Simple approach

file metadata

File 1   2   3   4
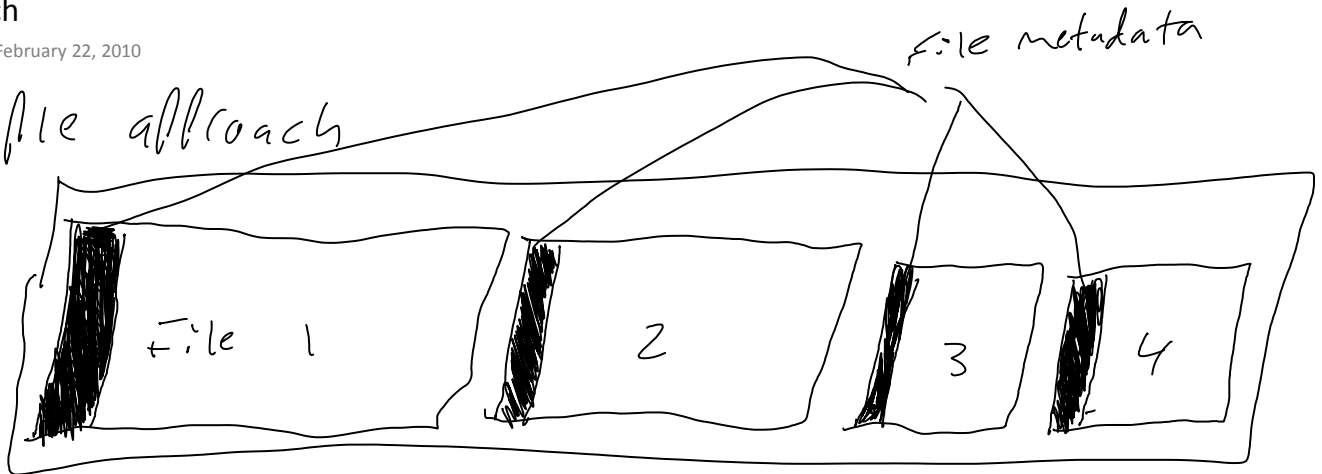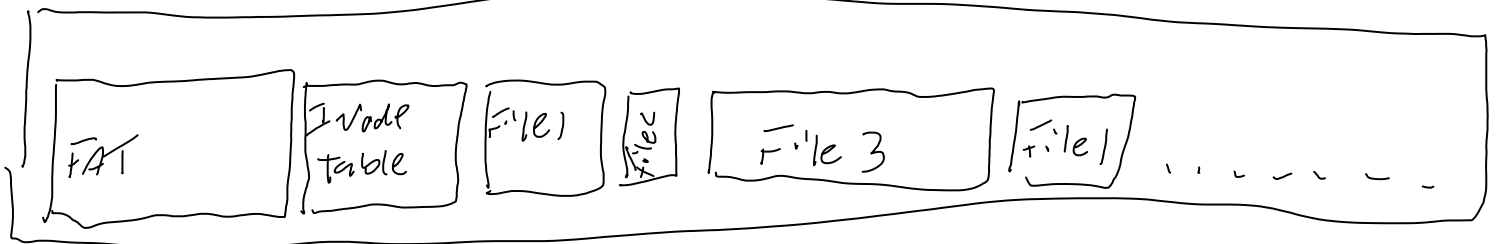
- Fixed # files @ known offsets

- Each file is no larger than it's chunk

- metadata about file @ head of chunk

FAT | Inode table | File 1 | File 2 | File 3 | File 1 | . . . .

FAT Superblock

FS size

Block size

max Fat entries

used fat entries

max inodes

used inodes

FAT start address

Inode table start address

Fat Entries

File ID

First
Inode #

INode

File id

Next inode id

Prev inode id (future, helps Seeks)

2 byte: block address

1 byte: # blocks stored