

# NFS Client and Server Systems

- NFS Client system
  - Similar to our “Client service” in our Vanilla DFS
  - Integrated with kernel (OS)
  - Performs RPCs to NFS Server system for DFS operations
- NFS Server system
  - Plays the role of both Flat file service + Directory service from our Vanilla DFS
  - Allows *mounting* of files and directories
    - Mount /usr/tesla/inventions into /usr/edison/my\_competitors
    - => Now, /usr/edison/my\_competitors/foo refers to /usr/tesla/inventions/foo
    - Mount: Doesn't clone (copy) files, just point to that directory now