

---

Subject: Re: IDL 8.0.1 crashes

Posted by [David Fanning](#) on Thu, 06 Jan 2011 01:04:37 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

b\_gom writes:

> Is any one else experiencing random crashes with IDL 8

I haven't been able to keep IDL 8 running on my Windows 7 64-bit machine for more than 10 minutes at a time, it seems. But it's been awhile since I tried it. I've retreated to IDL 7.1 and things work great there. Even the on-line help works after I installed IDL 8. Go figure. :-)

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: IDL 8.0.1 crashes

Posted by [b\\_gom](#) on Thu, 06 Jan 2011 01:17:41 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Well, if I hadn't got suckered into using those nifty new syntax features, I would have retreated to 7.1 also..

On Jan 5, 6:04 pm, David Fanning <n...@dfanning.com> wrote:

> b\_gom writes:

>> Is any one else experiencing random crashes with IDL 8

>

> I haven't been able to keep IDL 8 running on my  
> Windows 7 64-bit machine for more than 10 minutes  
> at a time, it seems. But it's been awhile since I  
> tried it. I've retreated to IDL 7.1 and things work  
> great there. Even the on-line help works after I  
> installed IDL 8. Go figure. :-)

>

> 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: IDL 8.0.1 crashes

Posted by [David Fanning](#) on Thu, 06 Jan 2011 01:55:13 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

b\_gom writes:

> Well, if I hadn't got suckered into using those nifty new syntax  
> features, I would have retreated to 7.1 also..

Yeah, it's good to be a simple man, with simple pleasures. :-)

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: IDL 8.0.1 crashes

Posted by [penteado](#) on Thu, 06 Jan 2011 02:11:33 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Jan 5, 10:08 pm, b\_gom <b\_...@hotmail.com> wrote:

> Is any one else experiencing random crashes with IDL 8 \ eclipse? IDL dies and disappears  
about 3 time an hour for me. There is no warning, and I can't find a pattern. Sometimes it happens  
when the help is open, sometimes not. Sometimes it is when I'm running an object graphics  
program, sometimes its just when I'm typing into the editor. I get the same behavior on two new  
windows 7 machines, 64 and 32 bits. I think I was getting similar crashes on XP. All the other  
software on these systems runs fine. I'm guessing it is eclipse related, but I could be wrong.

>

> If anyone else is seeing this, is there any hope for a solution? I wish ITT had some sort of crash  
logging so that users could report how their buggy software is dying..

I never noticed such problems, in Vista 64. I have not yet used IDL in  
Windows 7, and have not used XP in years.

If I had encountered problems like those, I would try using a different JVM, and write to ITTVIS support.

---

---

Subject: Re: IDL 8.0.1 crashes

Posted by [David Fanning](#) on Thu, 06 Jan 2011 03:00:15 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Paulo Penteado writes:

> If I had encountered problems like those, I would try using a  
> different JVM, and write to ITTVIS support.

Yeah, good luck with that. :-)

I got the funniest e-mail today from someone who had attended a demo at the ITTVIS booth at the AGU meeting in December. Let's just say, they probably are aware of the problems. :-)

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: IDL 8.0.1 crashes

Posted by [Michael Galloy](#) on Thu, 06 Jan 2011 05:17:54 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On 1/5/11 5:08 PM, b\_gom wrote:

> Is any one else experiencing random crashes with IDL 8 \ eclipse? IDL dies and disappears about 3 time an hour for me. There is no warning, and I can't find a pattern. Sometimes it happens when the help is open, sometimes not. Sometimes it is when I'm running an object graphics program, sometimes its just when I'm typing into the editor. I get the same behavior on two new windows 7 machines, 64 and 32 bits. I think I was getting similar crashes on XP. All the other software on these systems runs fine. I'm guessing it is eclipse related, but I could be wrong.

>

> If anyone else is seeing this, is there any hope for a solution? I wish ITT had some sort of crash logging so that users could report how their buggy software is dying..

I don't have to worry about random crashes since the Workbench hangs while launching. It saves a lot of trouble that way. I think I could yet again delete the my workspace and workbench settings to try another time, but I have given up on the Workbench for now.

Mike

--

www.michaelgalloy.com  
Research Mathematician  
Tech-X Corporation

---

---

Subject: Re: IDL 8.0.1 crashes  
Posted by [vto](#) on Thu, 06 Jan 2011 15:39:50 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

It looks like most people here use PCs. I'm running IDL on a Mac and it looks like it is slightly more stable. I had IDL 8.0 running for a month, using it daily, before it crashed. Crashing means either IDL became totally unresponsive, or just parts quit working (e.g. the editor). In any case, I do not understand some of the concept of the workbench. When IDL crashes (or must be "forced quit"), you loose all the log information. What a concept! You know what you did when it is successful, but you are in the dark when it crashes because you typed the wrong command. Why can't they save the log once a command is issued and before really executing it. Or, at least, give you the option to do so.

Back to the crashes. Isn't the workbench written in java? I have problems with other java-based programs that they crash eventually. There must be, most likely, some memory problem like accumulating memory leaks or not properly freeing and releasing used memory. Might be good to monitor the memory usage of your machine to see if there is a spike right before IDL crashes.

