
Subject: IDL 5.4 and win2000 problems
Posted by [R.G.S.](#) on Thu, 27 Sep 2001 14:30:50 GMT
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anyone run into any problems running IDL 5.4
on windows 2000?

I just got a new laptop, and IDL crashes with a
"this program has caused an error and will be terminated"
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My guess would be that it is a driver problem, maybe video driver.
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it seems to bounce around.

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when there certainly was no string variable required. It was a function
that had an array of double passed to it (which I wrote). Hitting continue
caused the program to resume nicely (for a while).

I also got an "unknown instruction at (6890)" error, which is
totally bizarre.

It almost makes me think the CPU is getting too hot or some other
hardware problem.

Anyways, I was just wondering if there were known incompatibilities
with IDL and win2000.

Cheers,
bob

Subject: Re: IDL 5.4 and win2000 problems
Posted by [Pavel A. Romashkin](#) on Thu, 27 Sep 2001 15:37:08 GMT
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Martin Downing wrote:

- >
- > most seem to
- > initiate from clicking in the IDE, a very few while code runs.
- >
- > I suspect the IDE event handler in my case.

I must say that, although most of my writing about "inferior platform"
is a joke, there is partial truth in it. I used to hate Macs - they
would not stay up and running for more than 2 hours at a time for me.
But the combination of G4 and OS9.1 I use now is more stable than
anything I used before, except maybe Unix. I have not had IDL crash on
the Mac for many, many months. Thanks Thierry - outstanding job!

Cheers,
Pavel

P.S. I must say that W2K has never crashed on me (yet), although applications do dump out in it.

Subject: Re: IDL 5.4 and win2000 problems
Posted by [R.Bauer](#) on Thu, 27 Sep 2001 15:56:54 GMT
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"R.G.S." wrote:

>
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> on windows 2000?
>
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> "this program has caused an error and will be terminated"
> message.

Did you have the actual HASP driver for your dongle?
In the past we have had some problems with the hasp.

My version is 3.81 (this is not the newest but it works)

And you are sure that is not a color problem .
Do you use 24 bit color and device,decomposed=0 ?

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> I haven't yet isolatd the IDL code that is causing the problem, but
> it seems to bounce around.
> In fact, one message was a "string variable required in function" message
> when there certainly was no string variable required.

This could be a problem of a duplicated routine in your library with one
of the idl internals.
Did you have experience with your programs and a different IDL Version?

> It was a function
> that had an array of double passed to it (which I wrote). Hitting continue
> caused the program to resume nicely (for a while).
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> totally bizarre.
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> hardware problem.

>
> Anyways, I was just wondering if there were known incompatibilities
> with IDL and win2000.

Normally not.

We have a lot of experience with idl and w2k. With the routines
we are using it doesn't crash.

regards

Reimar

--

Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-1)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
<http://www.fz-juelich.de/icg/icg1/>

=====

a IDL library at Forschungszentrum Juelich
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

=====

read something about linux / windows
<http://www.suse.de/de/news/hotnews/MS.html>

Subject: Re: IDL 5.4 and win2000 problems
Posted by [Pavel A. Romashkin](#) on Thu, 27 Sep 2001 16:21:43 GMT
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"R.G.S." wrote:

>
> I'm leaning towards a hardware problem
> for instance, the CPU is melting. Oh, my teapot just whistled (it is
> sitting on
> my laptop, wow that came to boiling fast!).

Try immersing the laptop in cold water, while providing good circulation
by stirring. This will eliminate overheating issue and you will have one
less variable in the problem.

Overall, having a *GHz Pentium is good for a cold office in the winter months. Makes a nice space heater.

Cheers,
Pavel

Subject: Re: IDL 5.4 and win2000 problems
Posted by [Rick Towler](#) on Thu, 27 Sep 2001 16:24:55 GMT
[View Forum Message](#) <> [Reply to Message](#)

I had serious issues with win98 and IDL when doing object stuff. Since I made the switch to 2000 I have had only one problem with a beta video driver. If it were a driver issue I would think that the problem would occur when IDL accessed the driver. In my case with the video driver whenever I would try to create an instance of IDLgrWindow IDL would crash.

From your post the errors seem random and I would agree with your thought that this is a hardware issue. Bad RAM or poor CPU cooling. Since you have a laptop you probably can't set your memory timings to a more conservative setting or underclock your CPU from within the BIOS. Did you install extra RAM and if so can you take it out? Maybe try to test the system stability with another program (I know people use prime95 or SETI or whatever to do this. I can't tell you if they are good tools for this sort of test.)

-Rick

"R.G.S." <rgs1967@hotmail.com> wrote in message
[news:KKGs7.87\\$Fb3.126304@news.uswest.net...](mailto:news:KKGs7.87$Fb3.126304@news.uswest.net...)

