

# Lecture 40

## Filesystems

Quiz 4

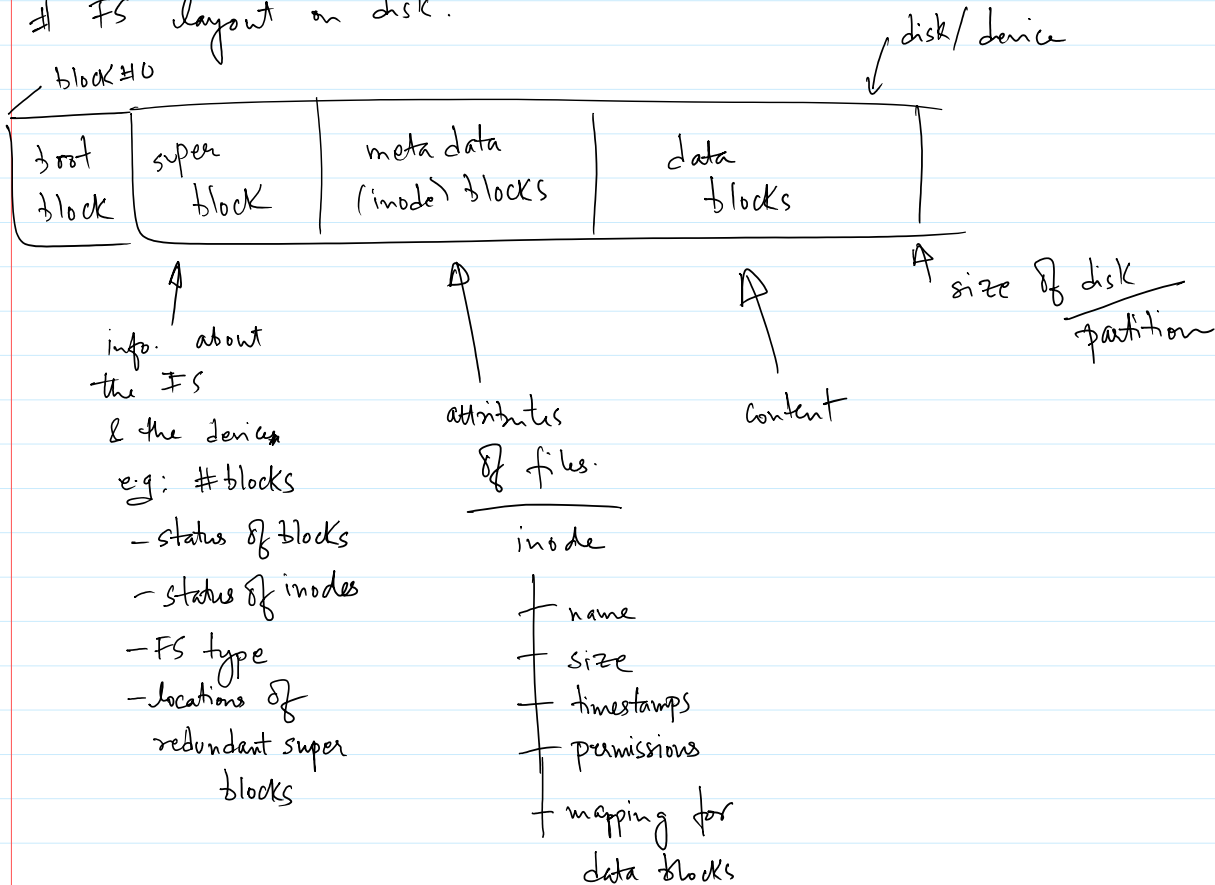
Lab Quiz 4

# two main tasks:

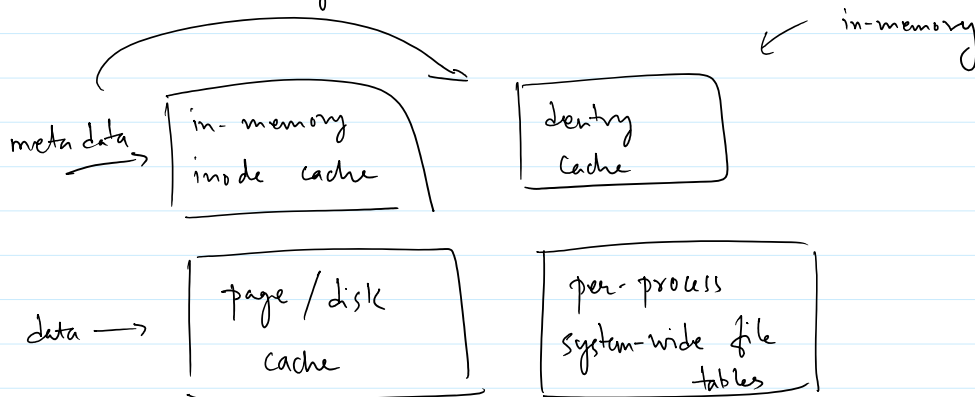
(1) to manage & organize files

(2) IO performance

