
Subject: Re: Q: IDL benchmarks
Posted by [mahan](#) on Thu, 29 Feb 1996 08:00:00 GMT
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To add to the benchmarks, here are the Results that I get on my notebook.

Toshiba 405CS: 75Mhz Pentium w/ 40MB RAM running win95 & IDL 4.0.1

For time_test I get:

13.9400=Total Time, 0.47373837=Geometric mean, 23 tests.

and for time_test2 I get (all times shown):

```
IDL> time_test2
  1  1.10000
Empty For loop, 2000000 times
  2  0.930000
Call empty procedure (1 param) 100,000 times
  3  0.830000
Add 100,000 integer scalars and store
  4  0.660000
25,000 scalar loops each of 5 ops, 2 =, 1 if)
  5  0.650000
Mult 512 by 512 byte by constant and store, 10 times
  6  2.42000
Shift 512 by 512 byte and store, 100 times
  7  1.92000
Add constant to 512 x 512 byte array and store, 50 times
  8  1.21000
Add two 512 by 512 byte images and store, 30 times
  9  2.30000
Mult 512 by 512 floating by constant and store, 30 times
 10  2.20000
Add constant to 512 x 512 floating and store, 30 times
 11  2.69000
Add two 512 by 512 floating images and store, 30 times
 12  0.330000
Generate 225000 random numbers
 13  0.820000
Invert a 150 by 150 random matrix
 14  0.220000
LU Decomposition of a 150 by 150 random matrix
 15  0.770000
Transpose 256 x 256 byte, FOR loops
 16  0.170000
Transpose 256 x 256 byte, row and column ops
 17  0.0500000
```

Transpose 256 x 256 byte, transpose function

18 2.15000

Log of 100,000 numbers, FOR loop

19 0.490000

Log of 100,000 numbers, vector ops

20 2.75000

131072 point forward plus inverse FFT

21 3.13000

Smooth 512 by 512 byte array, 5x5 boxcar, 10 times

22 0.380000

Smooth 512 by 512 floating array, 5x5 boxcar, 2 times

23 0.710000

Write and read 512 by 512 byte array x 20

28.8800=Total Time,

0.85407678=Geometric mean, 23

tests.

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