
Subject: Re: path_sep() or where() crashing my idlde
Posted by [David Fanning](#) on Sat, 01 Nov 2003 15:48:49 GMT
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Thomas Brueckner writes:

> For some reason, path_sep() is crashing my idlde. I am running IDL
> 6.0 for evaluation, with
> !version.os_family = 'unix' on a Mac G4.
>
> I would love to know why the where() function is causing this trouble
> and how to fix it.

I seriously doubt the WHERE function (my vote for *the* most useful function in IDL) is causing this trouble. More likely a problem with the a path variable, or something of that sort.

I know the Mac versions of IDL tend to store information from one IDL session to the other. I don't know off-hand where this information is stored, but I'd try to find out and delete the file, so you can start over from scratch. I'm pretty sure if you did that the WHERE function would be miraculously restored. :-)

Best Regards,

David

P.S. I'm counting on the Mac guys to tell us what needs to be deleted here. I'm sure they all have experience. :-)

--

David W. Fanning, Ph.D.
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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Toll-Free IDL Book Orders: 1-888-461-0155

Subject: Re: path_sep() or where() crashing my idlde
Posted by [profxtjb](#) on Sun, 02 Nov 2003 07:22:34 GMT
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David Fanning <david@dfanning.com> wrote in message news:

> I know the Mac versions of IDL tend to store information

> from one IDL session to the other. I don't know off-hand
> where this information is stored, but I'd try to find out

As near as I can figure the data is stored in .idlde and all of it is preferences and lists of recent files etc.

Here is part of the idlde.crash.log from this morning:

Date/Time: 2003-10-31 11:21:24 -0500

OS Version: 10.3 (Build 7B85)

Command: idlde (/usr/local/rsi/idl_6.0/bin/bin.darwin.ppc/idlde)

PID: 894

Thread: 0

Exception: EXC_BAD_INSTRUCTION (0x0002)

Code[0]: 0x00000002

Code[1]: 0x01aceb64

Thread 0 Crashed:

#0 0x01aceb64 in IDL_where (IDL_where + 576)
#1 0x01a1bed0 in interpreter (interpreter + 13936)
#2 0x01b932bc in IDL_Executive (IDL_Executive + 3504)
#3 0x01a20690 in IDL_InterpCallFromSysproc
(IDL_InterpCallFromSysproc + 204)
#4 0x01ad21e4 in call_user_cb (call_user_cb + 140)
#5 0x01ad95a4 in internal_widget_event (internal_widget_event +
2208)
#6 0x01ad9734 in IDL_widget_event (IDL_widget_event + 52)
#7 0x01a1bed0 in interpreter (interpreter + 13936)
#8 0x01b932bc in IDL_Executive (IDL_Executive + 3504)
#9 0x01774464 in IDL_Main (IDL_Main + 136)
#10 0x00002808 in main (main + 1136)
#11 0x000022e4 in _start (_start + 460)
#12 0x00002114 in start (start + 48)

And here is a similar portion of idl.crash.log:

Date/Time: 2003-11-01 04:12:54 -0500

OS Version: 10.3 (Build 7B85)

Command: idl (/usr/local/rsi/idl_6.0/bin/bin.darwin.ppc/idl)
PID: 526
Thread: 0

Exception: EXC_BAD_INSTRUCTION (0x0002)
Code[0]: 0x00000002
Code[1]: 0x01aceb64

Thread 0 Crashed:

#0 0x01aceb64 in IDL_where (IDL_where + 576)
#1 0x01a1bed0 in interpreter (interpreter + 13936)
#2 0x01b932bc in IDL_Executive (IDL_Executive + 3504)
#3 0x01774464 in IDL_Main (IDL_Main + 136)
#4 0x00002808 in main (main + 1136)
#5 0x000022e4 in _start (_start + 460)
#6 0x00002114 in start (start + 48)

Subject: Re: path_sep() or where() crashing my idlde
Posted by [Paul Sorenson](#) on Sun, 02 Nov 2003 09:02:30 GMT
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It used to be that IDL would remember accross sessions commands that had been issued at the IDL prompt. For example, you could fire up a fresh instance of IDL, hit up-arrow, and see the last command you had entered the previous time you were running IDL! I don't know if this is still the case, and I think it worked only on Macs. Also, I don't know where that information is or was stored.

