

From uhclem Thu Sep 13 15:18:29 1984
To: xenix
Subject: Serial Benchmarks for the week
Sent: Thu Sep 6 1984, 15:12:24 CDT

Here is the Serial Benchmarks as of 16:00 on Thursday 13-Sep-84.

	waits	no/w	waits	no/w	no/w
	1.3.2	1.3.2	1.3.3++	1.3.3++	Current
Test 1	312	294	251	241	214
(delta)		+18	+61	+71	+98
					(seconds)
					~27.2% faster
Test 2	270	253	223	211	189
(delta)		+17	+47	+59	+81
					(seconds)
					~25.2% faster
Test 3	561	568	587	690	700
(delta)		-7	-26	-29	-39
					(seconds)
					~5.5% slower
Test 4	269	253	222	209	188
(delta)		+16	+47	+60	+81
					(seconds)
					~25.5% faster

waits = 2 wait states per Z80 opcode fetch
no/w = no wait states (on the Z80 side). all tests on "HandsOff"
1.3.3+ is new serial code, larger fifo, new Z80 clock, and 68k clock fudge
1.3.3++ is the same as 1.3.3+ with new video from Tom B.
Current is more changes in the serial section, including all of the above.

(These are the same tests as last time. I am listing them again for those new to the group.)

- Test 1 is /bin/time cat /usr/dict/words
- Test 2 is /bin/time cat test.file
(test.file is created via: cat /usr/dict/word | tr '\012' ' ' >& test.file)
- Test 3 is /bin/time cat /usr/dict/words | tr '\012' '\011'
(Hopefully the next set of Benchmarks will have a better disk interleave and will make test 3 look less silly.)
- Test 4 is /bin/time cat tab.file
(tab.file is created via: cat /usr/dict/word | tr '\012' '\011' >& tab.file)

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