Announcements

• Hard deadline for survey paper and project report:
  – Wednesday, December 8, 8:59am by email
• Final presentations: December 13-15
  – Please see schedule
• For projects only:
  – submit code (tarball + README suffices) before final presentation
  – Either:
    • Include README telling me how to run your project
    • Or schedule demo with me individually

Outline for Today

• Finish discussion of distributed transactions
• Quick intro to some of my current research
  – Static Analysis
• CS 5516 Outlook

Recap

• Transactions (ACID)
  – Atomicity
    • Private Workspace vs. Writeahead Log
  – Consistency + Isolation
    • 2PL/Timestamps
• Distributed Versions
  – 2-Phase-Commit Protocol

Outlook CS 5516

• “Communication Networks”
• Current vision: project-oriented class
  – Multiple, small projects:
    – Implement small client/server; RPC
    – Implement reliable protocol
    – Implement routing protocol (in simulator)

Scratch