Volker

---

---

Subject: Re: IDL 8.0.1 crashes  
Posted by [penteado](#) on Thu, 06 Jan 2011 15:45:33 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

On Jan 6, 1:39 pm, vto <[vto...@cfa.harvard.edu](mailto:vto...@cfa.harvard.edu)> wrote:

> It looks like most people here use PCs. I'm running IDL on a Mac and it looks like it is slightly more stable. I had IDL 8.0 running for a month, using it daily, before it crashed. Crashing means either IDL became totally unresponsive, or just parts quit working (e.g. the editor). In any case, I do not understand some of the concept of the workbench. When IDL crashes (or must be "forced quit"), you loose all the log information. What a concept! You know what you did when it is successful, but you are in the dark when it crashes because you typed the wrong command. Why can't they save the log once a command is issued and before really executing it. Or, at least, give you the option to do so.

Journal files are written occasionally during the session. More precisely, their output seems to be buffered. So some of the journal might be saved in a crash.

---

---

Subject: Re: IDL 8.0.1 crashes

Posted by [David Fanning](#) on Thu, 06 Jan 2011 15:55:37 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

vto writes:

- > It looks like most people here use PCs. I'm running
- > IDL on a Mac and it looks like it is slightly more stable.
- > I had IDL 8.0 running for a month, using it daily,
- > before it crashed.

The happy people appear to be running IDL 8 on Linux machines. :-)

This goes in karmic cycles. For Windows users this is payback for having a decent IDE in the days before JAVA, when the Linux crowd had to use that ugly monstrosity that turned your editing window into grotesque blocks of weird colors.

Probably in IDL 9 the Mac users will be ascendant. :-)

Cheers,

David

P.S. Let's just say if we hang around long enough, we will ALL get what we want. ;-)

--

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: IDL 8.0.1 crashes

Posted by [penteado](#) on Thu, 06 Jan 2011 16:10:06 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On Jan 6, 1:55 pm, David Fanning <n...@dfanning.com> wrote:

- > vto writes:

>> It looks like most people here use PCs. I'm running  
>> IDL on a Mac and it looks like it is slightly more stable.  
>> I had IDL 8.0 running for a month, using it daily,  
>> before it crashed.  
>  
> The happy people appear to be running IDL 8 on Linux  
> machines. :-)

That is payback for the installation, which is easy in Windows, but frequently troublesome in Linux (and from what others have told me, also difficult in Macs). Though I have to admit that it has improved a lot in recent versions (in Fedora, at least).

There are also the issues with the license server, which likes to die occasionally for no apparent reason. Which is especially troublesome when the license server is running in some department computer, and one cannot do anything until the administrator restarts the server there. The license server also likes to pick fights with the license servers of other software that use similar systems (such as the PGI compilers).

---

Subject: Re: IDL 8.0.1 crashes

Posted by [lecacheux.alain](#) on Thu, 06 Jan 2011 16:21:34 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

On 6 jan, 16:55, David Fanning <n...@dfanning.com> wrote:

> vto writes:  
>> It looks like most people here use PCs. I'm running  
>> IDL on a Mac and it looks like it is slightly more stable.  
>> I had IDL 8.0 running for a month, using it daily,  
>> before it crashed.  
>  
> The happy people appear to be running IDL 8 on Linux  
> machines. :-)  
>  
> This goes in karmic cycles. For Windows users this  
> is payback for having a decent IDE in the days before  
> JAVA, when the Linux crowd had to use that ugly  
> monstrosity that turned your editing window into  
> grotesque blocks of weird colors.  
>  
> Probably in IDL 9 the Mac users will be ascendant. :-)  
>  
> Cheers,  
>  
> David  
>

> P.S. Let's just say if we hang around long enough,  
> we will ALL get what we want. ;-)  
>  
> --  
> 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.")

I experienced a few crashes by using IDL8 and Windows 7 (both 32 and 64). But not so frequent, maybe one per week in daily utilisation. always after some using time, with many edit/run/edit cycles. Sure that IDL8's Workbench is much more fragile than IDL7's one. Maybe related to the new garbage collector for IDL objects ? Anyhow, I guess that Eclipse is crashing then, rather than IDL: you can get some info from java log files (filenames are like `hs_err_pidxxxx.log`). Sometimes, the faulting module is "idl.dll", but you can find others, likely related to error messaging in java. Not really comfortable, since you lose everything from your most recent IDL work...  
alx.

---

Subject: Re: IDL 8.0.1 crashes  
Posted by [Kenneth P. Bowman](#) on Thu, 06 Jan 2011 18:35:24 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

In article  
<8b5e7bcf-a732-4acd-8be5-2250b9fe696f@k11g2000vbf.googlegroups.com>,  
alx <[lecacheux.alain@wanadoo.fr](mailto:lecacheux.alain@wanadoo.fr)> wrote:

> I experienced a few crashes by using IDL8 and Windows 7 (both 32 and  
> 64).

So is the problem the Workbench? I run IDL 8 on Macs and never see crashes\*, but then I don't use the Workbench.

Ken Bowman

\*Except for a recent X-Windows glitch that was solved with `RETAIN = 2`.

---