
Subject: Re: Hard crash

Posted by [Matt Haffner](#) on Thu, 08 Jan 2015 21:45:27 GMT

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(sorry for the delay--holidays...)

Well, I guess it's good it's just me--thought it was a pretty odd one. But I don't see any obvious rouge routine.

```
IDL> where(strmatch(routine_info(/system), '*test*', /fold_case))
-1
```

```
IDL> .run test
% Error opening file. File: test
```

I run a pretty vanilla IDL other than Astro routines and my library, which has no DLM--only routines and macros written in IDL.

I'll try it on my other machines...

- mh

On Saturday, December 20, 2014 at 4:34:33 PM UTC-6, Chris Torrence wrote:

> On Friday, December 19, 2014 9:52:08 PM UTC-7, Jim P wrote:

>> On Friday, December 19, 2014 2:34:17 PM UTC-7, Matt Haffner wrote:

>>> Chris,

>>>

>>> There seems to be something "magic" about a variable name "test" and implied print.

Perhaps related:

>>>

>>> IDL> !version

>>> {

>>> "ARCH": "x86_64",

>>> "OS": "darwin",

>>> "OS_FAMILY": "unix",

>>> "OS_NAME": "MacOSX",

>>> "RELEASE": "8.4",

>>> "BUILD_DATE": "Sep272014",

>>> "MEMORY_BITS": 64,

>>> "FILE_OFFSET_BITS": 64

>>> }

>>> IDL> test = 1

>>> IDL> test

>>>

>>> Crashes IDL.

>>>

>>> - mh

>>>

```

>>> On Thursday, December 18, 2014 10:08:24 AM UTC-6, Chris Torrence wrote:
>>>> On Thursday, December 18, 2014 8:20:49 AM UTC-7, Helder wrote:
>>>> > Ok, I've done it again. After the dictionary() bug here is a new one.
>>>> >
>>>> > *disclaimer: don't do this at home. Your pc might go in flames and your cat might bite
>>>> > your nose. I take no responsibility for any losses, damages or whatsoever.
>>>> >
>>>> >
>>>> > Create a new file, name it "testObj.pro"
>>>> > Put the following code in it:
>>>> >
>>>> > pro testObj::crash, res
>>>> > ;This is bad:
>>>> > print, res.test[self.refPos]
>>>> > end
>>>> >
>>>> > function testObj::init
>>>> > self.refPos = 0l
>>>> > return, 1
>>>> > end
>>>> >
>>>> > pro testObj__Define, class
>>>> > class = {testObj, refPos:0}
>>>> > end
>>>> >
>>>> > pro testObj
>>>> > o = obj_new('testObj')
>>>> > o.crash, -1l
>>>> > end
>>>> >
>>>> > Save the file and run it.
>>>> > IDL window , in my case, closes. No warnings. Nothing. Bang.
>>>> >
>>>> > I ran a few tests. The following options in the method crash, will not make it crash:
>>>> >
>>>> > print, res.test[0]
>>>> >
>>>> > void = self.refPos
>>>> > print, res.test[void]
>>>> >
>>>> > IDL> !version
>>>> > {
>>>> >   "ARCH": "x86_64",
>>>> >   "OS": "Win32",
>>>> >   "OS_FAMILY": "Windows",
>>>> >   "OS_NAME": "MicrosoftWindows",
>>>> >   "RELEASE": "8.4",
>>>> >   "BUILD_DATE": "Sep272014",

```

```
>>>> > "MEMORY_BITS": 64,
>>>> > "FILE_OFFSET_BITS": 64
>>>> > }
>>>> >
>>>> > Any explanations? Also on previous builds (<8.4)?
>>>> >
>>>> > Cheers,
>>>> > Helder
>>>>
>>>> Here's an even simpler reproduce:
>>>>
>>>> IDL Version 8.4, Mac OS X (darwin x86_64 m64)
>>>> IDL> foo = {bar:0}
>>>> IDL> (-1).test[foo.bar]
>>>> Segmentation fault: 11
>>>>
>>>> I'm at home today, but I'll log a bug when I get back to work, and try to fix it for the next
service pack.
>>>>
>>>> Thanks for catching it!
>>>>
>>>> -Chris
>>>> Exelis
>>
>> Matt,
>>
>> Is there any chance you have a DLM in your path that includes a routine named "test", one
that perhaps needs to be recompiled for IDL 8.4? I can't repeat this behavior on Win7-64 and IDL
8.4.
>>
>> IDL> where(strcmp(routine_info(/system), 'TEST'))
>>
>> Jim P.
>
> I agree with Jim. I think you have something strange going on with your IDL installation or path.
I can't get it to crash either, and there's no reason that the two issues should be related.
>
> Cheers,
> Chris
```
