
Subject: WindowsXP IDLWorkbench hang issue
Posted by [M. Katz](#) on Sat, 08 Mar 2008 16:54:38 GMT
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On Windows XP, I run some pretty complex IDL gui applications that always run well in IDL 6.4. Lately, in IDL 7.0, I've had a problem where the Workbench window freezes (hourglass cursor) while the rest of the gui applications remain up and running, responsive, and fine. Usually it happens while I'm editing in the program window, or typing a simple print statement (like adding two numbers) in the command line. The Workbench hangs indefinitely until ctrl-alt-delete.

It seems just about impossible to debug in the usual way because it's de-correlated from the gui apps, and it's not related to a program execution error when it occurs. Any ideas?

BTW, this is on a recent quad-core Intel machine with 1 GB of RAM and an up-to-date XP version.

M.

Subject: Re: WindowsXP IDLWorkbench hang issue
Posted by [Jean H.](#) on Fri, 14 Mar 2008 15:55:31 GMT
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M. Katz wrote:

- > Thanks, David,
- >
- > I now have 2GB of RAM, and the problem persists, but I've narrowed it
- > down. (The ITTVis people are helping me as well.)
- >
- > It turns out that I can make the Workbench reliably hang when text in
- > the program window is selected and I attempt to copy/cut/paste with
- > control-cxv. If it doesn't happen on the first or second copy/paste
- > then it will happen on the third, fourth, or fifth.
- >
- > Testing a few things:
- > 1. When starting a clean, fresh Workbench, with none of my usual apps,
- > the problem goes away.
- > 2. With my old Workbench, and the startup file removed, none of my
- > usual GUIs launch and the problem also goes away.
- > 3. Bring back the GUIs, and I bring back the hang.
- > Remember that when it hangs, it's on the Workbench that's frozen. All
- > of the GUI apps/events are running fine.
- >
- > M.

Is the same accelerator defined for your GUI and for the workbench?

Jean

Subject: Re: WindowsXP IDLWorkbench hang issue
Posted by [David Fanning](#) on Fri, 14 Mar 2008 16:17:16 GMT
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M. Katz writes:

- > I now have 2GB of RAM, and the problem persists, but I've narrowed it
- > down. (The ITTVis people are helping me as well.)
- >
- > It turns out that I can make the Workbench reliably hang when text in
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- > 3. Bring back the GUIs, and I bring back the hang.
- > Remember that when it hangs, it's on the Workbench that's frozen. All
- > of the GUI apps/events are running fine.

Well, I have to admit, I don't see this. But I did just have three large GUIs running simultaneously and I couldn't get anything to hang with copy/paste interactions in the Editor. But when I went to kill the GUIs with my mouse, the second one I tried to kill caused a fatal IDL error and crashed IDL. :-(

Might be related, I guess.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: WindowsXP IDLWorkbench hang issue
Posted by [David Fanning](#) on Fri, 14 Mar 2008 16:21:04 GMT
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David Fanning writes:

> Well, I have to admit, I don't see this. But I did just
> have three large GUIs running simultaneously and I couldn't
> get anything to hang with copy/paste interactions in the
> Editor. But when I went to kill the GUIs with my mouse, the
> second one I tried to kill caused a fatal IDL error and crashed
> IDL. :-(
>
> Might be related, I guess.

I just restarted IDL and ran these three applications again.
Each works as normal. But now, when I try to kill any one of
them, IDL croaks. :-(

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
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Subject: Re: WindowsXP IDLWorkbench hang issue
Posted by [David Fanning](#) on Fri, 14 Mar 2008 16:31:51 GMT
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David Fanning writes:

> I just restarted IDL and ran these three applications again.
> Each works as normal. But now, when I try to kill any one of
> them, IDL croaks. :-(

I tried this with three other widget applications and
no crashes. So I tried it with the same three that just
crashed it, and still no crashes. It is possible that
when it crashed I hadn't let it fully "analyze data".
This time I went for coffee after I started her up.

Don't know...

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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Sepore ma de ni thui. ("Perhaps thou speakest truth.")
