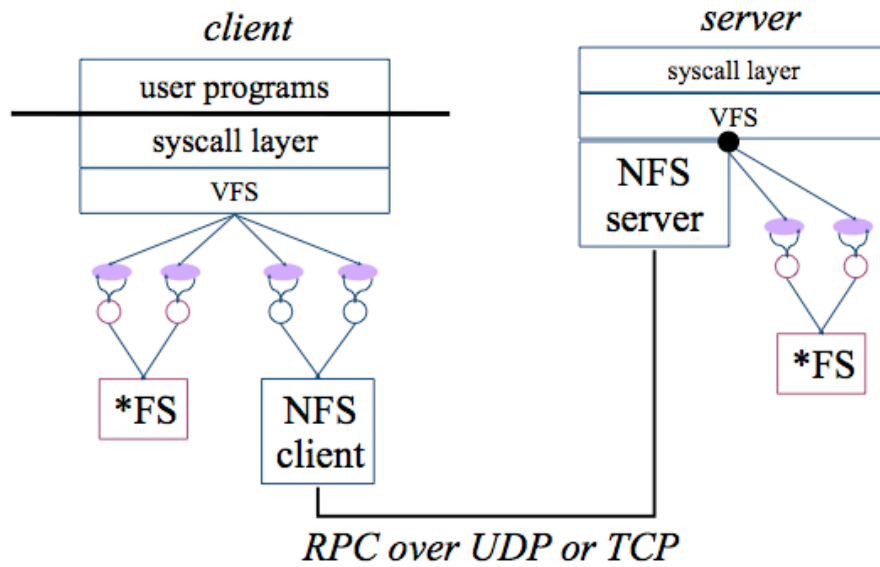
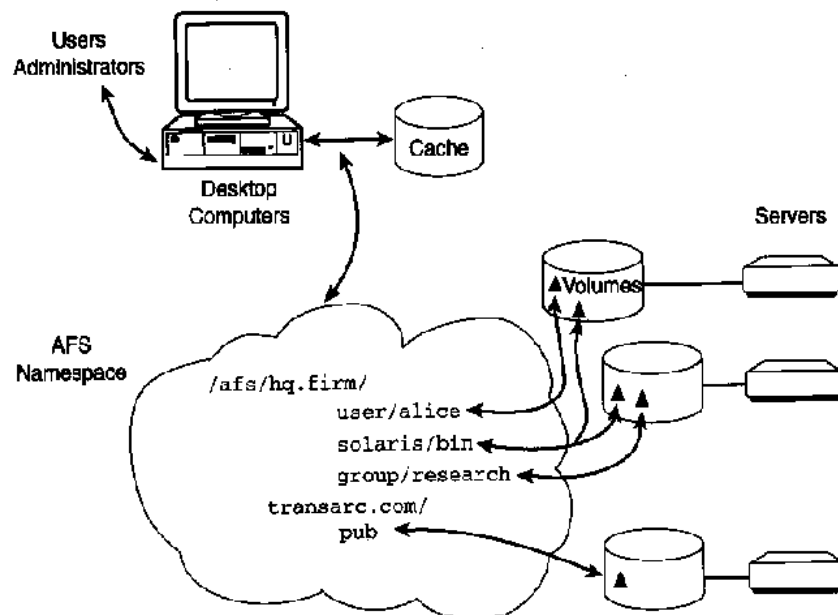


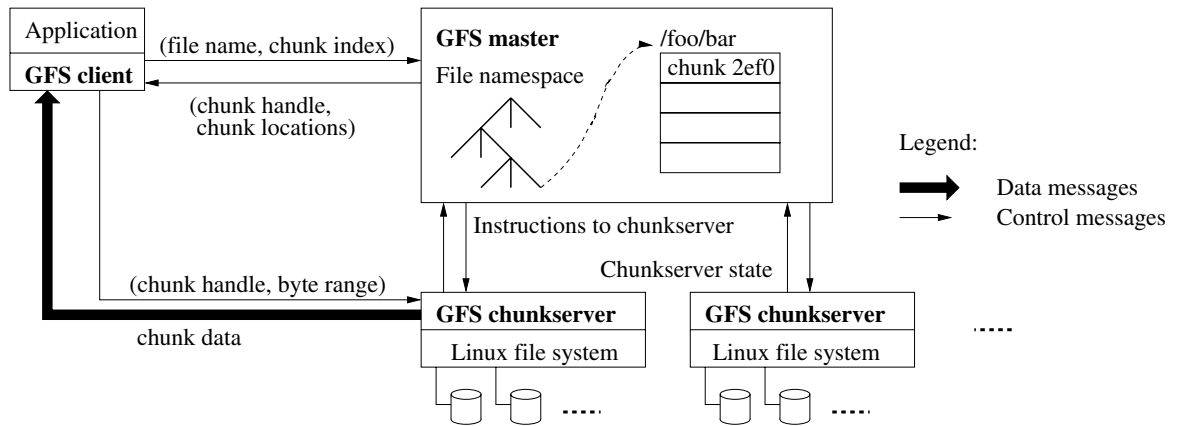
Network File System (NFS)



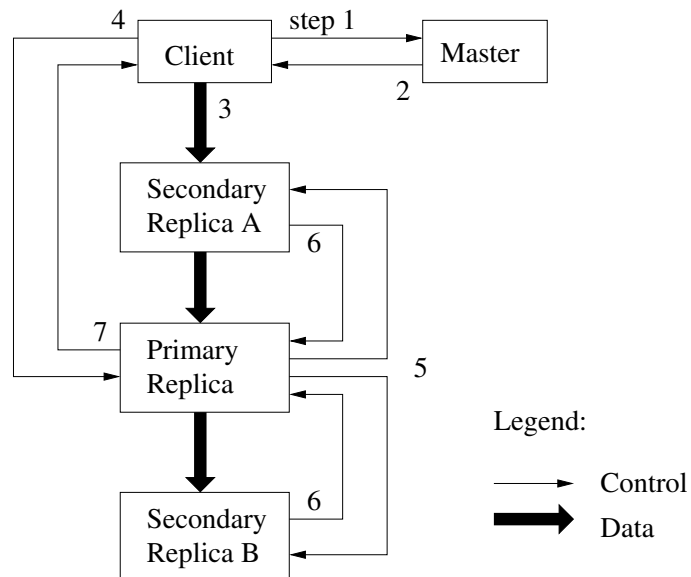
Andrew File System (AFS)



Google File System (GFS)



GFS Mutations



GFS Cluster Statistics (c. 2003)

Cluster	A	B
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

Course Snapshot



ByteTorrent

