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 = 0l
>>> return,1
>>> end
```

```
>>>
>>> pro testObj___Define, class
>>> class = {testObj, refPos:0}
>>> end
>>>
>>> pro testObj
>>> o = obj_new('testObj')
>>> o.crash, -11
>>> 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.