
Subject: Breakpoints in IDL 6.2 (windows)

Posted by [David Fanning](#) on Wed, 17 Aug 2005 21:02:59 GMT

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Folks,

I'm having a problem with breakpoints and I'm working with RSI, trying to do a little research on what the problem might be. This happens in IDL 6.2, Windows version.

I apparently have saved a project in which a file I was working on had a breakpoint in it. Now, when I open the project I can no longer set breakpoints in *any* file in the project. If I open the file in question, I see a "broken yellow circle", which normally indicates the file needs to be compiled to "set" the breakpoint. However, if I compile the file, the yellow dot disappears. When I run the file, there is no break.

If I look at the Edit Breakpoint dialog, I can see the breakpoint there, and I can even remove it. But I can still not set breakpoints in any file in the project. If I remove all the breakpoints with the Edit Breakpoint dialog, and then save the project, I *still* cannot set breakpoints when I open the project in a fresh IDL session.

Since I am not a good enough programmer to write programs without bugs, I am perplexed. :-(

Has anyone else seen this problem? Do you have any clues as to what is going on? I guess I'm going to try re-installing IDL eventually. But I wanted to see if I could come up with a better solution before I resort to that.

Cheers,

David

--

David Fanning, Ph.D.

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

Subject: Re: Breakpoints in IDL 6.2 (windows)

Posted by [Werner](#) on Thu, 18 Aug 2005 14:55:03 GMT

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Sorry, can't offer a solution only add to the confusion:

The problem is not new to IDL 6.2, I have seen it in previous versions and I actually have it right now in a project under 6.1. I reported it about two years ago to support.

I am not 100% sure, but it only seems to occur when I use 'project' and the guibuilder? The last one I don't use anymore.

Werner

Subject: Re: Breakpoints in IDL 6.2 (windows)
Posted by [David Fanning](#) on Thu, 18 Aug 2005 15:02:20 GMT
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Werner writes:

> The problem is not new to IDL 6.2, I have seen it in previous versions
> and I actually have it right now in a project under 6.1. I reported it
> about two years ago to support.
>
> I am not 100% sure, but it only seems to occur when I use 'project' and
> the guibuilder? The last one I don't use anymore.

I'm pretty sure my problem doesn't have anything to do with the GuiBuilder. ;-)

I've actually managed to get my project working again. What I did was open the project in IDL 6.1, and made sure there were no breakpoints. Then I saved the project. BUT, I had to save it with a different name. (Saving it with the same name was no help, which makes me think it might be a registry problem.) After saving with a new name, I could open the project in IDL 6.2 and carry on normally.

Cheers,

David

--

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Subject: Re: Breakpoints in IDL 6.2 (windows)
Posted by [David](#) on Thu, 18 Aug 2005 15:05:05 GMT
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Well, it's quite possible that the behavior I saw with the case of the filename was a red herring, and something else I did had some effect that fixed things.

Werner may be on to something, I have seen this behavior in 6.1 when using projects.

Subject: Re: Breakpoints in IDL 6.2 (windows)
Posted by [eddie haskell](#) on Thu, 18 Aug 2005 15:53:09 GMT
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Maybe not your problem but I have found that if I have the "Enable Open on debug" preference unchecked then breakpoints do not work well at all, giving me a behaviour such as you have described.

Just something else to check.

Cheers,
eddie

David Fanning wrote:

- > Folks,
- >
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- > trying to do a little research on what the problem might be.
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>
> David

Subject: Re: Breakpoints in IDL 6.2 (windows)
Posted by [Werner](#) on Fri, 19 Aug 2005 09:29:14 GMT
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I looked at "enable open on debug" and it is checked. Unchecking it gave me even worse breakpoint behaviour.

But with playing around I discovered the following workaround:

The setup is as follows:

Project file: x.prj

Within the project I have among other files 'test.pro' and 'test_eventcb.pro' and 'test' is my main program. The breakpoint is set in an event in 'test_eventcb.pro'

When running 'test' and looking at the breakpoint in 'test_eventcb.pro', the yellow circle is gone and, unlike with Dave, the breakpoint is not listed in the 'Edit Breakpoint' dialog. Further execution obviously does not break.

But, when clicking 'Add' in the 'Edit Breakpoints' dialog, the previously set breakpoint magically appears and with it the broken yellow circle. When I close the dialog and recompile only 'test_eventcb.pro', then the full yellow circle reappears. When I continue running 'test', it now breaks correctly!

This helps me a lot now, but obviously it only works, when the event with the breakpoint gets executed after this manual intervention.

I also had a typo in the previous post, I am using 6.0.1 and not 6.1, sorry.

Werner
