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