

CSE 3320 Notes 11.6

Quiz: memory only

Multix: difference between file/flash/disk and memory.

- Access memory both ways
 - o Memory
 - o Backup storage/Disk/Flash

Non-volatile:

- Metafile → directory

Files divided into blocks (1+ Sector)/sectors

- Build a file system with the 2 parts

Memory:

- Simplist: cdc
- Pipeline:
- Partition
- First fit
- Best fit: just big enough
- Worst fit: biggest one-bigger fragment left
- Frames of memory: where
 - o Using VM management table
 - o How long does it take?
 - Hit: mem
 - Miss: disk
 - Avg time = hit%mem ref + (1-hit)%disk [check previous note: 11.4]

A3: Disk/File System

Create Big Data Structure

- Take dir and file and map into a disk
- Each block is a sector, fixed size