



















 FFS: Performance This was a long time ago – look at the relative performance, not the absolute performance! 						
	Type of	Processor and		Read		
	File System	Bus Measured	Speed	Bandwidth	% CPU	
	old 1024	750/UNIBUS	29 Kbytes/sec	29/983 3%	11%	(000)/(D/a ia
	new 4096/1024	750/UNIBUS	221 Kbytes/sec	221/983 22%	43%	(983KB/s is theoretical
	new 8192/1024	750/UNIBUS	233 Kbytes/sec	233/983 24%	29%	disk
	new 4096/1024	750/MASSBUS	466 Kbytes/sec	466/983 47%	73%	throughput)
	new 8192/1024	750/MASSBUS	466 Kbytes/sec	466/983 47%	54%	anoughputy
(block size / fragment size) Table 2a - Reading rates of the old and new UNIX file systems.						
	Type of	Processor and		Write		
	File System	Bus Measured	Speed	Bandwidth	% CPU	
	old 1024	750/UNIBUS	48 Kbytes/sec	48/983 5%	29%	
	new 4096/1024	750/UNIBUS	142 Kbytes/sec	142/983 14%	43%	
	new 8192/1024	750/UNIBUS	215 Kbytes/sec	215/983 22%	46%	(CPU maxed
	new 4096/1024	750/MASSBUS	323 Kbytes/sec	323/983 33%	94%	doing block
	new 8192/1024	750/MASSBUS	466 Kbytes/sec	466/983 47%	95%	allocation!)
Table 2b – Writing rates of the old and new UNIX file systems.						
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