

MPL-20

July 1, 1969

TO: Multics Performance Log
FROM: A. Sekino
SUBJECT: PDP-8 Users Simulator Results

The Fortran script created recently was run twice on Multics by the PDP-8 users simulator. This script includes a FORTRAN program which computes and prints out the 150th prime number.

Experiment:

Done on June 25, 1969
System 3.0.11
12 users were on the system
Think time 30 seconds

MOUT10

12 users

6/25/69

3.0.11

***** MULTICS PERFORMANCE ANALYSIS *****

USER NO	COMMAND	WAIT TIME	CPU TIME	NO OF P.F.
0	login		12.978	442
	edm	1504:49.1	11.485	728
	fortran	1514:43.1	10.312	447
	edm	1517:34.7	6.273	442
	fortran	1522:01.5	5.744	207
	rename	1523:32.1	4.728	257
	print	1525:00.7	2.594	157
	a_prime\$prime	1526:02.1	4.217	187
	list	1527:17.7	2.011	100
	setacl	1528:00.4	3.220	178
	remove	1528:46.9	2.540	130
	edm	1529:34.6	7.992	587
	fortran	1539:07.8	5.683	259
	edm	1540:17.8	3.304	228
	fortran	1544:14.2	5.401	199
	rename	1545:04.1	2.062	93
	print	1545:44.5	1.564	95
	b_prime\$prime	1546:40.5	3.029	137
	list	1548:01.5	1.614	90
	setacl	1548:56.2	1.966	125
	remove	1549:39.2	2.208	118
	logout	1550:11.4		

***** SUMMARY *****

USER NO	TOTAL CPU TIME	TOTAL REAL TIME	TOTAL NO OF P.F.	NO OF INTER-ACTIONS	AVERAGE CPU TIME	AVERAGE WAIT TIME	AVERAGE NO OF P.F.
USER 0	1014.7 87.947	2702	4764	46	22.0 1.911		103

05057

MOUTII
12 users
6/25/69

***** MULTICS PERFORMANCE ANALYSIS *****

USER NO COMMAND WAIT TIME CPU TIME NO OF P.F.

3.0.11

0	login		11.149	309
	edm	1630:53.8	9.714	628
	fortran	1640:44.3	10.605	516
	edm	1642:36.7	4.460	354
	fortran	1646:44.7	5.444	208
	rename	1647:40.2	4.916	282
	print	1648:48.9	1.846	116
	a_prime\$prime	1649:47.5	4.631	282
	list	1651:02.6	2.059	113
	setacl	1651:45.5	3.187	188
	remove	1652:29.8	2.152	93
	edm	1653:16.1	8.103	607
	fortran	1703:06.4	7.093	360
	edm	1705:24.3	4.982	371
	fortran	1709:32.0	6.431	300
	rename	1711:08.3	2.153	101
	print	1711:58.7	1.882	120
	b_prime\$prime	1712:56.9	3.659	176
	list	1714:12.5	1.655	101
	setacl	1714:59.4	1.783	122
	remove	1715:40.8	2.239	110
	logout	1716:08.7		

***** SUMMARY *****

USER NO	TOTAL CPU TIME	TOTAL REAL TIME	TOTAL NO OF P.F.	NO OF INTER-ACTIONS	AVERAGE CPU TIME	AVERAGE WAIT TIME	AVERAGE NO OF P.F.
USER 0	1059.4 88.994	2695	5148	46	23.0 1.934	1.934	111

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