
Subject: Re: Hard crash

Posted by [Matt Haffner](#) on Fri, 19 Dec 2014 21:34:15 GMT

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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, -1!
>> 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
