
Subject: Go figure

Posted by [lbnc](#) on Wed, 04 Mar 2009 15:35:36 GMT

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Hi there,

now have a look at this:

```
IDL> print, !version
{ x86_64 linux unix linux 6.2 Jun 20 2005    64    64}
IDL> .comp ../idl_lib/graphics/colorbar.pro
% Compiled module: COLORBAR.
IDL> .r ntest
% Compiled module: $MAIN$.
% Compiled module: CONGRID.
IDL> .r ntest
*** glibc detected *** corrupted double-linked list:
0x000000351f330698 ***
Aborted
[lbnc1@ion2 idl]$
```

Interesting, Mr. Bond. Here is the code for ntest.pro:

```
mind = 0.3
maxd = 0.8
ynames = string(fltarr((maxd-mind)*10.+1)/10., format='(F3.1)')
```

```
colorbar, /vert, $
ytickname=ynames
```

```
end
```

Alternatively, I sometimes get the following error

```
*** glibc detected *** double free or corruption (fasttop):
0x00000000007d0b90 ***
Aborted
```

Can anybody recreate that? It crashed when ntest is called the second time, or, alternatively, when you recompile colorbar. colorbar is the routine provided by David. Does anybody have an idea what is wrong? As far as my tests go, both arguments (vert and ytickname) have to be set to create this error.

Ah, and

```
ynames = replicate('0.0', 6)
```

works like a charm.

Cheers
Lasse Clausen

Subject: Re: Go figure
Posted by [David Fanning](#) on Thu, 05 Mar 2009 13:44:17 GMT
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lbnc@lbnc.de writes:

> Downloaded the latest version and used ticknames, works swimmingly. It
> still crashes with the ytickname keyword, though. I don't know why but
> frankly, my dear, I don't give a damn. I just thought I'd share this
> information with you guys. One fine day I might start commenting out
> stuff from colorbar.pro and see which code is the culprit. Seeing that
> the actual error is thrown by glibc doesn't exactly make debugging
> easier.

Off-hand, if I were going looking for the problem (and I'm not going to either!), I would look at what happens when keywords in _EXTRA are the same as keywords that are expressed on the command line. I can see room for confusion there. :-)

Cheers,

David

--

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
