## Subject: Re: Passing objects and parenthesis... doing something wrong here?
Posted by chris_torrence@NOSPAM on Wed, 09 Jan 2013 16:35:01 GMT

Hi Helder,

This was a bug, but has now been fixed. However, looking at my change log, it looks like it was fixed for IDL 8.2.

Is it possible that you are running either IDL 8.1, or a beta version of IDL 8.2?

If you want, try the following code:

```
pro test_junk::mymethod
  o1 = obj_new('idlgrplot')
  o1.symbol = obj_new('idl_container')
  print, o1.symbol.nlist
  ; % Attempt to call undefined method: 'IDL_CONTAINER::GetProperty'.
end

pro test_property_on_object
  a = {test_junk, field1: 0}
  a = obj_new('test_junk')
  a->mymethod
end
```

If you get a syntax error when you save and run this, then you must be running an older version of IDL.

Hope this helps!

-Chris
ExelisVIS
p.s. you actually don't need to have a cleanup method for these objects, or call obj_destroy, because the automatic garbage collection will take care of it. :-)

## Subject: Re: Passing objects and parenthesis... doing something wrong here?
Posted by David Fanning on Wed, 09 Jan 2013 16:42:52 GMT

Chris Torrence writes:

> p.s. you actually don't need to have a cleanup method for these objects, or call obj_destroy, because the automatic garbage collection will take care of it. :-)

Although, I would argue that if there is even a remote possibility that your code might escape your office, that failure to have a Cleanup

method will make you vulnerable to considerable embarrassment. :-)

Cheers,

David


--
David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thue. ("Perhaps thou speakest truth.")

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## Subject: Re: Passing objects and parenthesis... doing something wrong here?
Posted by Helder Marchetto on Wed, 09 Jan 2013 16:47:11 GMT

On Wednesday, January 9, 2013 5:35:01 PM UTC+1, Chris Torrence wrote:
> Hi Helder,
>
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>
> This was a bug, but has now been fixed. However, looking at my change log, it looks like it was fixed for IDL 8.2.
>
>
>
> Is it possible that you are running either IDL 8.1, or a beta version of IDL 8.2?
>
>
>
> If you want, try the following code:
>
>
>
> pro test_junk::mymethod
>
>   o1 = obj_new('idlgrplot')
>
>   o1.symbol = obj_new('idl_container')
>
>   print, o1.symbol.nlist
>
>   ; % Attempt to call undefined method: 'IDL_CONTAINER::GetProperty'.
>
> end

---

>
>
>
> pro test_property_on_object
>
>   a = {test_junk, field1: 0}
>
>   a = obj_new('test_junk')
>
>   a->mymethod
>
> end
>
>
>
> If you get a syntax error when you save and run this, then you must be running an older version
of IDL.
>
>
>
> Hope this helps!
>
>
>
> -Chris
>
> ExelisVIS
>
> p.s. you actually don't need to have a cleanup method for these objects, or call obj_destroy,
because the automatic garbage collection will take care of it. :-)

Hi Chris,
thanks for the answer... my heart starts beating again. I get an error with your code on my laptop:

% Expression must be a structure in this context: <OBJREF
(<ObjHeapVar4(IDL_CONTAINER)>)>.
% Execution halted at: TEST_JUNK::MYMETHOD    4 F:\Test\testobjects.pro
%                 TEST_PROPERTY_ON_OBJECT   11 F:\Test\testobjects.pro
%                 $MAIN$

I'm running IDL 8.2.0, Build id: 20120410 (from the help window).

I guess this is a beta version and tonight I will update. At least I know that the code I've written
does not need major rewriting/mending...

Thanks again.

Cheers,

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Helder

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## Subject: Re: Passing objects and parenthesis... doing something wrong here?
Posted by chris_torrence@NOSPAM on Wed, 09 Jan 2013 17:15:40 GMT
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Hey Helder,

If you're going to upgrade, you might as well go straight to IDL 8.2.1.

Cheers,
Chris
p.s. And yes, David, you're right, you always want to have a ::Cleanup method, just in case.

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## Subject: Re: Passing objects and parenthesis... doing something wrong here?
Posted by chris_torrence@NOSPAM on Wed, 09 Jan 2013 17:44:57 GMT
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Hi again,
I'm going to change my original post. You are absolutely correct: This was *not* fixed in IDL 8.2.0.
It was actually a slightly different bug that got fixed. You'll have to upgrade to 8.2.1 to get the bug
fix.
Sorry for the confusion.
-Chris

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