
Subject: Re: buggy dictionary

Posted by [Helder Marchetto](#) on Mon, 08 Jun 2015 14:15:49 GMT

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On Monday, June 8, 2015 at 4:08:30 PM UTC+2, Helder wrote:

```
> Hi,
> I've just encountered another bug using dictionaries.
>
> This is ok:
> IDL> a = dictionary('b',findgen(10))
> IDL> print, a['b',1:-1]
>   1.00000   2.00000   3.00000   4.00000   5.00000   6.00000   7.00000   8.00000
>   9.00000
>
> Doing the same, but inside an object (that being self.a['b',1:-1]) will make the IDLDE crash
> "hard" (=window closes without warning).
> Here is an example:
>
> pro testObjBug::testIt
> print, self.aa['b',1:-1] ;this makes IDL crash
> end
>
> function testObjBug::init
> self.aa = dictionary('b',findgen(10))
> return, 1
> end
>
> pro testObjBug__define
> class = {testObjBug,$
>         aa:obj_new()}
> end
>
> pro testObjBug
> o = obj_new('testObjBug')
> o->testIt
> end
>
> The only way around this is to copy the variable out of the object:
> aa = self.aa['b']
> print, aa[2:-2]
>
> Cheers,
> Helder
>
> PS: I've submitted this to IDL. It's logged with incident nr 294397.
```

Sorry, but I just managed to make a much shorter example of this bug. Please save everything before trying it!

```
IDL> a = dictionary('b',dictionary('c',findgen(10)))  
IDL> a.b['c',1:-1]
```

... bye bye IDL

Notice that this works:

```
IDL> a.b['c',1:9]  
  1.0000000  2.0000000  3.0000000  4.0000000  5.0000000  6.0000000  
  7.0000000  8.0000000  9.0000000
```

But anything with the '-' after the ':' doesn't.

Cheers,
Helder
