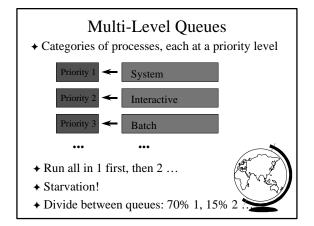
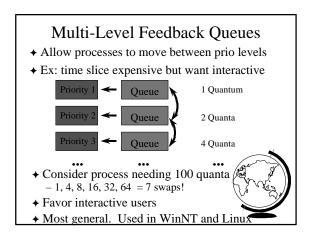
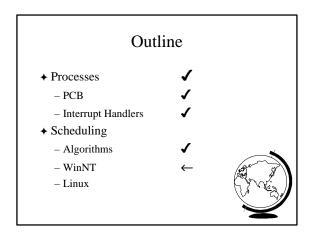


More Fun with Scheduling		
Process	Arrival Time	Burst Time
А	0.0	8
В	0.4	4
С	1.0	1
 ◆ Turn around time: – FCFS – SJF – q=1 CPU idle – q=0.5 CPU idle 		A CONTRACT OF A

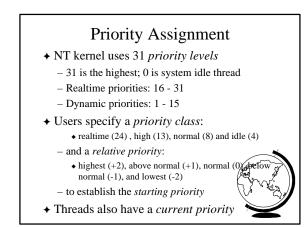


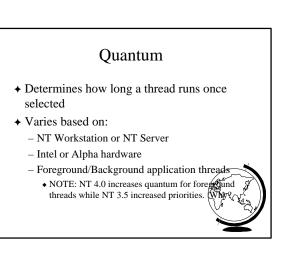


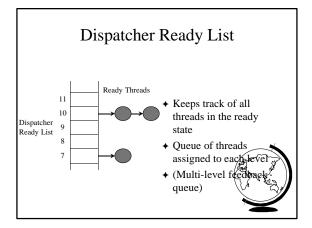


Windows NT Scheduling

- Basic scheduling unit is a thread
 For now, just think of a thread as a process
- ✦ Priority based scheduling per thread
- + Preemptive operating system
- + No shortest job first, no quotas

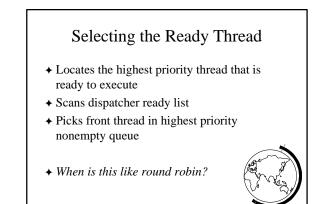


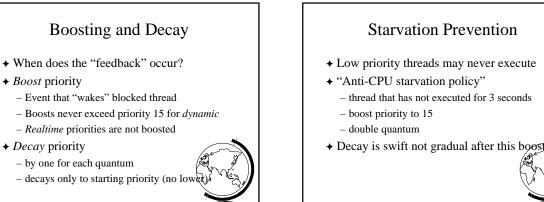


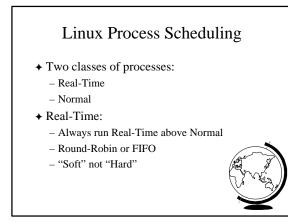


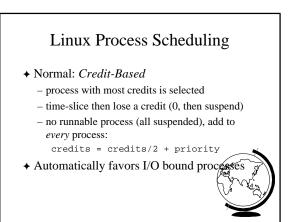
♦ Boost priority

✦ Decay priority









Questions

- ✦ True or False:
 - FCFS is optimal in terms of avg waiting time
 - Most processes are CPU bound
 - $-% \left(T^{\prime}\right) =0$. The shorter the time quantum, the better
- ♦ What is the *idle thread*? Where did we see it?

