Processing (threads, agents, formalism)

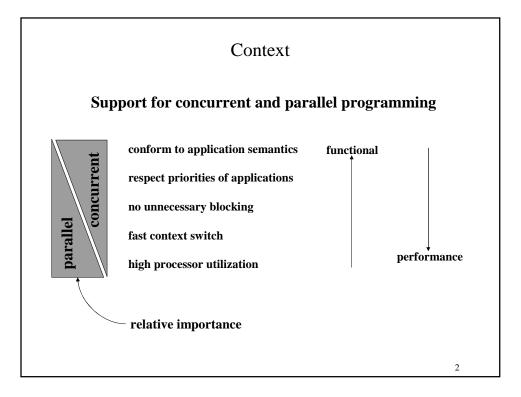
How can processing activity be structured on a single processor?

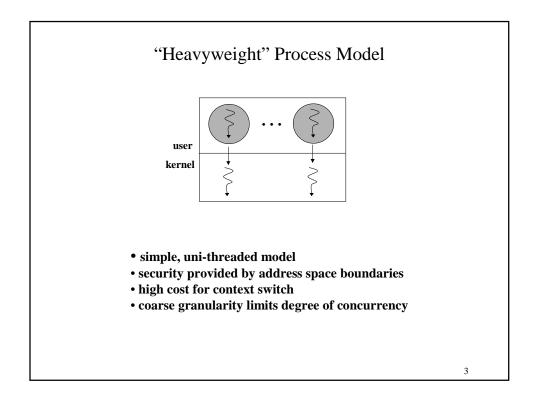
How can application-level information and system-level information be combined to provide efficient scheduling of processing activities?

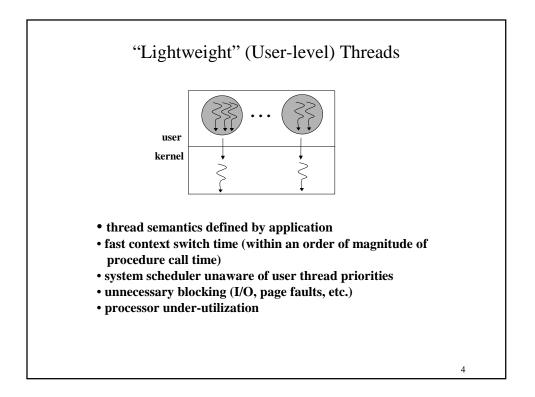
Why is mobility of a processing activity desired and how can it be achieved?

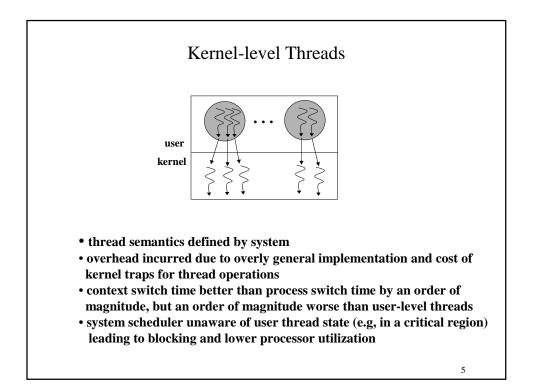
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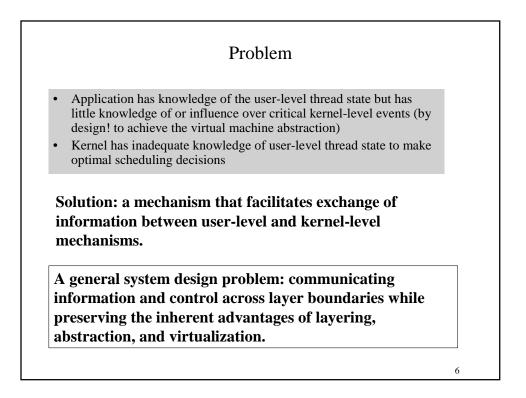
How can the concepts of communication, processing, and mobility be represented in a formal model?

