

Bad performance on alpha? (make buildworld)

Source: <http://unix.derkeiler.com/Mailing-Lists/FreeBSD/performance/2004-04/0006.html>

From: Rob B (robbyrnes_at_fastmail.com.au)

Date: 04/08/04

Date: Thu, 08 Apr 2004 19:53:10 +1000

To: freebsd-performance@freebsd.org

>Oliver Lehmann wrote:

>> Bernd Walter wrote:

>

>> On Tue, Feb 24, 2004 at 09:54:57PM +0100, Oliver Lehmann wrote:

>> > Bernd Walter wrote:

>> >

>> > > I think thats around factor 2-4 slower.

>> > > Especially without having CPUTYPE >=ev56 set.

>> >

>> > Ok, I have CPUTYPE=ev56 now set in make.conf and I got slightly better

>> > results:

>> >

>> > make buildworld 19144.53 real 16475.63 user 1964.88 sys

>> > make -j2 buildworld 19530.91 real 16784.12 user 2143.32 sys

>> > make -j3 buildworld 19639.32 real 16948.23 user 2173.32 sys

>> > make -j4 buildworld 19892.68 real 17177.20 user 2202.12 sys

>> >

>> > I installed the last buildworld and built a new kernel... let's see

>> > how those new (with CPUTYPE=56 compiled) binaries are performing...

>> > *reruning-tests*

>>

>> The binaries are only used to build the toolchain.

>> The remaining part of the buildworld aren't using the system binaries.

>

> Hm... actually it performs a *_bit_* better with the new world+kernel ;)

>

> make buildworld 18749.83 real 16143.33 user 1981.61 sys

> make buildworld 18758.40 real 16191.54 user 1999.10 sys

> make -j2 buildworld 19297.45 real 16570.93 user 2127.90 sys

> make -j2 buildworld <not yet finished>

>

> Next I'll try some CFLAGS...

Oliver, did you ever determine what CFLAGS would be useful, or gain any improvement?

freebsd-performance: Bad performance on alpha? (make buildworld)

I have used "CFLAGS= -O -pipe -funroll-loops -fforce-mem -fforce-addr\
-fomit-frame-pointer -ffast-math" but found recently that various
portions of code in world aren't happy (panics in ldconfig and ispfw.ko
are two that I recall)

loop@erwin % uname -a
FreeBSD erwin.number6 4.9-STABLE FreeBSD 4.9-STABLE #0: Thu Apr 8
12:55:20 EST 2004

Cheers,
Rob

Please keep me cc'd as I'm not on this list

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Adolescence is that period of time between puberty and adultery.
This is random quote 199 of 1255.
Distance from the centre of the brewing universe
[15200.8 km (8207.8 mi), 262.8 deg](Apparent) Rennerian
Public Key fingerprint = 6219 33BD A37B 368D 29F5 19FB 945D C4D7 1F66 D9C5

freebsd-performance@freebsd.org mailing list
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