
Subject: Re: idlwave segfault

Posted by [Bruce Bowler](#) on Tue, 19 Jan 2010 16:17:39 GMT

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On Fri, 15 Jan 2010 14:26:09 -0800, JD Smith wrote:

> On Jan 13, 4:23 pm, Bruce Bowler <bbow...@bigelow.org> wrote:

>> On Wed, 13 Jan 2010 20:32:28 +0000, Bruce Bowler wrote:

>>> On Wed, 13 Jan 2010 09:11:18 -0700, savoie wrote:

>>

>>>> Bruce Bowler <bbow...@bigelow.org> writes:

>>

>>>> > On Wed, 13 Jan 2010 07:53:23 -0700, savoie wrote:

>>>> >> I'm just taking wild stabs in the dark, but are you starting emacs

>>>> >> from the command line? The same one that your running IDL

>>>> >> successfully from?

>>

>>>> > Wild stabs are fine at this point, it's what I'm doing too... Yes,

>>>> > same command line, same environment

>>

>>>> Can you compare your environmental variables before starting emacs

>>>> with those in a shell started in emacs (M-x shell)? What are the

>>>> differences?

>>

>>>> Matt

>>

>>> in the shell TERM=xterm while in emacs M-x shell it's dumb.

>>

>>> In shell LS_COLORS has a litany of things, in emacs it's empty

>>

>>> in emacs, EMACS=t and INSIDE_EMACS=22.3.1,comint also in emacs,

>>> TERMCAP= and COLUMNS=80. Neither are define in the shell.

>>

>>> In emacs, path as the last element duplicated (/opt/real/RealPlayer)

>>

>>> and in shell, shlvl=2 and in emacs it's 3.

>>

>>> In otherwords, not much is different.

>>

>> Matt,

>>

>> Following up on your emailed suggestion (here so everyone knows and

>> maybe JD will have an idea)...

>>

>> If I start emacs, M-x shell and run IDL from that shell, things *DO

>> NOT* crash.

>>

>> Hopefully that's a big clue to someone far smarter than I am.

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>>
>>
>>
> I can only suggest running it under gdb (gdb /usr/bin/emacs then "run"
> at the prompt), to see if the segfault occurs anywhere interesting.
> Crashing IDL should *not* bring down emacs (just as it does not bring
> down a normal shell). So could be some problem with your Emacs, and
> potentially X11.
>
> JD
```

Ugghhhhh... gdb -args emacs testbcb.pro hangs when I do the C-c C-s thing, despite adding about 50 -debuginfo packages it was complaining weren't found (it works fine before that key sequence). The last thing emacs spits out (on the status line) is "Loading idlw-shell...done"

I guess, for the time being, since I'm completely out of ideas, not to mention lost, I'm stuck without the full benefit of idlwave...

Bruce

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--
+-----+-----+
Bruce Bowler      | When you're dodging bullets, it's hard to do long
1.207.633.9600    | term planning. - Charlie Plum
bbowler@bigelow.org |
+-----+-----+
```
