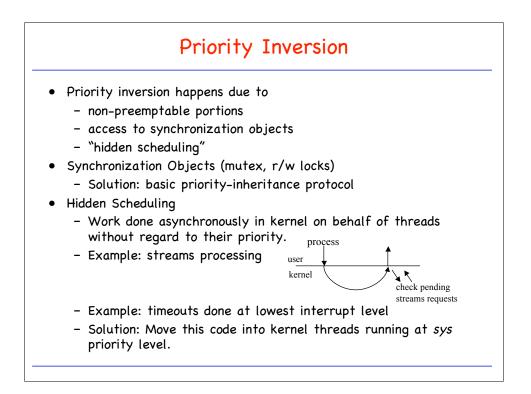
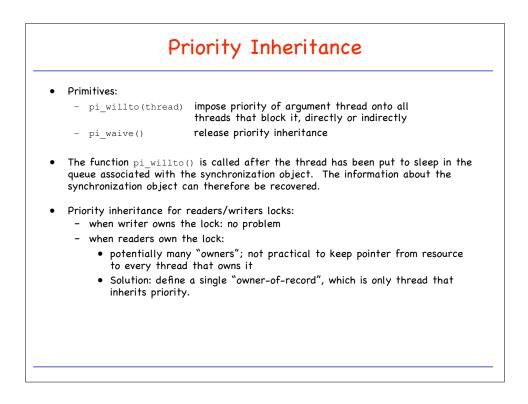
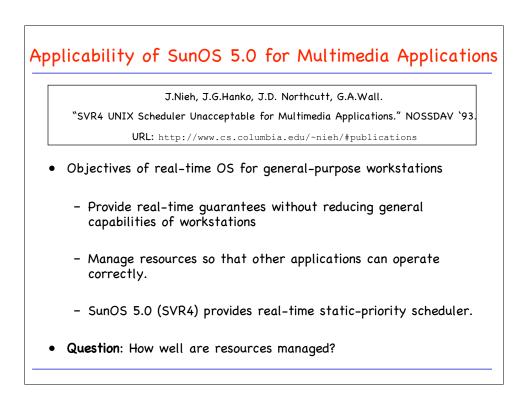
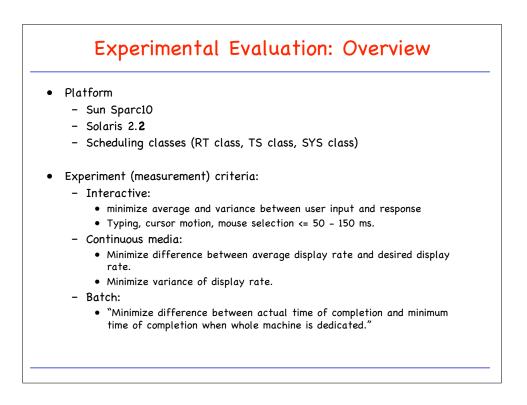


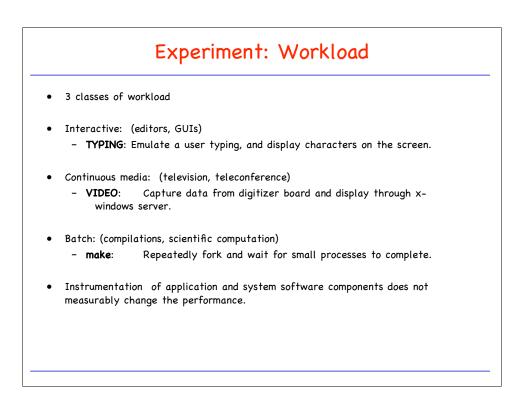
<ul> <li>setfrontdq()</li> </ul>	put thread in dispatch queue
<ul> <li>setbackdq()</li> </ul>	(when thread is preempted)
• cpu_choose()	find CPU on which runnable thread might be dispatched
• cpu_surrender()	give up CPU when priority is lowered
• disp()	select a thread for execution from the dispatch queue (used by swtch)
• swtch()	select highest-priority thread for execution if none is found, returns idle thread modifies many per-processor variables
<ul> <li>kpreempt()</li> </ul>	attempt to preempt kernel
<ul> <li>kpreempt_disable</li> </ul>	() disable preemption for critical interval
<ul> <li>kpreempt_enable(</li> </ul>	) reenable preemption











Application	Measurement	Mean	Std. Dev.
Typing	Latency between character arrival and rendering to frame buffer	38.5 ms	15.7 ms
Video	Time between display of successive frames	112 ms	9.75 ms
Compute	Time to execute one loop iteration	149 ms	6.79 ms
	Table: Application Baseline	e Values	
	a wall behaved system?		
What is	a well-behaved system?		

