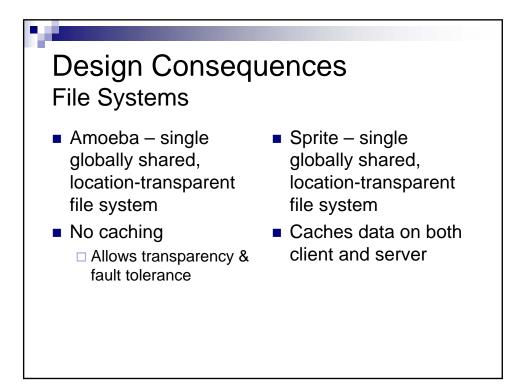
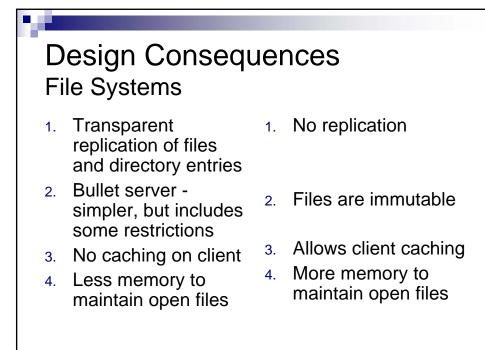
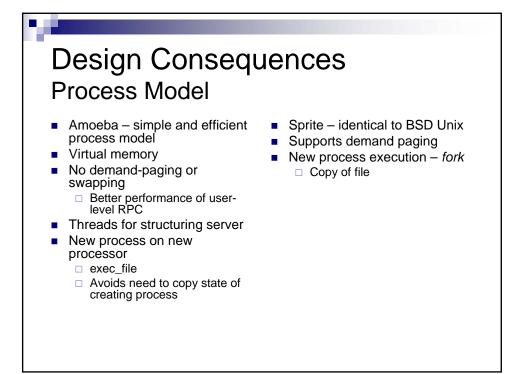


Design co	nseq	uence		
Communicat	ion Me	chanisn	n	
	Size	Kernel-level Latency (msec)		
	(Bytes)	Amoeba	Sprite	
	0	1.1	1.9	
	16384	20.0	19.5	
	30000	36.0		
		(a)		
	Size	(m		
	(Bytes)	Amoeba	Sprite	
	0	1.2	7.9	
	16384	21.0	33.5	
	30000	36.0	62.8	
		(b)		

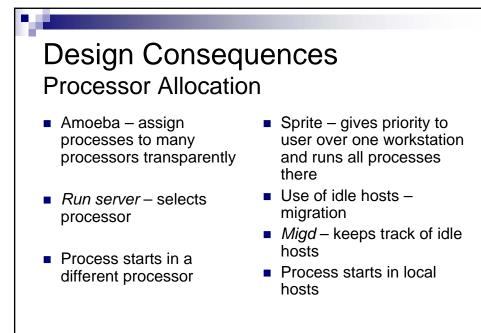




esign		sequ	ences)		
	Amo	eba/Sprite	Comparison			
0		Delay (msec)				
Opera	Operation		Amoeba		Sprite	
anon alogo	foo	7.2		9.7		
open-close	a/b/c/foo	7.6		10.4		
				CACHE	NOCACHE	
read	10 Kbytes		14.0	2.8	18.6	
	100 Kbytes	123.0		21.7	167.4	
		BULLET	BULLET/DIR	CACHE	NOCACHE	
create-delete	no data	33.0	288.0	50.9	50.9	
create-delete	10 Kbytes	86.0	312.0	67.1	84.9	
	100 Kbytes	367.0	617.0	101.4	411.1	



•	yn Consequ ss Model	iences	5	
		Time (msec)		
	Operation	Amoeba	Sprite	
	Context switch	0.5	1.6	
	Thread creation	2.4	(12.5)	
	fork	(169.5)	13.6	
	Program invocation	58.0	71.6	



esign Consequ			
Operation	Time (
Operation	Amoeba	Sprite	
Local	58	72	
Remote (specified)	84	116	
Remote (unspecified)	95	131	

