

# Process Scheduling In Linux

A preemptive, priority-based algorithm with two separate priority ranges:

1. **real-time** range (0 ~ 99), for tasks where absolute priorities are more important than fairness
2. **nice value** range (100 ~ 139), for fair preemptive scheduling among multiple processes

<u>numeric priority</u>	<u>relative priority</u>		<u>time quantum</u>
0	highest	real-time tasks	200 ms
•			
•			
•			
99			
100	lowest	other tasks	10 ms
•			
•			
•			
139			