Interesting Design Decisions in AFS

- Two unusual design principles:
  - Whole file serving
    - Not in blocks
  - Whole file caching
    - Permanent cache, survives reboots

- Based on (validated) assumptions that
  - Most file accesses are by a single user
  - Most files are small
  - Even a client cache as "large" as 100MB is supportable (e.g., in RAM)
  - File reads are much more often that file writes, and typically sequential