
Subject: Re: Sorry Re: which OS is faster for idl?

Posted by [R.G. Stockwell](#) on Thu, 23 Oct 2003 17:00:35 GMT

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>> Yunxiang Zhang writes:

>>

>>> I happened to have a chance to run a time_test on a multiboot machine

>>> today. I did time_test, time_test2 & time_test3.

Linux(gentoo,2.4.20-r6

>>> kernel for P4) is 20~30% slower than XP. What do you guys think of this?

>>> Any similar test has been done by anyone of you?

A while ago I came to a similar conclusion. A 1.13 ghz win2000 laptop was faster than my 1.4 ghz linux AMD.

There must be compiler optimizations available on the ms platforms that are not there on the other platforms.

----- my old message -----

here are my current numbers comparing IDLDE 5.5 on:

1) 1.4 ghz Athlon 512Mram (Desktop) running Redhat 7.2 Linux and the KDE desktop

2) 1.13Ghz Pentium III 512Ram (Laptop) running Windows2000 SP2

These were all averaged repeated runs, no "compile time".

Time_test.pro

1 (1.4Ghz Athlon) = 0.78 seconds

2 (1.1Ghz pentium) = 0.63 seconds

Time_test2.pro

1 (1.4Ghz Athlon) = 2.00 seconds

2 (1.1Ghz pentium) = 1.64 seconds

So, the athlon is $.78/.63 = 23\%$ slower,
or $2/1.64 = 21\%$ slower.

Of course, clock down the athlon to 1.13 ghz

and the time is $2.00 * 1.4 / 1.13 = 2.47$ seconds,

and the percent slowness would be

$2.46 / 1.64 = 50\%$ slower. Here is a long url to that

discussion.[\[e%3DUTF-8%26edition%3Dus%26selm%3Da3cnu3%2524ntt%25241%2540n ewsreader.mailga\]\(http://groups.google.com/groups?hl=en&lr=&ie=UTF-8&oe=UTF-8&editi on=us&threadm=a3cnu3%24ntt%241%40newsreader.mailgate.org&num=1&prev=/groups %3Fq%3Dstockwell%2Bpentium%2Blinux%2B2000%26hl%3Den%26lr%3D% 26ie%3DUTF-8%26o e%3DUTF-8%26edition%3Dus%26selm%3Da3cnu3%2524ntt%25241%2540n ewsreader.mailga\)](http://groups.google.com/groups?hl=en&lr=&ie=UTF-8&oe=UTF-8&editi on=us&threadm=a3cnu3%24ntt%241%40newsreader.mailgate.org&num=1&prev=/groups %3Fq%3Dstockwell%2Bpentium%2Blinux%2B2000%26hl%3Den%26lr%3D% 26ie%3DUTF-8%26o</p></div><div data-bbox=)

