
Subject: Re: Crashes in IDL 7.1 & 8.0, interactive + VM mode, linux and Mac OS X
Posted by [David Fanning](#) on Wed, 19 Jan 2011 17:26:11 GMT

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svhhaugan writes:

> So, I'm posting here [where I infrequently visit, nowadays, although I
> was 'big' back in the nineties ;-], in the hope that someone'll pick
> it up and run with it [maybe someone from VNI/RSI sees it].

Stein Vidar, how nice to hear from you again!
Even though you are the bearer of bad news.

Hope those long nights in the frigid north are
still being good to you! :-)

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Crashes in IDL 7.1 & 8.0, interactive + VM mode, linux and Mac OS X
Posted by [Wout De Nolf](#) on Thu, 20 Jan 2011 10:51:41 GMT

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These files are missing:

have_tag.pro

os_family.pro

crash.pro

Subject: Re: Crashes in IDL 7.1 & 8.0, interactive + VM mode, linux and Mac OS X
Posted by [svhhaugan](#) on Fri, 21 Jan 2011 15:42:41 GMT

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On Jan 20, 11:51 am, Wox <s...@nomail.com> wrote:

> These files are missing:

> have_tag.pro

> os_family.pro

> crash.pro

My apologies if the instructions don't work for you, but I just did the following with the (unmodified) tar file. Most notably, "tar" did unpack os_family, have_tag, and crash.pro...

```
crashing/
crashing/str_sep.pro
crashing/grep.pro
crashing/exist.pro
crashing/delvarx.pro
crashing/append_arr.pro
crashing/concat_dir.pro
crashing/which.pro
crashing/setup_crash
crashing/err_state.pro
crashing/crash.sav
crashing/trim.pro
crashing/crash.pro
crashing/have_tag.pro
crashing/os_family.pro
sadir:~/tmp>cd crashing
sadir:~/tmp/crashing>idl
IDL Version 8.0 (linux x86_64 m64). (c) 2010, ITT Visual Information
Solutions
Installation number: .
Licensed for use by: S2746-1Institute of Theoretical Astrophysics
```

11.08.10 TL> IDL upgraded to version 8.0.

IDL 7.1.1 is still available as idl71

11.08.10 TL> astrolib and the coyote library updated

```
% Attempt to call undefined procedure/function: 'CLEAN_PATH'.
% Execution halted at: $MAIN$
% Attempt to call undefined procedure/function: 'ADD_PATH'.
% Execution halted at: $MAIN$
% Attempt to call undefined procedure/function: 'DPRINT'.
% Execution halted at: $MAIN$
Hi there steinhhh
IDL> crash
% Compiled module: CRASH.
% Compiled module: WHICH.
% Compiled module: OS_FAMILY.
% Compiled module: HAVE_TAG.
% Compiled module: DELVARX.
% Compiled module: TRIM.
% Compiled module: GREP.
% Compiled module: APPEND_ARR.
```

```

% Compiled module: EXIST.
% Compiled module: STR_SEP.
% Compiled module: CONCAT_DIR.
*** glibc detected *** /astro/local/rsi/idl/bin/bin.linux.x86_64/idl:
free(): invalid pointer: 0x00002add56de8285 ***
===== Backtrace: =====
/lib64/libc.so.6[0x2add57bea45f]
/lib64/libc.so.6(cfree+0x4b)[0x2add57bea8bb]
/astro/local/rsi/idl/bin/bin.linux.x86_64/libidl.so.
8.0(IDL_MemFreeMSG_LONGJMP+0x39)[0x2add564fbb92]
===== Memory map: =====
00400000-00401000 r-xp 00000000 00:16
6406154 /mn/alruba/astro/local/rsi/idl80/
bin/bin.linux.x86_64/idl
00500000-00501000 rw-p 00000000 00:16
6406154 /mn/alruba/astro/local/rsi/idl80/
bin/bin.linux.x86_64/idl
14bde000-14d33000 rw-p 14bde000 00:00
0 [heap]
40f9d000-40f9e000 ---p 40f9d000 00:00 0
40f9e000-4119e000 rwxp 40f9e000 00:00 0
4119e000-4119f000 ---p 4119e000 00:00 0
4119f000-4139f000 rwxp 4119f000 00:00 0
4139f000-413a0000 ---p 4139f000 00:00 0
413a0000-415a0000 rwxp 413a0000 00:00 0
415a2000-415a4000 rwxp 00000000 00:11
3148 /dev/zero
41914000-41915000 ---p 41914000 00:00 0
41915000-41b15000 rwxp 41915000 00:00 0
35b9e00000-35b9e14000 r-xp 00000000 fd:02
1583063 /usr/lib64/libz.so.1.2.3
35b9e14000-35ba013000 ---p 00014000 fd:02
1583063 /usr/lib64/libz.so.1.2.3
35ba013000-35ba014000 rw-p 00013000 fd:02
1583063 /usr/lib64/libz.so.1.2.3
35ba200000-35ba305000 r-xp 00000000 fd:02
1583113 /usr/lib64/libX11.so.6.2.0
35ba305000-35ba505000 ---p 00105000 fd:02
1583113 /usr/lib64/libX11.so.6.2.0
35ba505000-35ba50c000 rw-p 00105000 fd:02
1583113 /usr/lib64/libX11.so.6.2.0
35ba600000-35ba605000 r-xp 00000000 fd:02
1583111 /usr/lib64/libXdmcpc.so.6.0.0
35ba605000-35ba804000 ---p 00005000 fd:02
1583111 /usr/lib64/libXdmcpc.so.6.0.0
35ba804000-35ba805000 rw-p 00004000 fd:02
1583111 /usr/lib64/libXdmcpc.so.6.0.0
35baa00000-35baa02000 r-xp 00000000 fd:02

