UNIX In-Core Data Structure

mount table — Info about each mounted FS

directory-structure cache — Dir-info of recently accessed dirs

inode table — An in-core version of the on-disk inode table

file table

- ▶ global
- ▶ keeps inode of each open file
- ▶ keeps track of
    - ▶ how many processes are associated with each open file
    - ▶ where the next read and write will start
    - ▶ access rights

user file descriptor table

- ▶ per process
- ▶ identifies all open files for a process