
Subject: Re: Hard crash

Posted by [Jim Pendleton](#) on Sat, 20 Dec 2014 04:52:06 GMT

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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 = 0

>>> 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.