Have you tried re-installing IDL?

-Paul Sorenson

"Thomas Brueckner" <profxtjb@earthlink.net> wrote in message news:52e94d00.0311012322.72bb4343@posting.google.com...
> David Fanning <david@dfanning.com> wrote in message news:
>
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```

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> OS Version: 10.3 (Build 7B85)
>
> Command: idlde (/usr/local/rsi/idl_6.0/bin/bin.darwin.ppc/idlde)
> PID:      894
> Thread:   0
>
> Exception: EXC_BAD_INSTRUCTION (0x0002)
> Code[0]:  0x00000002
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>
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> (IDL_InterpCallFromSysproc + 204)
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> 2208)
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Subject: Re: path_sep() or where() crashing my idlde
Posted by [profxtjb](#) on Sun, 02 Nov 2003 14:19:30 GMT
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"Paul Sorenson" <aardvark62@msn.com> wrote in message news:<3fa4c826_5@127.0.0.1>...

> Have you tried re-installing IDL?

I was going to wait a while longer before doing a re-install. I want to learn whether I can get this solved without dropping the re-install bomb. Whatever I learn is beneficial.

Those crash logs look grim, but maybe someone in RSI will see them and be able to make sense of them. That is my hope.

==thomas==

Subject: Re: path_sep() or where() crashing my idlde
Posted by [btt](#) on Mon, 03 Nov 2003 14:10:24 GMT
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David Fanning wrote:

> Thomas Brueckner writes:

>
>

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>> !version.os_family = 'unix' on a Mac G4.

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> be miraculously restored. :-)
>
> Best Regards,
>
> David
>
> P.S. I'm counting on the Mac guys to tell us what
> needs to be deleted here. I'm sure they all have
> experience. :-)
>
Hi,

The behavior you describe, David, certainly was true for macOS9 which had a very nice IDLDE. In MacOS9 there was a problem with accumulating files in a temporary directory; I recall having to manually search for and delete these (mostly) hidden files. But in OSX with IDL6.0 I never see that memory behavior between sessions (I haven't seen a very nice IDLDE either!)

I just tried the following without a problem.

```
IDL> print, !version  
{ ppc darwin unix Mac OS X 6.0 Jun 27 2003    32    32}  
IDL> print, path_sep()  
/
```

Ben

Subject: Re: path_sep() or where() crashing my idlde
Posted by [profxtjb](#) on Mon, 03 Nov 2003 18:22:30 GMT
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Ben Tupper <btupper@bigelow.org> wrote in message
news:<[bo5nkj\\$17nh7h\\$1@ID-189398.news.uni-berlin.de](mailto:bo5nkj$17nh7h$1@ID-189398.news.uni-berlin.de)>...> I just tried the following without a
problem.

>
> IDL> print, !version
> { ppc darwin unix Mac OS X 6.0 Jun 27 2003 32 32}
> IDL> print, path_sep()
> /

Ben, here is what my IDL does:

```
IDL> print, path_sep()  
% Compiled module: PATH_SEP.  
Illegal instruction
```

Then it exits to the shell. Seems crazy that this should be faulty.

Subject: Re: path_sep() or where() crashing my idlde
Posted by [profxtjb](#) on Wed, 12 Nov 2003 12:41:16 GMT

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"Paul Sorenson" <aardvark62@msn.com> wrote in message news:<3fa4c826_5@127.0.0.1>...

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> been issued at the IDL prompt. For example, you could fire up a fresh
> instance of IDL, hit up-arrow, and see the last command you had entered the
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> and I think it worked only on Macs. Also, I don't know where that
> information is or was stored.
>
> Have you tried re-installing IDL?

CONCLUSION:

No other help or insight was forthcoming. I did re-install last week.

Thanks to everybody who contributed.

==thomas==
