

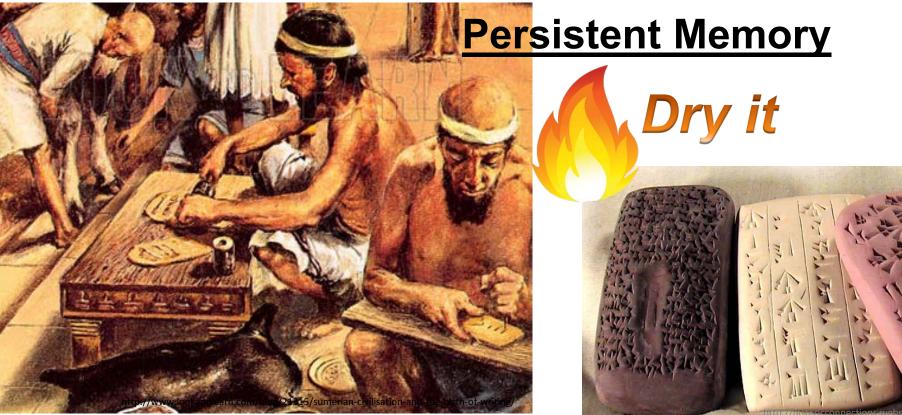






Persistent Memory





Previous: With "Log"



Leave original data intact

Previous: With "Log"



Leave original data intact

Our Design: "Kiln"



Directly overwrite original data

Previous: With "Log"

Our Design: "Kiln"



speedup across 6 benchmarks

Leave original data intact

Directly overwrite original data

Details about "Kiln"

Closing the Performance Gap Between Systems With and Without Persistence Support

<u>Jishen Zhao</u>	Penn State
Sheng Li	HP Labs
Doe Hyun Yoon	IBM Research
Yuan Xie	Penn State/AMD Research
Norm Jouppi	Google

Poster Session: Tue (Dec.10) 2 – 3PM Presentation: Wed (Dec. 11) 9:45AM Session 6B (Alpha Gamma Rho Room)



MICRO 2013

