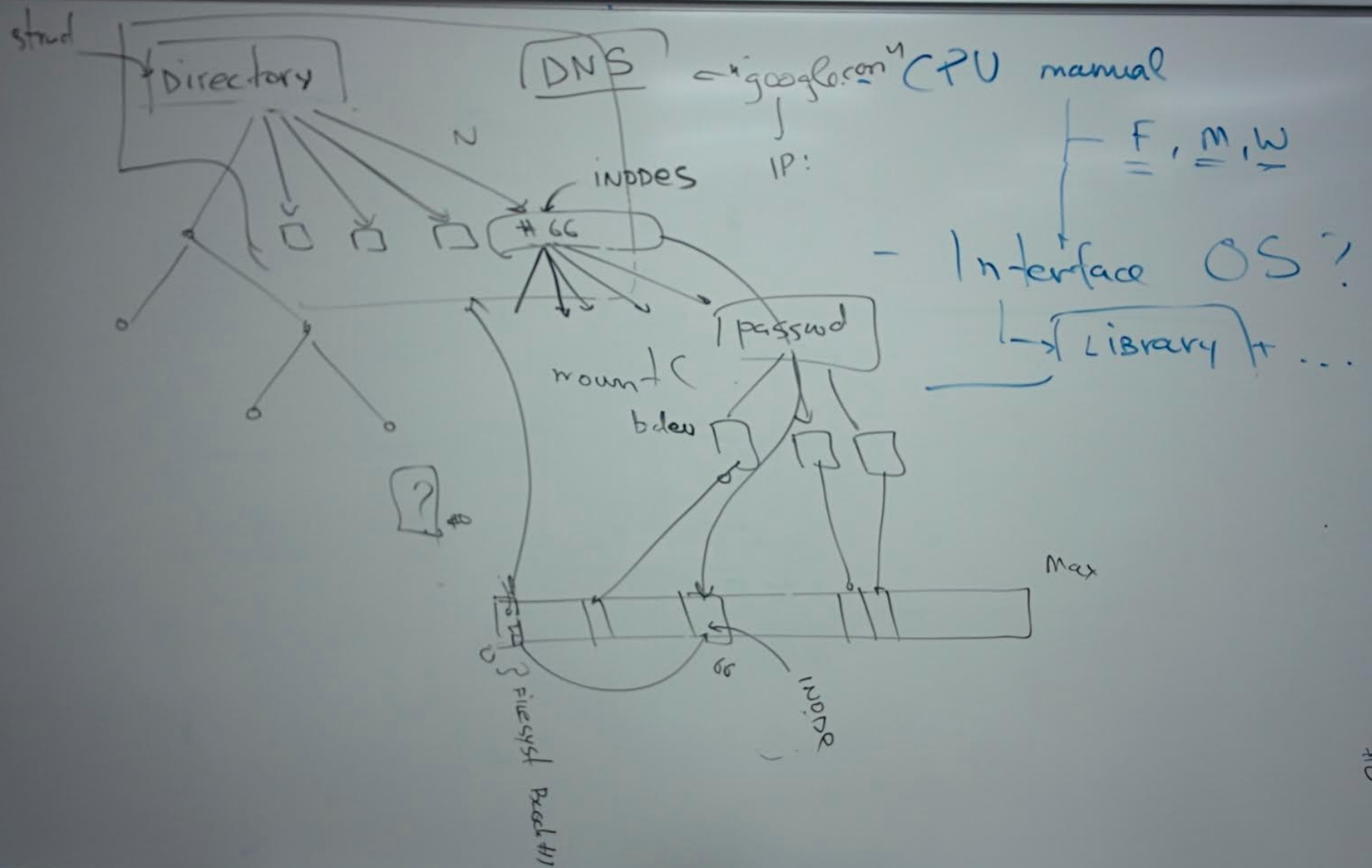# COMPSCI: Principles of Operating Systems

Lecture 2: OS Interfaces (Whiteboard Discussion)

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file

le pointe

Address v

printf

BTree

P_1 M_1 M_2

P_2

PT_{ABLES}

Address
physical

Man

"new-file.txt"

FS

file = open("/home/anton/foo.txt")
└→ Location

"end" = read (file, Location, size &buffer)

seek (file, number);

write (file, buffer, size);

close (file);

delete (file);

? → move(?)   ① → copy (from, to)
                    delete (to)

user {
  name = scanf( )
  passwd = scanf(
  → open ("/etc/passwd")
}

kernel {
  fs = mount
  fs = namei ("/etc/passwd")
}

file
passwd