System call

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Example: Linux “Write”

… printf(“Hello World\n”);…

User mode

Libc: %eax = sys_write; int 80h;

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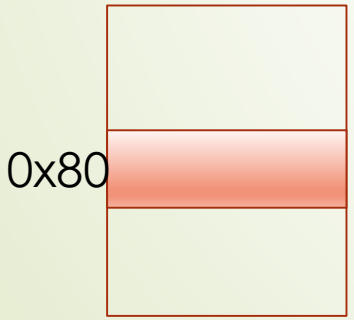
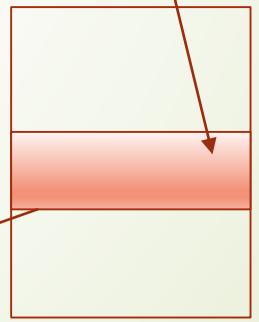
system_call () { sc = sys_call_table[%eax];}

Kernel mode



0x80

sys_write
{ //handler for write }



System Call Table

Interrupt Vector Table

How a system call happens