
Subject: Re: Hard crash

Posted by chris_torrence@NOSPAM on Thu, 18 Dec 2014 16:08:22 GMT

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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
