

Matching and Evaluation of Disjunctive Predicates for Data Stream Sharing



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Predicate Matching and Evaluation

■ What is the problem?

- Predicate implication checking and relaxation for disjunctive predicates
- Efficient predicate evaluation

■ What are possible solutions?

- Heuristics vs. exact solution
- Multi-dimensional indexing

■ What do we show?

- Motivating application scenario: data stream sharing in a distributed data stream management system
- Intuition behind algorithms
- Intuitive and experimental comparison and evaluation