# FS layout on disk.



# FS in memory



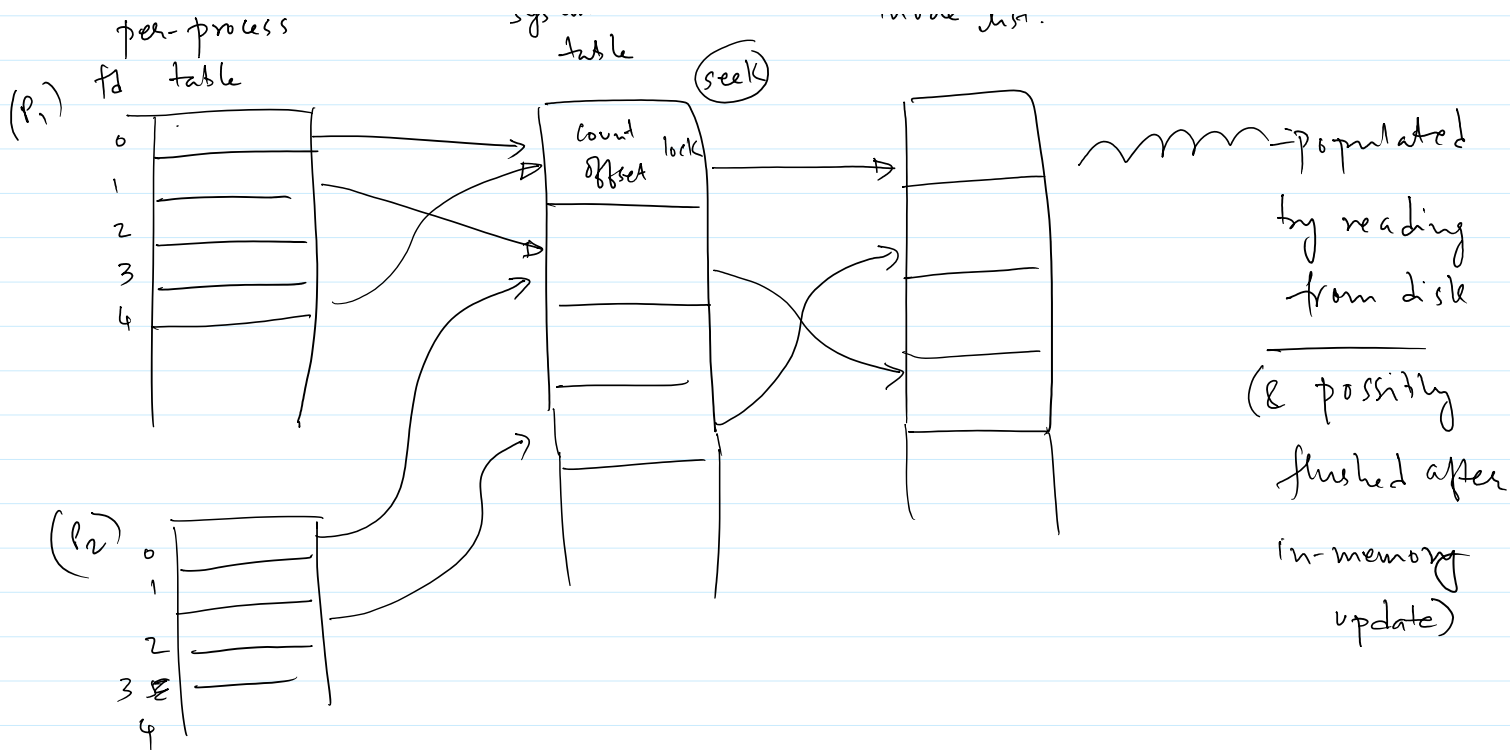
# Linux view

per-process  
fd table

system-wide  
table

(seek)

inode list.



## # mount point (directories) / dentry

- hierarchical org. of files. (files & directories)

