
Subject: Re: Widget Object graphics code crashes V8.2
Posted by [David Fanning](#) on Thu, 28 Jun 2012 19:09:51 GMT
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wlandsman writes:

- > I reproduce a few lines of the crash report below,
- > in case that gives anyone clues of what might be going on.

The problem is the program is running on a Mac. ;-)

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: Widget Object graphics code crashes V8.2
Posted by [wlandsman](#) on Thu, 28 Jun 2012 19:19:50 GMT
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On Thursday, June 28, 2012 3:09:51 PM UTC-4, David Fanning wrote:

- > The problem is the program is running on a Mac. ;-)

Same error on a Linux machine. ;-) Again only in V8.2 not V8.1.

```
# A fatal error has been detected by the Java Runtime Environment:
#
# SIGSEGV (0xb) at pc=0x00007fe4508b5856, pid=2878, tid=140618595731200
#
# JRE version: 6.0_17-b04
# Java VM: Java HotSpot(TM) 64-Bit Server VM (14.3-b01 mixed mode linux-amd64 )
# Problematic frame:
# C [libidl.so.8.2+0x357856] IDL_RBtreeDestroy+0x2e
#
```

Subject: Re: Widget Object graphics code crashes V8.2

Posted by [Lajos Foldy](#) on Thu, 28 Jun 2012 19:35:58 GMT

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On Thursday, June 28, 2012 8:58:59 PM UTC+2, wlandsman wrote:

> This is a preliminary report of a problem we are having with V8.2 in a widget program (not mine) using object graphics (e.g. IDLgrModel). I will report again when I have narrowed down the cause -- but I suspect it will not be easy to debug.

>

> The plot displays fine in both V8.1 and V8.2. The problem in V8.2 comes when the widget is closed

>

> WIDGET_CONTROL, gui, /DESTROY

>

> and IDL crashes. I reproduce a few lines of the crash report below, in case that gives anyone clues of what might be going on.

>

> Thanks, --Wayne

>

> Exception Type: EXC_BAD_ACCESS (SIGSEGV)

> Exception Codes: KERN_INVALID_ADDRESS at 0x0000000000000000

>

> VM Regions Near 0:

> -->

> __TEXT 00000000100000000-00000000100004000 [16K] r-x/rwx SM=COW
/Applications/exelis*/idlde.darwin.x86_64.app/Contents/MacOS/idlde

>

> Application Specific Information:

> objc[55093]: garbage collection is OFF

>

> Java information:

> Exception type: Bus Error (0xa) at pc=117a86117

Automatic garbage collection creating garbage? :-)

Try to run your session with 'x=heap_refcount, /disable' (automatic garbage collection disabled).

regards,
Lajos

Subject: Re: Widget Object graphics code crashes V8.2

Posted by [wlandsman](#) on Thu, 28 Jun 2012 20:25:43 GMT

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Thanks for the suggestion, but the crash still occurs with garbage collection disable. Cheers,
--Wayne

>

>
> Automatic garbage collection creating garbage? :-)
>
> Try to run your session with 'x=heap_refcount, /disable' (automatic garbage collection disabled).
>
> regards,
> Lajos
