
Subject: Re: Q: IDL benchmarks
Posted by [watsr](#) on Mon, 26 Feb 1996 08:00:00 GMT
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Running PV-WAVE CL Version 5.00 (sgi IRIX mipseb) on an SG Indy
with 100MHz R4400 and 144Mb time_test gives this ...

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1 0.156311 Empty For loop, 10,000 times
2 0.467805 Call empty procedure (1 param) 10000 times
3 0.142651 Add 10,000 integer scalars and store
4 0.241405 5000 scalar arithmetic loops
5 0.0721331 Mult 512 by 512 byte by constant and store
6 0.0324579 Shift 512 by 512 byte and store
7 0.0448910 Add a constant to a 512 by 512 byte array and store
8 0.0431681 Add two 512 by 512 byte images and store
9 0.318135 Mult 512 by 512 floating by constant and store
10 0.0612410 Shift 512 by 512 floating and store
11 0.0830290 Add a constant to a 512 by 512 floating array and store
12 0.326699 Add two 512 by 512 floating images and store
13 0.0674850 Invert a 50 by 50 random matrix
14 1.18785 Transpose 256 x 256 byte, FOR loops
15 0.133863 Transpose 256 x 256 byte, row and column ops
16 0.0236490 Transpose 256 x 256 byte, transpose
17 0.0209789 Log of 10000 numbers, vector ops
18 0.321045 Log of 10000 numbers, FOR loop
19 0.00391400 Add two 10000 element floating vectors, vector op
20 0.267292 Add two 10000 element floating vectors, FOR loop
21 0.0432030 8192 point real to complex FFT
22 0.372203 Smooth 512 by 512 byte array, 5x5 boxcar
23 0.256296 Smooth 512 by 512 floating array, 5x5 boxcar
24 0.186448 Write and read 10 512 by 512 byte arrays
4.87416 Total Time
0.10921606 Geometric mean, 24 tests.
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posted out of interest ...

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Robert J Watson. "When in a hole... stop digging ..."
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