Search Engines and Users

Exemplar Query

Keyword to graph mapping

Similarity Search

Exemplar Query Results

Ranking

Problem statement

Given an exemplar query \( Q_e \) on a database \( D \), find the set \( \{a | \exists s \in eval(Q_e) \wedge a \approx s \wedge a, s \in D \} \), where the symbol \( \approx \) indicates a similarity function, and \( eval(Q_e) \) is the traditional evaluation of \( Q_e \).

Challenges and Solutions

Iterative Pruning

PageRank Approximation

Ranking Function

Results

Scalability

Previous work

User experience

Related Search