Current State and Future Challenges in Common Query Types

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Motivation

- Importance of Multimedia databases increases
- Introduction of multi or high dimensional index structures
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  • Evaluation of index structures and comparisons between them
  • Even some surveys about index structures
  • Framework QuEval
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  • Evaluation of index strutures and comparisons between them
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• But: Consideration limited to one or two query types when comparing index strutures
• Many different query types, index structures have to support
Topic

- Survey about different query types
- Classification: Similarity Queries
- Range query vs window query
- Approximate Nearest Neighbor
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- Classification: Similarity Queries
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Saake, Gunter; Sattler, Kai-Uwe; Heuer, Andreas: Datenbanken - Implementierungskonzepte. 3. Auflage. MITP, Bonn, 2011

Thank you for your attention!