

EP Scheduler

This is the external priorities scheduler. It schedules processes based on their priorities (the Highest priority gets scheduled next). In this case, the process with the lowest PID is the one that is next to be scheduled.

RR Scheduler

This is the Round-Robin scheduler. It gives every process in the ready queue a time quantum of 100ms. If a process exceeds its time quantum, it is pre-empted and put back in the ready queue.

EP_RR Scheduler

This scheduler combines both round-robin and external priorities. When the CPU is idle it selects the process with the smallest pid and gives it a time quantum of 100ms.

Part 1 Repository

https://github.com/Crutiu45/SYSC4001_A3_P1.git

Part 2 Repository

https://github.com/Crutiu45/SYSC4001_A3_P2.git