

Time prediction for new file system :

Present (2.2 B) System

	seconds
Page Fault Time	164
Sog fault Time	16 + 10 of p-f.
Link	34 + 19 of p-f.
Wall	13 + 6 of p-f.
Interrupts	14
User.	$\frac{212}{454} + 129 \text{ of p-f.}$

assume $\equiv \begin{cases} 106 + 64 \text{ of p-f. in user area.} \\ 106 + 64 \text{ of p-f. in file system calls} \end{cases}$

Predicted System with File System 3 times faster.
(Presume also $\frac{1}{3}$ in many page faults.)

S.F. Time	5 + 1	
Link	12 + 2	
Wall	13 + 2	Total = 217
Int.	14	
User.	106 + 21	
P.F. Time	$34 + \frac{7}{33}$	