

出張準備

予定を変更して、急遽 e 社に出社することにして、
いくつかの仕事と、RECONF 研出張の準備などをバタバタと。

ultra96

そういえばとってなかったな、と UnixBench など。

BYTE UNIX Benchmarks (Version 5.1.3)

System: Ultra96: GNU/Linux
OS: GNU/Linux -- 4.9.0-xilinx-v2017.3 -- #1 SMP Mon Feb 26 16:39:28 PST 2018
Machine: aarch64 (aarch64)
Language: en_US.utf8 (charmap="ANSI_X3.4-1968", collate="ANSI_X3.4-1968")
21:48pm up 0:02, 3 users, load average: 0.13, 0.17, 0.08; runlevel Mar

Benchmark Run: Tue Mar 27 2018 21:48:34 - 22:18:24
4 CPUs in system; running 1 parallel copy of tests

Dhrystone 2 using register variables	6472654.5	lps	(10.0 s, 7 samples)
Double-Precision Whetstone	1125.8	MWIPS	(10.0 s, 7 samples)
ExecI Throughput	1819.2	lps	(29.7 s, 2 samples)
File Copy 1024 bufsize 2000 maxblocks	187920.7	KBps	(30.0 s, 2 samples)
File Copy 256 bufsize 500 maxblocks	60037.3	KBps	(30.0 s, 2 samples)
File Copy 4096 bufsize 8000 maxblocks	387015.4	KBps	(30.0 s, 2 samples)
Pipe Throughput	548627.5	lps	(10.0 s, 7 samples)
Pipe-based Context Switching	75867.4	lps	(10.0 s, 7 samples)
Process Creation	4448.2	lps	(30.0 s, 2 samples)
Shell Scripts (1 concurrent)	2860.1	lpm	(60.0 s, 2 samples)
Shell Scripts (8 concurrent)	853.2	lpm	(60.1 s, 2 samples)
System Call Overhead	1000596.5	lps	(10.0 s, 7 samples)

System Benchmarks Index Values	BASELINE	RESULT	INDEX
Dhrystone 2 using register variables	116700.0	6472654.5	554.6
Double-Precision Whetstone	55.0	1125.8	204.7
ExecI Throughput	43.0	1819.2	423.1
File Copy 1024 bufsize 2000 maxblocks	3960.0	187920.7	474.5
File Copy 256 bufsize 500 maxblocks	1655.0	60037.3	362.8
File Copy 4096 bufsize 8000 maxblocks	5800.0	387015.4	667.3
Pipe Throughput	12440.0	548627.5	441.0
Pipe-based Context Switching	4000.0	75867.4	189.7
Process Creation	126.0	4448.2	353.0
Shell Scripts (1 concurrent)	42.4	2860.1	674.5
Shell Scripts (8 concurrent)	6.0	853.2	1421.9
System Call Overhead	15000.0	1000596.5	667.1

System Benchmarks Index Score =====
465.8

Benchmark Run: Tue Mar 27 2018 22:18:24 - 22:48:46
4 CPUs in system; running 4 parallel copies of tests

Dhrystone 2 using register variables	25859107.3	lps	(10.0 s, 7 samples)
Double-Precision Whetstone	4499.2	MWIPS	(10.0 s, 7 samples)
ExecI Throughput	6473.4	lps	(29.3 s, 2 samples)
File Copy 1024 bufsize 2000 maxblocks	306241.9	KBps	(30.0 s, 2 samples)
File Copy 256 bufsize 500 maxblocks	86544.0	KBps	(30.0 s, 2 samples)
File Copy 4096 bufsize 8000 maxblocks	819296.0	KBps	(30.0 s, 2 samples)
Pipe Throughput	2186178.0	lps	(10.0 s, 7 samples)
Pipe-based Context Switching	422162.3	lps	(10.0 s, 7 samples)
Process Creation	12824.9	lps	(30.0 s, 2 samples)
Shell Scripts (1 concurrent)	6737.4	lpm	(60.0 s, 2 samples)
Shell Scripts (8 concurrent)	904.9	lpm	(60.1 s, 2 samples)
System Call Overhead	3776028.0	lps	(10.0 s, 7 samples)

System Benchmarks Index Values	BASELINE	RESULT	INDEX
Dhrystone 2 using register variables	116700.0	25859107.3	2215.9
Double-Precision Whetstone	55.0	4499.2	818.0
ExecI Throughput	43.0	6473.4	1505.5
File Copy 1024 bufsize 2000 maxblocks	3960.0	306241.9	773.3
File Copy 256 bufsize 500 maxblocks	1655.0	86544.0	522.9
File Copy 4096 bufsize 8000 maxblocks	5800.0	819296.0	1412.6
Pipe Throughput	12440.0	2186178.0	1757.4
Pipe-based Context Switching	4000.0	422162.3	1055.4
Process Creation	126.0	12824.9	1017.8
Shell Scripts (1 concurrent)	42.4	6737.4	1589.0

Shell Scripts (8 concurrent)	6.0	904.9	1508.1
System Call Overhead	15000.0	3776028.0	2517.4
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System Benchmarks Index Score			1270.9