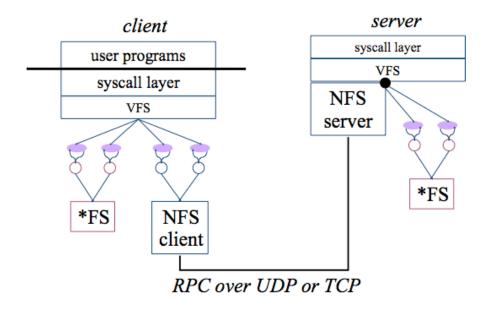
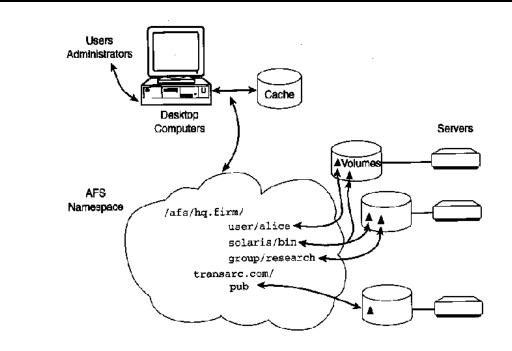
## **Network File System (NFS)**



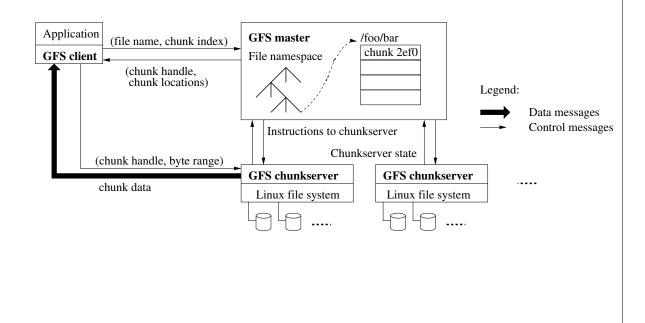
Bowdoin Sean Barker 1

### **Andrew File System (AFS)**



Bowdoin Sean Barker 2

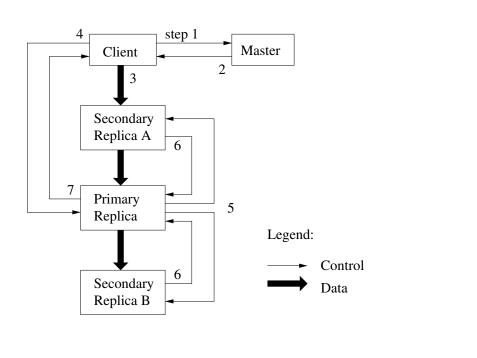
## **Google File System (GFS)**



Sean Barker

#### **GFS Mutations**

Bowdoin



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# GFS Cluster Statistics (c. 2003)

Cluster	A	В
Chunkservers	342	227
Available disk space	72 TB	180 TB
Used disk space	55 TB	155  TB
Number of Files	735 k	737 k
Number of Dead files	22 k	232 k
Number of Chunks	992 k	1550 k
Metadata at chunkservers	13 GB	21 GB
Metadata at master	48 MB	60 MB

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# **Course Snapshot**



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# **ByteTorrent** File Chunk I Chunk 2 Bowdoin

Sean Barker