

Benchmark of raspberrypi / GNU/Linux on Mon Mar 21 2016

BYTE UNIX Benchmarks (Version 5.1.3)

Test System Information

System:	raspberrypi: GNU/Linux		
OS:	GNU/Linux -- 4.1.18-v7+ -- #846 SMP Thu Feb 25 14:22:53 GMT 2016		
Machine:	armv7l: unknown		
Language:	en_US.utf8 (charmap="ANSI_X3.4-1968", collate="ANSI_X3.4-1968")		
CPUs:	0:	ARMv7 Processor rev 4 (v7l) (0.0 bogomips)	
	1:	ARMv7 Processor rev 4 (v7l) (0.0 bogomips)	
	2:	ARMv7 Processor rev 4 (v7l) (0.0 bogomips)	
	3:	ARMv7 Processor rev 4 (v7l) (0.0 bogomips)	
Uptime:	09:33:28 up 12 min, 2 users, load average: 0.24, 0.23, 0.14; runlevel 5		

Benchmark Run: 4 CPUs; 1 parallel process

Time: 09:33:28 - 10:01:25; 27m 57s

System Benchmarks

Test	Score	Unit	Time	Iters.	Baseline	Index
Dhrystone 2 using register variables	3815989.7	lps	10.0 s	7	116700.0	327.0
Double-Precision Whetstone	610.1	MWIPS	8.4 s	7	55.0	110.9
Execl Throughput	471.2	lps	29.9 s	2	43.0	109.6
File Copy 1024 bufsize 2000 maxblocks	93498.0	KBps	30.0 s	2	3960.0	236.1
File Copy 256 bufsize 500 maxblocks	27238.1	KBps	30.0 s	2	1655.0	164.6
File Copy 4096 bufsize 8000 maxblocks	214151.7	KBps	30.0 s	2	5800.0	369.2
Pipe Throughput	193869.5	lps	10.0 s	7	12440.0	155.8
Pipe-based Context Switching	42830.4	lps	10.0 s	7	4000.0	107.1
Process Creation	1323.9	lps	30.0 s	2	126.0	105.1
Shell Scripts (1 concurrent)	1212.0	lpm	60.0 s	2	42.4	285.8
Shell Scripts (8 concurrent)	332.9	lpm	60.1 s	2	6.0	554.8
System Call Overhead	423928.1	lps	10.0 s	7	15000.0	282.6
System Benchmarks Index Score:						201.5

Benchmark Run: 4 CPUs; 4 parallel processes

Time: 10:01:25 - 10:29:35; 28m 10s

System Benchmarks

Test	Score	Unit	Time	Iters.	Baseline	Index
Dhrystone 2 using register variables	8712114.8	lps	10.0 s	7	116700.0	746.5
Double-Precision Whetstone	1469.4	MWIPS	10.0 s	7	55.0	267.2
Execl Throughput	1291.4	lps	29.9 s	2	43.0	300.3
File Copy 1024 bufsize 2000 maxblocks	126365.7	KBps	30.0 s	2	3960.0	319.1
File Copy 256 bufsize 500 maxblocks	34284.5	KBps	30.0 s	2	1655.0	207.2
File Copy 4096 bufsize 8000 maxblocks	343390.6	KBps	30.0 s	2	5800.0	592.1
Pipe Throughput	634385.1	lps	10.0 s	7	12440.0	510.0
Pipe-based Context Switching	124651.8	lps	10.0 s	7	4000.0	311.6
Process Creation	2839.4	lps	30.0 s	2	126.0	225.4
Shell Scripts (1 concurrent)	2649.4	lpm	60.1 s	2	42.4	624.9
Shell Scripts (8 concurrent)	352.9	lpm	60.3 s	2	6.0	588.1
System Call Overhead	1303996.2	lps	10.0 s	7	15000.0	869.3
System Benchmarks Index Score:						415.9

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