

comp.unix.solaris: Re: CPU usage is high on Sun Ultra 2 while running CDE and Sol9.

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From: Noel R. Nihill (nnihil01_at_Motorola.BLAH.com)

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Date: Wed, 19 Nov 2003 11:45:19 -0000

"Dennis Clarke" <dclarke@blastwave.org> wrote in message
news:Pine.GSO.4.58.0311182328430.5535@blastwave...

>

> *The following occurs while moving a simple xterm window about on CDE.*

Nothing

> *else. I enabled the 'show contents during move' option in the CDE
settings*

> *and I watch as one of my CPUs gets flattened. I have a Creator 3D Series
3 in*

> *the system as well as a TGX+. Seems odd that the hardware would not
handle*

> *the moving about of the pixels as opposed to the CPU.*

It occurs to me that the DMA/graphics hardware will handle this,
AFTER the CPU(s) have ascertained where you want the window
to move to.

> *kthr memory page disk faults cpu*

> *r b w swap free re mf pi po fr de sr s1 s1 s2 s3 in sy cs us sy
id*

> *0 0 0 1617608 159064 3 4 27 9 8 0 0 2 0 0 1 540 404 617 2 1
97*

> *0 0 0 1577496 158096 0 249 0 0 0 0 0 8 0 0 0 940 989 989 10 4
86*

> *0 0 0 1577552 158160 0 332 0 0 0 0 0 0 0 0 0 861 1127 871 37 3
60*

> *0 0 0 1577096 157704 0 1353 0 0 0 0 0 0 0 0 0 1060 954 830 44 6
50*

I take it that this is roughly the point where you grab the window and start
moving it about?

> *0 0 0 1576352 156960 0 2690 0 0 0 0 0 0 0 0 0 1213 757 809 38 12
50*

> *0 0 0 1576136 156856 0 2649 0 0 0 0 0 0 0 0 0 1260 866 830 38 13*

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49

> 0 0 0 1575776 156856 0 2566 0 0 0 0 0 0 0 0 0 1396 811 866 38 12

49

> 0 0 0 1576616 157224 0 2420 2 0 0 0 0 4 0 0 0 1495 2472 935 50 18

32

> 0 0 0 1576288 157128 0 2512 0 0 0 0 0 0 0 0 0 1496 830 873 38 13

49

> 0 0 0 1576624 157232 0 2462 0 0 0 0 0 0 0 0 0 1489 830 869 38 12

50

> 0 0 0 1577448 158056 0 852 0 0 0 0 0 0 0 0 0 821 741 721 13 4

82

> 0 0 0 1577672 158280 0 0 0 0 0 0 0 0 0 0 0 510 294 602 0 0

100

> 0 0 0 1577672 158280 0 0 0 0 0 0 0 0 0 0 0 512 323 612 1 0

99

>

> *Nothing else on the hardware is running and Sol9 is well patched, including the CDE and OpenWin patches. Seems very odd that simply moving a window about would drain an entire CPU.*

Are the Xserver and client on the same machine? I think they are, as this sort of thing doesn't seem to affect CPU usage on an Xclient with remote Xserver to any great discernible degree.

What sort of CPU horsepower does that machine have?

<ASBESDOS LONG JOHNS = ON>

On my Win2K desktop here (Intel PIV 1.8GHz, 1GB RAM), shoving an xterm window about within Exceed causes CPU usage as reported by the task manager

to shoot up to 40–50%.

</ASBESDOS LONG JOHNS>

So I wouldn't think this situation too odd. Of course I've been wrong before.

1987 or so, I think it was... ;0)

> *Dennis*

Take care.

> *ps : The following patches have been applied :*

<snip patch listing>

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I *could* be arguing in my spare time