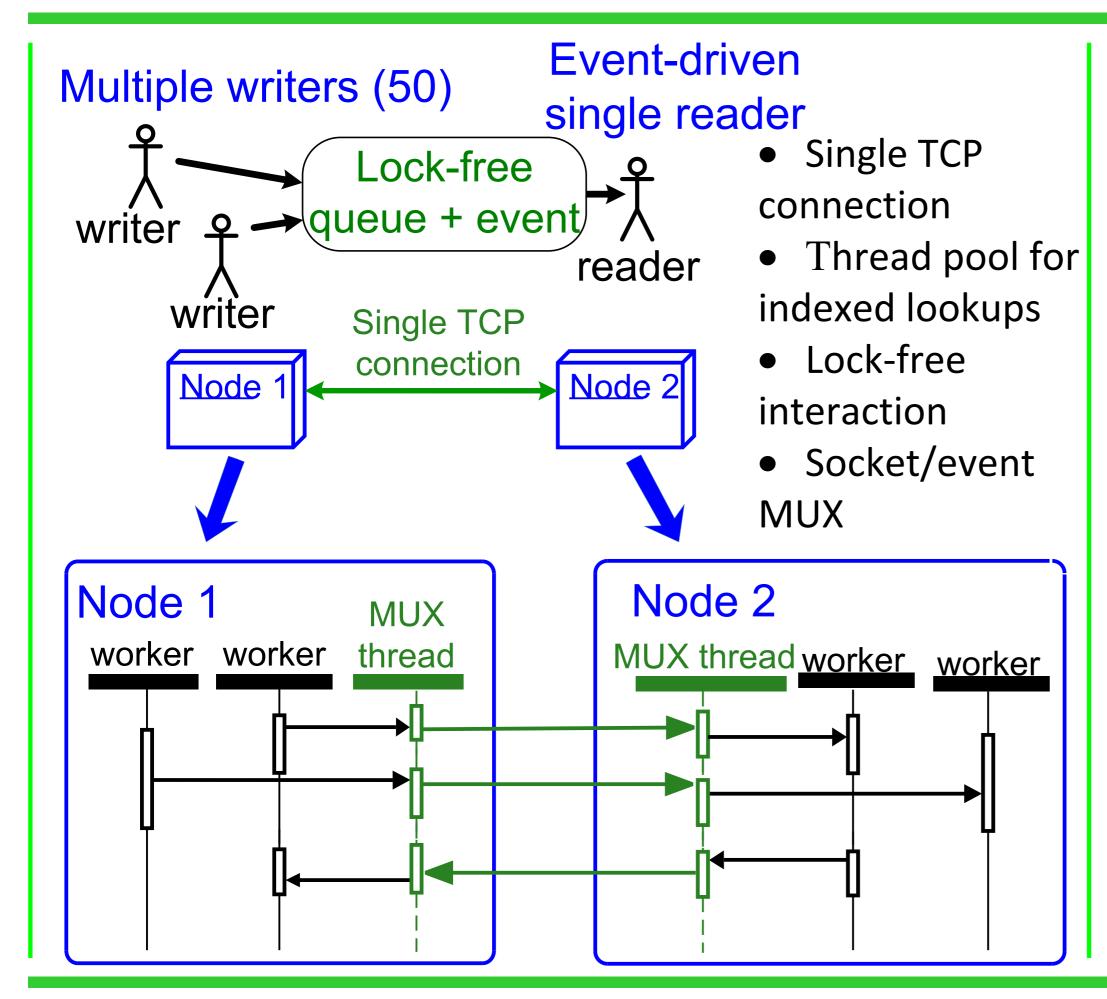


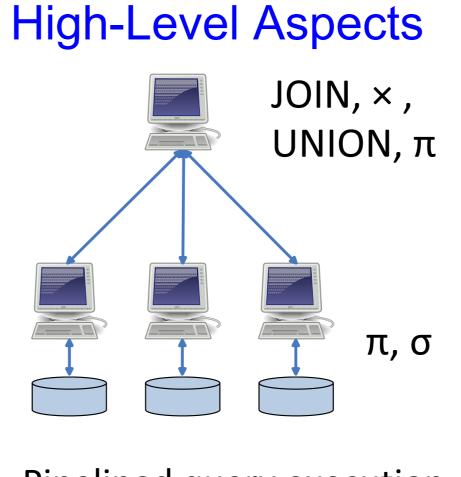
ACM SIGMOD 2010 Programming Contest Distributed Query Engine



Saint-Petersburg University, Russia

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Pipelined query execution

- Master node is responsible

Join Operation

- In-operation caching
- Sort one result, probe with another
- Tend to sort full result (to sort once)

Plan Generation

- Try to push

for complex operations

Slave nodes perform only scans and projections

Local Reduction

- Predicate clean-up
- **Restriction propagation**

down selects with indexed field

• Join indexed field with indexed (to fit in op cache)

