

SEMINAR 6

LOW-LEVEL FILE IO

WE'VE WORKED WITH
FILE DESCRIPTORS
BUT WHAT EXACTLY ARE THEY?

FILE DESCRIPTOR
IS A **UNIQUE** IDENTIFIER
OF IO RESOURCE

**/PROC/<PID>/FD/
HOLDS INFORMATION
ABOUT AVAILABLE FILE DESCRIPTORS**

DEMO

OPEN. READ. WRITE. LSEEK

ACCESS ATTRIBUTES

00 : ---

01 : --X

02 : -W-

03 : -WX

04 : R--

05 : R-X

06 : RW-

07 : RWX

ACCESS ATTRIBUTE CONSISTS OF THREE BYTES:

OUO

- > **U** – OWNER
- > **G** – GROUP
- > **O** – OTHERS

DEMO