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> Anyways, I was just wondering if there were known incompatibilities
> with IDL and win2000.
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> Cheers,
> bob
>
>
>

Subject: Re: IDL 5.4 and win2000 problems
Posted by [R.G.S.](#) on Thu, 27 Sep 2001 16:49:17 GMT
[View Forum Message](#) <> [Reply to Message](#)

Rick Towler <rtowler@u.washington.edu> wrote in message
news:9ovjst\$176\$1@nntp6.u.washington.edu...
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> with another program (I know people use prime95 or SETI or whatever to do
> this. I can't tell you if they are good tools for this sort of test.)
>
> -Rick

Ah yes, good suggestion re: RAM. We did put in our own ram bought from
crucial.com.

I have put the laptop in permanent battery mode, so the cpu runs
a little slower, and cooler. I'll know later today if that makes a
difference.
If it is still crashing, I'll start swapping out the ram.

Also, I have had a crash of taskmanager this morning, indicating that it is
perhaps
not a idl specific problem (although IDI was running at the time).

I'll post later to say what seems to be the problem when i get a more definitive answer.

Cheers,
bob

Subject: Re: IDL 5.4 and win2000 problems
Posted by [David Fanning](#) on Thu, 27 Sep 2001 17:24:24 GMT
[View Forum Message](#) <> [Reply to Message](#)

R.G.S. (rgs1967@hotmail.com) writes:

- > Oh, my teapot just whistled (it is
- > sitting on
- > my laptop, wow that came to boiling fast!).

That's what I told my wife last night. :-)

Cheers,

David

--

David W. Fanning, Ph.D.
Fanning Software Consulting
Phone: 970-221-0438, E-mail: david@dfanning.com
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: IDL 5.4 and win2000 problems
Posted by [David Fanning](#) on Thu, 27 Sep 2001 17:25:55 GMT
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R.G.S. (rgs1967@hotmail.com) writes:

- > It is a brand spanking new Dell Inspiron 8100 1.13Ghz with 512M of Ram,
- > and Windows 2000 preinstalled.

This is pretty much what I have, except I got a faster model and a 21-inch monitor. Nah, nah, nah. :-)

Cheers,

David

--

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Subject: Re: IDL 5.4 and win2000 problems
Posted by [David Fanning](#) on Thu, 27 Sep 2001 17:28:31 GMT
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David Fanning (david@dfanning.com) writes:

> This is pretty much what I have, except I got a faster
> model and a 21-inch monitor. Nah, nah, nah. :-)

Whoops. Sorry. I got the Dimension 8100. I was still
thinking about last night.

Cheers,

David

--

David W. Fanning, Ph.D.
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Subject: Re: IDL 5.4 and win2000 problems
Posted by [R.G.S.](#) on Thu, 27 Sep 2001 18:10:50 GMT
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David Fanning <david@dfanning.com> wrote in message
news:MPG.161d0f0e963ca3e99896d6@news.frii.com...

> R.G.S. (rgs1967@hotmail.com) writes:

>

>> It is a brand spanking new Dell Inspiron 8100 1.13Ghz with 512M of Ram,
>> and Windows 2000 preinstalled.

I mention this so as to point out that it is a laptop (though I forgot
to write the word laptop). This is partly the reason I suspect that it is

too hot.

However, I did run the laptop in "battery mode" which uses less CPU power, and hence less heat, and I still get the IDL crash. The fan still comes on as well, so it may still be a heat problem.

Cheers,
bob

Subject: Re: IDL 5.4 and win2000 problems
Posted by [R.G.S.](#) on Thu, 27 Sep 2001 18:12:52 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning <david@dfanning.com> wrote in message
news:MPG.161d0eb0f0bac5d09896d5@news.frii.com...

> R.G.S. (rgs1967@hotmail.com) writes:

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>> Oh, my teapot just whistled (it is

>> sitting on

>> my laptop, wow that came to boiling fast!).

>

> That's what I told my wife last night. :-)

Ew.

... laptop COMPUTER ...

the teapot is sitting on the laptop COMPUTER, and the laptop
COMPUTER's cpu is really hot, and that caused the water to
boil. What the @&*& did you think I was talking about? :)

-bob

Subject: Re: IDL 5.4 and win2000 problems (solution)
Posted by [R.G.S.](#) on Fri, 28 Sep 2001 19:39:34 GMT
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The problem was bad memory (thanks Rick). We originally
ordered two 256Ms from crucial.com, and upon replacing
these, the computer problems went away.

thanks for the all the responses!

Cheers,
bob

- ebeers sent to all posters in comp.lang.idl-pvwave -
This rounds on me!

R.G.S. <rgs1967@hotmail.com> wrote in message
news:KKGs7.87\$Fb3.126304@news.uswest.net...

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