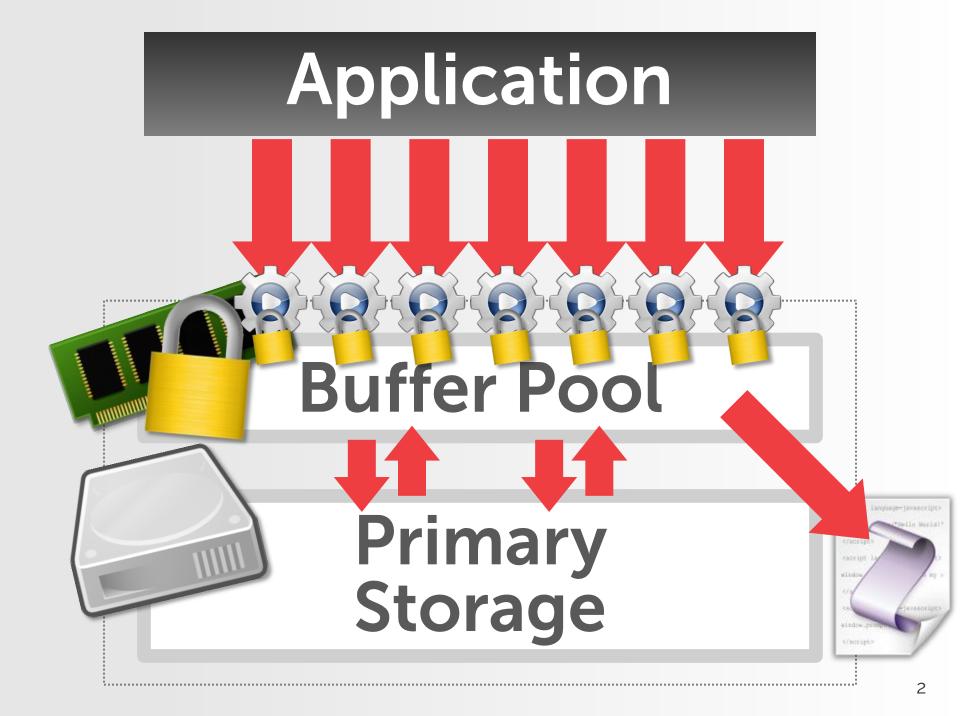
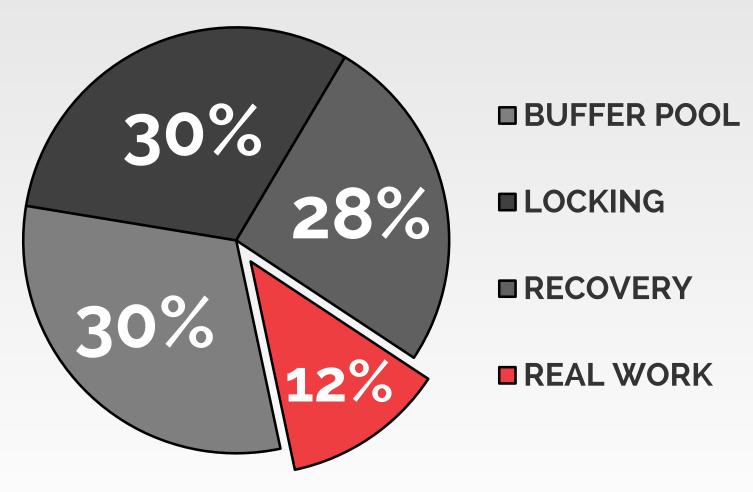


