Subject: Confusion about IDLgrViewgroup
Posted by Jianbao on Sat, 27 Aug 2011 15:42:07 GMT

Hello folks,

I encountered a counterintuitive behavior when I was using IDLgrViewgroup. Here is the code.

```
<code>
 viewgroup = obj_new('IDLgrViewgroup')
 xtitle = obj_new('IDLgrText', string = 'x')
 viewgroup->add, xtitle
 xAxis = obj_new('IDLgrAxis', direction = 0)
xAxis->SetProperty, title = xtitle
</code>
```

When I ran this piece of code, IDL gave an error message saying that
% IDLGRAXIS::SETPROPERTY: Objects can only have one parent at a time: TITLE

I got this impression from Modern IDL by Michael Galloy that IDLgrViewgroup is useful to contain attribute objects for convenient destruction. But this example shows that if I use an IDLgrText object as an axis title, I have to destroy it explicitly, which seems absolutely dumb. Or am I missing something here?

Thank you very much.

Subject: Re: Confusion about IDLgrViewgroup
Posted by Michael Galloy on Mon, 29 Aug 2011 18:23:00 GMT

Also, if you are using IDL 8.0 or later, you don't have to worry about
cleaning up at all. I don't necessarily advocate that yet, though, since
you never know who also might want to run your code and what version of
IDL they have.

Mike
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Modern IDL, A Guide to Learning IDL: http://modernidl.idldev.com
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