

Differential Dataflow

current conclusions (ongoing)

Functional queries + timestamping = hugely powerful:

1. Automatic incrementalization (even w/loops).
2. Throughput scale-out w/o concurrency. (*c.f.* Calvin)
3. Shared state between multiple queries. (*c.f.* RDBMS)

Recovering RBDMS features w/o sacrificing usability.

We are sacrificing e.g. transactions. This is not OLTP.

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