

Week 3 Notes

stat() command

- reads files information
- have other forms such:
 - lstat() : can read links
 - fstat() : can specifies which information to return

Daemon process

- A process that runs in the background
- Doesn't have a file descriptor
- Can be created by fork-decouple-fork
- The name comes from a greek demon that works to uphold physics law, literally working in the "background"

creat()

- Another form from open()
- Basically open with O_WRONLY, O_CREAT, and O_TRUNC flags enabled

Sparse File

- A file which contains empty spaces or null called File Holes
- Rather than consuming memory to store those empty spaces, it keeps a metadata which part of the file is empty
- If a process reads a File Hole, it will instead reads the metadata
- Use to save extra memories, creating a "virtual" memory