CACHE RULES EVERYTHING AROUND ME



Disk-Oriented Overhead

Measured CPU Cycles

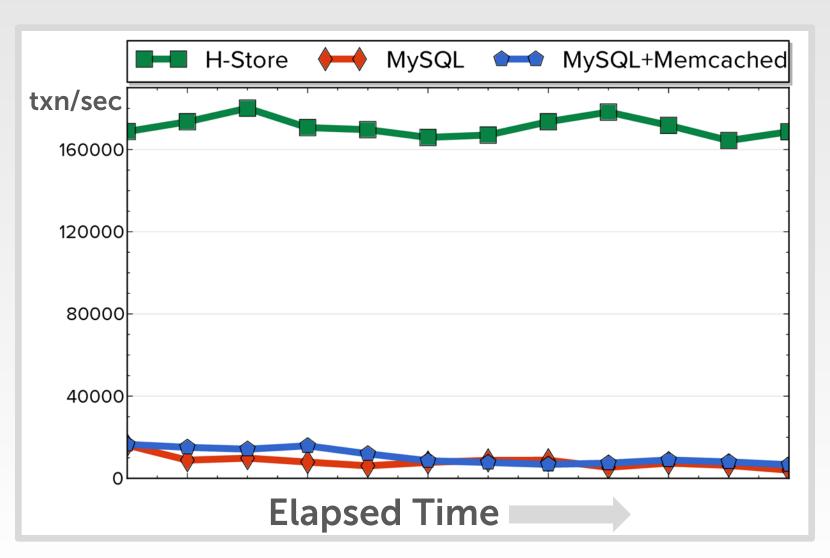


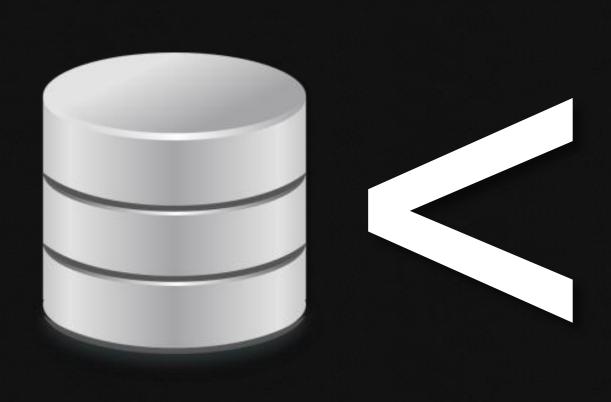
H-Store

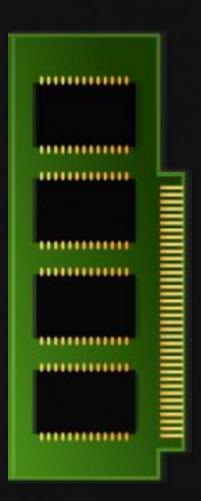
Transaction Processing System

Yahoo! Cloud Benchmark

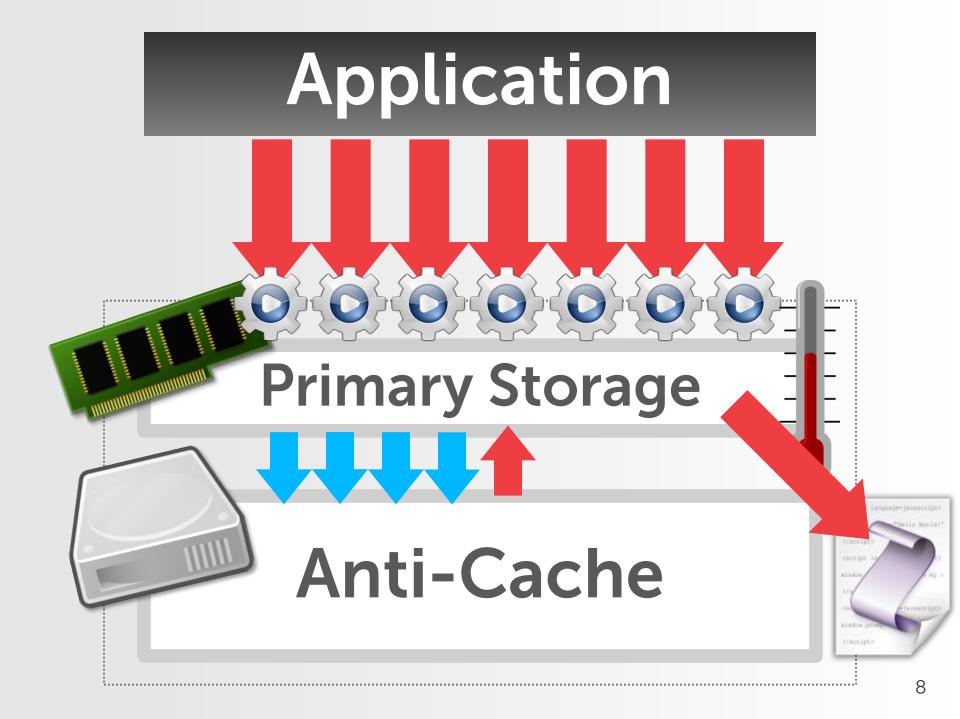
50% Reads / 50% Writes





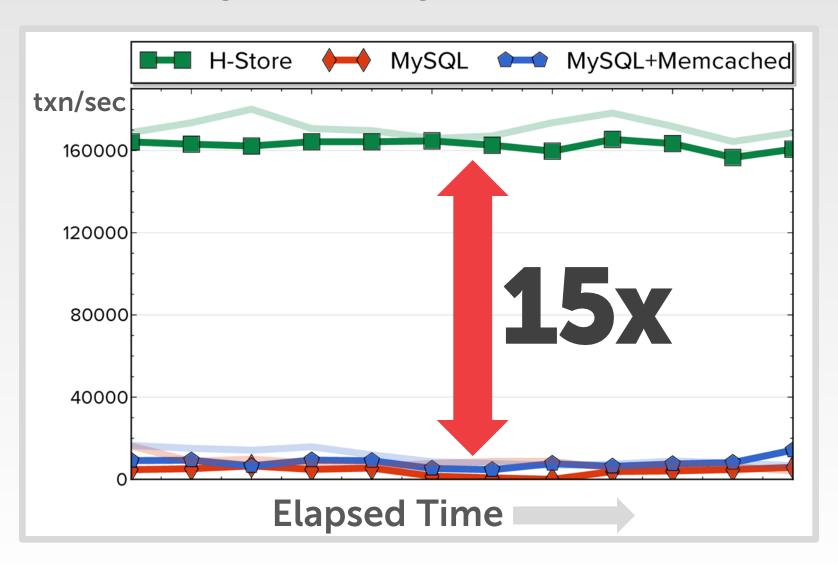


