Subject: Re: Breakpoints in IDL 6.2 (windows)
Posted by Mark Hadfield on Wed, 17 Aug 2005 21:18:49 GMT

David Fanning wrote:
> Folks,
>
> [Problems with breakpoints & projects described]
>
> Has anyone else seen this problem?

No, but I've always found breakpoints in IDLDE on Windows pretty flaky.
Little yellow dots appear in the wrong place (ie not on the line where
the cursor was when you pressed F9); sometime breakpoints can't be set;
that sort of thing.

--
Mark Hadfield   "Kei puwaha te tai nei, Hoea tahi tatou"
m.hadfield@niwa.co.nz
National Institute for Water and Atmospheric Research (NIWA)

Subject: Re: Breakpoints in IDL 6.2 (windows)
Posted by David on Wed, 17 Aug 2005 21:23:45 GMT

David,

I've run into this problem, but is it not always reproducible. The
strange thing is I noticed I could get the problem to go away when I
ensure that the case of the filename matches the case of the last
procedure/function/class definition in the file (in my case, I only
ever saw this with class definition code). I know IDL is supposed to be
case-insensitive, but then again I usually cannot get the problem to
occur in different sessions of IDL with the same code. It's very tricky
to reproduce.

I've seen this problem pre-6.2, too. Please let me know if this helps
you fix the problem, because at least I'll not I'm not crazy.

Dave

Subject: Re: Breakpoints in IDL 6.2 (windows)
Posted by David Fanning on Wed, 17 Aug 2005 21:26:07 GMT

Mark Hadfield writes:

> No, but I've always found breakpoints in IDLDE on Windows pretty flaky.
> Little yellow dots appear in the wrong place (ie not on the line where
> the cursor was when you pressed F9); sometime breakpoints can't be set;
> that sort of thing.

Well, leaving that aside...

Cheers,

David

P.S. I don't press F9, maybe that's my problem.
I always go chase down the Set Breakpoint item in
the Run menu with my mouse. (I *love* my mouse!).
I never have any trouble getting the yellow dots
to go where I put them. And, generally, I like
the IDLDE. In IDL courses, though, when you get
the LINUX guys in there and they know ALL the
keyboard shortcuts, things get really dicey. So
I tend to believe you. :-)

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: Breakpoints in IDL 6.2 (windows)
Posted by David Fanning on Wed, 17 Aug 2005 21:29:55 GMT
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David writes:

> I've run into this problem, but is it not always reproducible. The
> strange thing is I noticed I could get the problem to go away when I
> ensure that the case of the filename matches the case of the last
> procedure/function/class definition in the file.

Say what!?

I'm ready to believe anything, but I'm still processing
alien abduction at the moment. I'll get back to you. :-)

Cheers,

David

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/

Subject: Re: Breakpoints in IDL 6.2 (windows)
Posted by JD Smith on Wed, 17 Aug 2005 21:42:48 GMT
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On Thu, 18 Aug 2005 09:18:49 +1200, Mark Hadfield wrote:

> David Fanning wrote:
>> Folks,
>>
>> [Problems with breakpoints & projects described]
>>
>> Has anyone else seen this problem?
>
> No, but I've always found breakpoints in IDLDE on Windows pretty flaky.
> Little yellow dots appear in the wrong place (ie not on the line where
> the cursor was when you pressed F9); sometime breakpoints can't be set;
> that sort of thing.

Well, some lines are not valid places to break, so IDL chooses the nearest
line. The same behavior occurs in IDLWAVE. Haven't played with 6.2 yet,
so I'm not sure if there are any BP issues.

JD

Subject: Re: Breakpoints in IDL 6.2 (windows)
Posted by David Fanning on Wed, 17 Aug 2005 22:29:25 GMT
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JD Smith writes:

> Well, some lines are not valid places to break, so IDL chooses the nearest
> line. The same behavior occurs in IDLWAVE. Haven't played with 6.2 yet,
> so I'm not sure if there are any BP issues.

The bad news now is that I have uninstalled IDL 6.2 and
reinstalled it and the problem persists. This is true even
if I save the project in IDL 6.1 (where I have no problems
at all, by the way). I'm not at all sure what this means,

except that I'm probably going to have to become intimately
familiar with the STOP command until IDL 6.3 comes
out sometime in 2010. :-(

Cheers,

David

P.S. I've been talking to a number of friends and the consensus
seems to be that no one is in a hurry to install IDL 6.2 because
there is "nothing in there for them". I was beginning to think
I was the only one that felt that way. But I think I could be
pretty happy living with IDL 6.1 for awhile longer. I could
use mouse wheel events, but everything else sort of misses the
point for me. I still don't have decent direct graphics screen
fonts, the only thing I really, really want.

--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
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Subject: Re: Breakpoints in IDL 6.2 (windows)
Posted by Mark Hadfield on Wed, 17 Aug 2005 23:02:12 GMT
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JD Smith wrote:
> On Thu, 18 Aug 2005 09:18:49 +1200, Mark Hadfield wrote:
>> ... I've always found breakpoints in IDLDE on Windows pretty flaky.
>> Little yellow dots appear in the wrong place (ie not on the line where
>> the cursor was when you pressed F9); sometime breakpoints can't be set;
>> that sort of thing.
>
> Well, some lines are not valid places to break, so IDL chooses the nearest
> line. The same behavior occurs in IDLWAVE. Haven't played with 6.2 yet,
> so I'm not sure if there are any BP issues.

The problems I have with breakpoints in IDLDE go beyond that. It seems
to me that sometimes IDLDE gets confused about the relationship between
the file contents and the breakpoint positions. (Sorry to use all these
technical terms.) I've never bothered to define this behaviour
sufficently to file a bug report.

It's probably got nothing to do with the original problem anway...

--
Mark Hadfield   "Kei puwaha te tai nei, Hoea tahi tatou"

m.hadfield@niwa.co.nz
National Institute for Water and Atmospheric Research (NIWA)

Subject: Re: Breakpoints in IDL 6.2 (windows)
Posted by Haje Korth on Thu, 18 Aug 2005 12:46:23 GMT
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David,
regarding your PS, I agree with you. I was pretty disappointed about the new
feature set. I love the persistent command recall buffer and the fact that
the .full_session_reset now actually does what is promises. The new help
what really not necessary for windows users and the input that I made toward
improving the new help system during the beta phase got pretty much ignored.
Maybe there is something big in the make at RSI and that's why this releae
was not so exciting. Or maybe after 15 years I am with my line plots in
direct graphics not the target customer any more.

Cheers,
Haje

"David Fanning" <davidf@dfanning.com> wrote in message
news:MPG.1d6d681f7c12939d989a47@news.frii.com...
> JD Smith writes:
>
>> Well, some lines are not valid places to break, so IDL chooses the
>> nearest
>> line. The same behavior occurs in IDLWAVE. Haven't played with 6.2 yet,
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> reinstalled it and the problem persists. This is true even
> if I save the project in IDL 6.1 (where I have no problems
> at all, by the way). I'm not at all sure what this means,
> except that I'm probably going to have to become intimately
> familiar with the STOP command until IDL 6.3 comes
> out sometime in 2010. :-(
>
> Cheers,
>
> David
>
> P.S. I've been talking to a number of friends and the consensus
> seems to be that no one is in a hurry to install IDL 6.2 because
> there is "nothing in there for them". I was beginning to think
> I was the only one that felt that way. But I think I could be
> pretty happy living with IDL 6.1 for awhile longer. I could

> use mouse wheel events, but everything else sort of misses the
> point for me. I still don't have decent direct graphics screen
> fonts, the only thing I really, really want.
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> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
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