VFS and A Simple File System CS333 S20 :: Meeting 05

Course Logistics

- Lab 1
 - Due tonight. Anyone Stuck?
 - TA session tonight with Jacob
- Next class: FUSE
 - Documentation is scattered across many locations, as is tradition with open-source projects...
 - We will use FUSE in a "lab session" next Thursday with our guest Tom

Course Logistics

• Lab 2: Hello FUSE

- Build "restricted functionality" file system using FUSE:
 - Allow reading and writing to 1 file only
 - Can't create new files or delete existing files
- We will be using "Panic" machines in TCL 312
 - Given "root" privileges; use non-CS accounts
 - (required) partners for lab due to limited machines && because it is likely how you will be working in the "real world"



This Class VFS and Simple File system Similar in practice to some *real* file systems (FFS, ext4) This is the design we will implement later in Lab

















