

SEMINAR 8

VIRTUAL MEMORY AND MMAP

IN GOOD OL' DAYS
ALL MEMORY BELONGED
TO ONE PROGRAM

NOW WE HAVE **MULTITASKING**
BUT SHARED MEMORY USAGE IS
INCONVENIENT AND DANGEROUS

SENSITIVE DATA IS NOT PROTECTED
RELATIVE ADDRESSING IS ENFORCED
MEMORY BECOMES FRAGMENTED

SOLUTION?

VIRTUAL MEMORY!

**PAGE TABLES
CAN BE MANIPULATED
USING MMAP**