Subject: Re: speed comparison of IDL, numPy, Matlab Posted by Gavrie on Mon, 12 Feb 2001 12:19:48 GMT

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In article <3A7EEE5C.6419B707@pacific.jpl.nasa.gov>, Benyang Tang

 btang@pacific.jpl.nasa.gov> wrote:

[...]

- * Machine: a dual Intel Xeon 550 MHz box with 1GB ram, running RedHat Linux
- > 6.2. The machine was not doing any serious service, so the test code should
- > have had close to 100% of the resources.

Well, I don't know how you got these results on a dual Xeon 550 with 1G of RAM.

I ran the same benchmarks on a dual PIII-550 with 256MB of RAM, and got:

> python:

multiplication of 100X100 matrixes takes 0.02 multiplication of 200X200 matrixes takes 0.20 multiplication of 300X300 matrixes takes 1.07 multiplication of 400X400 matrixes takes 2.81 multiplication of 500X500 matrixes takes 5.49 multiplication of 600X600 matrixes takes 9.58

> matlab:

multiplication of 100X100 matrixes takes 0.01 multiplication of 200X200 matrixes takes 0.06 multiplication of 300X300 matrixes takes 0.15 multiplication of 400X400 matrixes takes 0.35 multiplication of 500X500 matrixes takes 0.68 multiplication of 600X600 matrixes takes 1.19

So, this difference seems a bit strange, doesn't it?

I'm using MATLAB 6 (whichis supposed to be *slower* than 5.3), and Python 1.5.2.

-- Gavrie Philipson.

Sent via Deja.com http://www.deja.com/