

COL331 PintOS System Calls

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No output of test-syscalls

syscall.c

Different syscall implemented for different number of arguments 0-3

Esp: stack pointer. Addl to make space in the stack

"The volatile keyword tells the compiler that it's not allowed to move this assembly block" from <https://stackoverflow.com/questions/14449141/the-difference-between-asm-asm-volatile-and-clobbering-memory>

Pushl: pushes the value onto the stack.

Arg2,arg1,arg0,number pushed in this order for the syscall3. Similarly for others.

Note:

I have tested my code with test-syscall.c. I haven't implemented the exiting functionality.