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3-2 Journal

My operating system of choice is macOS, the command is `ps aux`. This returns a list of different things including…  
USER  
PID  
%CPU

VSZ  
RSS  
TT  
STAT  
STARTED

TIME

COMMAND

Mach (the kernel of macOS) is what provides the thread support for the CPU. Mach keeps up with the state of the schedules. MacOS supports the round rock (RR) scheduling algorithm. MacOS has a sort of internal priority system for how it knows what processes to run first. Starting from 0(lowest) to 127(highest). According to Apple’s claims and proven track record one of the best things about mac is its memory protection. This means each process/app receives its own memory address and other applications cannot see this. This is also relatively new to the OS since back in the day Apple used global variables which is unsafe from a memory perspective. I’ve also linked below a reference for some of this information as well as so much more I could speak about, but without wanting to copy from this article I have linked it below.   
  
References:

*Apple’s Macintosh OSX Panther - James Madison University*. (n.d.). Retrieved January 20, 2022, from https://users.cs.jmu.edu/abzugcx/Public/Student-Produced-Term-Projects/Operating-Systems-2003-FALL/MacOSX-by-Tomomi-Kotera-2003-Fall.doc