Anti-Caching



YCSB (2x Memory)

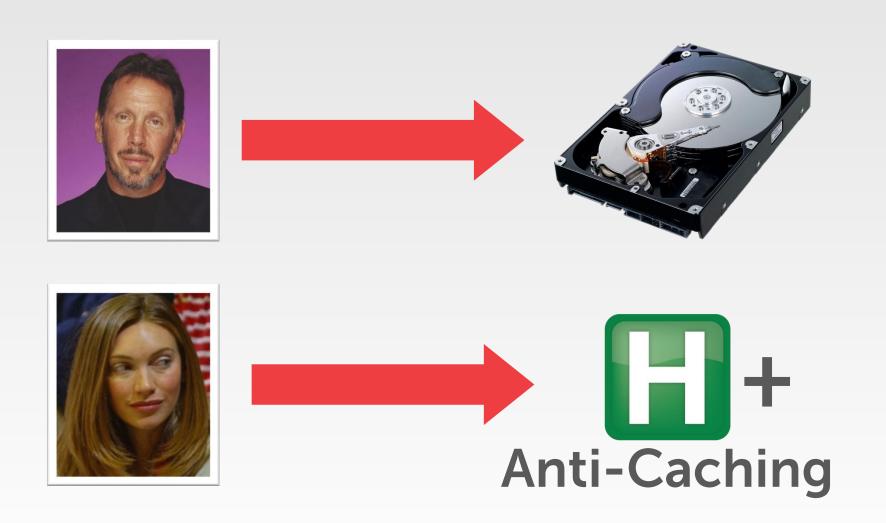
50% Reads / 50% Writes



Future Work

- Large Memory Queries.
- Eviction Strategies
- Block Reorganization
- "No Fetch" Queries.

Conclusion





H-Store

hstore.cs.brown.edu



Andy **Pavlo**



Justin **DeBrabant**



Stephen **Tu**



"The Thrill" **Stonebraker**



Stan **Zdonik**