```

1583101 /usr/lib64/libXau.so.6.0.0
35baa02000-35bac01000 ---p 00002000 fd:02
1583101 /usr/lib64/libXau.so.6.0.0
35bac01000-35bac02000 rw-p 00001000 fd:02
1583101 /usr/lib64/libXau.so.6.0.0
35bae00000-35bae10000 r-xp 00000000 fd:02
1114113 /usr/lib64/libXext.so.6.4.0
35bae10000-35bb010000 ---p 00010000 fd:02
1114113 /usr/lib64/libXext.so.6.4.0
35bb010000-35bb011000 rw-p 00010000 fd:02
1114113 /usr/lib64/libXext.so.6.4.0
35be200000-35be217000 r-xp 00000000 fd:02
1114121 /usr/lib64/libICE.so.6.3.0
35be217000-35be416000 ---p 00017000 fd:02
1114121 /usr/lib64/libICE.so.6.3.0
35be416000-35be418000 rw-p 00016000 fd:02
1114121 /usr/lib64/libICE.so.6.3.0
35be418000-35be41b000 rw-p 35be418000 00:00 0
35be600000-35be609000 r-xp 00000000 fd:02
1114122 /usr/lib64/libSM.so.6.0.0
35be609000-35be809000 ---p 00009000 fd:02
1114122 /usr/lib64/libSM.so.6.0.0
35be809000-35be80a000 rw-p 00009000 fd:02
1114122 /usr/lib64/libSM.so.6.0.0
35bee00000-35bee17000 r-xp 00000000 fd:02
1114124 /usr/lib64/libXmu.so.6.2.0
35bee17000-35bf016000 ---p 00017000 fd:02
1114124 /usr/lib64/libXmu.so.6.2.0
35bf016000-35bf018000 rw-p 00016000 fd:02
1114124 /usr/lib64/libXmu.so.6.2.0
35bfa00000-35bfa10000 r-xp 00000000 fd:02
1114125 /usr/lib64/libXpm.so.4.11.0
35bfa10000-35bfc10000 ---p 00010000 fd:02
1114125 /usr/lib64/libXpm.so.4.11.0
35bfc10000-35bfc11000 rw-p 00010000 fd:02
1114125 /usr/lib64/libXpm.so.4.11.0
35c2800000-35c2899000 r-xp 00000000 fd:02
1114282 /usr/lib64/libGL.so.1.6.0
35c2899000-35c2998000 ---p 00099000 fd:02
1114282 /usr/lib64/libGL.so.1.6.0
35c2998000-35c29cc000 rwxp 00098000 fd:02
1114282 /usr/lib64/libGL.so.1.6.0
35c29ccAbort
