Systems Software, Loca Longnotti
shared memory VS message possing (MPT, sackets fex.), Pipes -mailbox or direct
non-preemptive: process changes to waiting or exits, ideantary relinquish of CPO time preemptive: there are situations where the running process gets deschedued, informer of others (ie. interropt serving, higher priority,) (context switch)
FCFS: First Come first Served, AFO Scheduling SSF: Shortest Job First > SRT: Shortest Remaining Time, preemptive SSF RR: Round Robin, time-sikes, everyone gets them
Priority Scheduling / Multilevel Queues (w/feedback, chang of levels) Locks / Semaphones / Critical Sections Amdahl's Law 1/4-17+ 1/2 > R. Parallel % Deadlock + Mutual Exclusion, Hold and Wait, No Freempthon, Circular Wait
Kesource Allocation Graph: Offices, @ Resource (oinstances), 1 request & holds resource
Translation/Linking/Loading Logical (CPU) VS Physical (effective momony/RAM)
First Fit / Best Fit / West Fit
permits non-configures physical memory
Inverted Page Tables (p V Page Tables / Hash-based & Page Table
Virtual Hemory: who available land with particular permissions and roles
Page Replacement (swap out marchine more sale fort and Ed III)
- Cotimal Replacement (mult)
- Second Chance (FIFO W Reference Tracking bit to first evict never used) -LFU (Least Frequently Used) ? combine to and
-MFU (Most Frequently Used) &