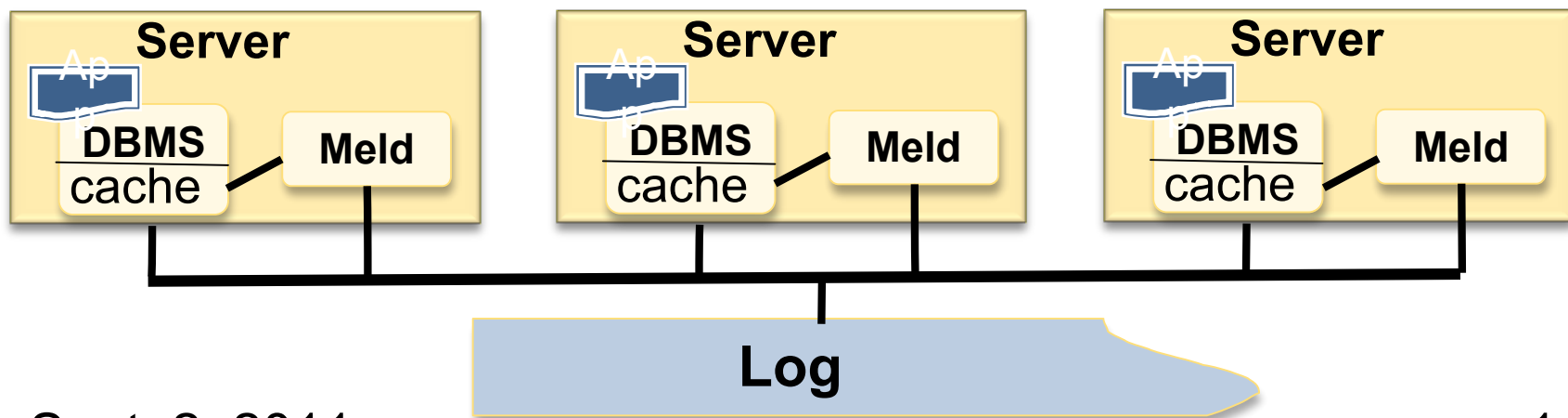


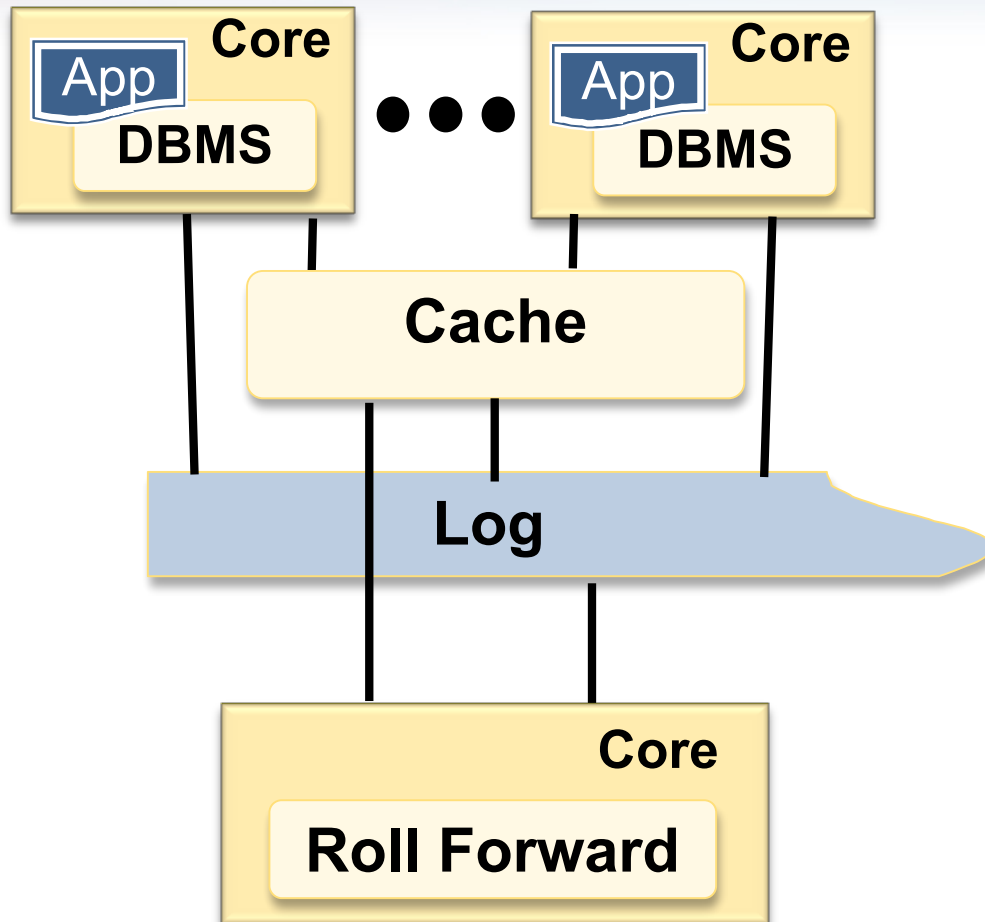
# Data-Sharing for Large Main Memory, Multicore, with Flash Storage

Phil Bernstein, Colin Reid

- A DMBS architecture for multi-tenant & real-time BI
- Scenario 1
  - The log is the database. All servers can access it.
  - Each transaction appends its after-images to the log.
  - Each server runs meld to do OCC and roll forward the log



# Scenario 2



- The log is the database.
- All cores can access it.
- Each transaction appends its after-images to the log.
- One core runs meld to do OCC and roll forward the log
- See our papers in CIDR 2011 and VLDB 2011