

# System Calls

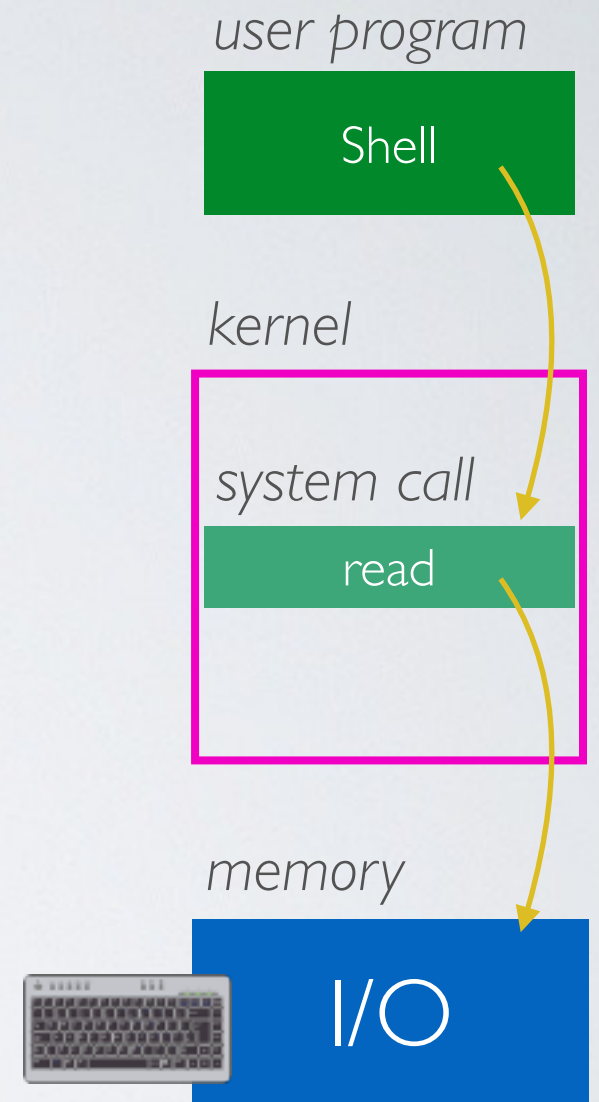
➔ Provide user programs with an API to use the services of the operating system

There are 5 categories of system calls

- Process control
- File management
- Device management
- Information/maintenance (system configuration)
- Communication (IPC)
- Protection

✓ There are 393 system calls on Linux 3.7

[http://www.cheat-sheets.org/saved-copy/Linux\\_Syscall\\_quickref.pdf](http://www.cheat-sheets.org/saved-copy/Linux_Syscall_quickref.pdf)



In reality, many (many) level of abstraction and modularity

➔ This is what makes developing OS very challenging (CSCB07)