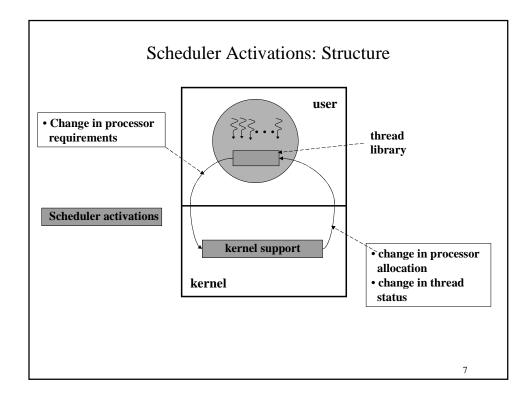


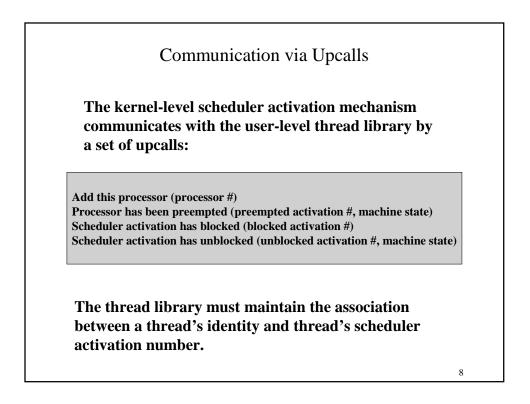


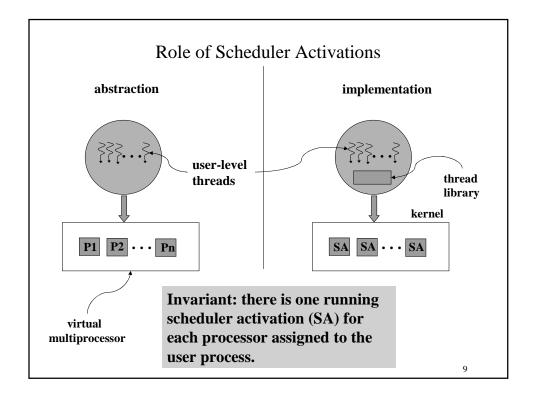


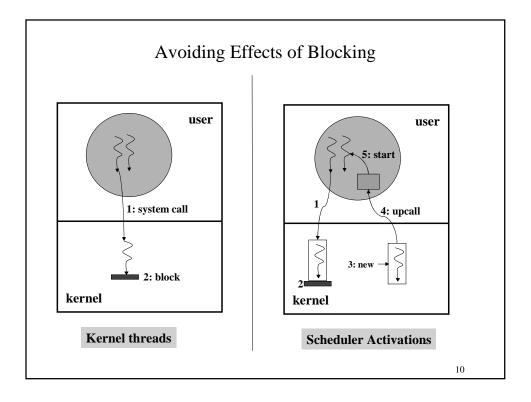


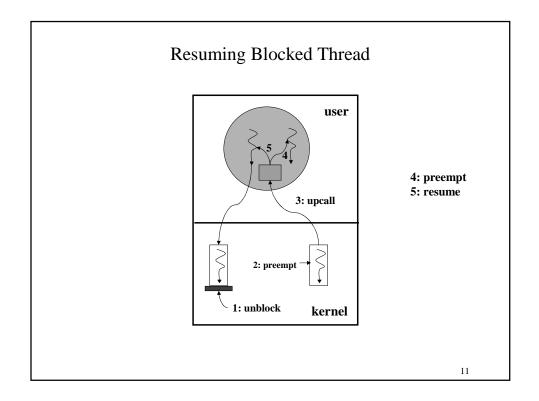












Performance				
Operation	FastThreads on Topaz Threads	FastThreads on Scheduler Activations	Topaz Threads	Ultrix process
Null fork	34	37	948	11300
Signal-Wait	37	42	441	1840
				12