
Subject: Re: Problem with EXIT and garbage collection
Posted by [penteado](#) on Fri, 15 May 2015 10:41:37 GMT
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Hello,

This is very odd behavior. I can confirm it happens on IDL 8.3 and 8.4 under Linux. Also, if garbage collection is disabled, with `heap_refcount()`, the problem does not happen.

Paulo

On Tuesday, May 5, 2015 at 6:05:44 PM UTC-3, Mike Galloy wrote:

> If I have a routine like this that uses garbage collection and does not
> explicitly free its memory:

```
>  
> pro test  
>   compile_opt strictarr  
>  
>   o = list()  
>   ; obj_destroy, o  
>  
>   exit, status=1  
> end
```

> And, run it from the command line like below, I get a strange error:

```
>  
> $ idl -e test  
> IDL Version 8.4, Mac OS X (darwin x86_64 m64). (c) 2014, Exelis  
> Visual Information Solutions, Inc.  
>  
> % Compiled module: TEST.  
> % Can't return from the main level.  
> % Execution halted at: $MAIN$          8
```

> If I uncomment the OBJ_DESTROY, I get what I want:

```
>  
> $ idl -e test  
> IDL Version 8.4, Mac OS X (darwin x86_64 m64). (c) 2014, Exelis  
> Visual Information Solutions, Inc.  
>  
> % Compiled module: TEST.  
> $ echo $?  
> 1  
>  
> Mike  
> --  
> Michael Galloy  
> www.michaelgalloy.com
```

> Modern IDL: A Guide to IDL Programming (<http://modernidl.idldev.com>)
