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Subject: Re: IDL 8, log plots and titles

Posted by [Jeremy Bailin](#) on Wed, 27 Oct 2010 03:30:12 GMT

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On Oct 26, 4:16 pm, Paul van Delst <paul.vande...@noaa.gov> wrote:

> b\_gom wrote:

>> Am I missing something, or is IDL 8 fumbling logarithmic y axes and  
>> plot titles when using the new plot function?

>

>> When plotting log plots, the plot title seems to vanish, and also IDL  
>> does not seem to be able to calculate the y range properly. In the  
>> sample code below, compare the direct graphics output (which handles  
>> the range and title correctly automatically) to the new plot function  
>> output which doesn't seem to be able to figure out what I want:

>

> [test code elided]

>

> My only comment: crikey!

>

> I just ran the same plots as those of the OP but using OG (iplot) rather than NG and I get the  
same behaviour. Anyone

> out there with a v7 install that can run the code using iplot? E.g.

>

> x=findgen(100)/100\*3!\*pi

> y=sin(x)

> iplot,x,y,yrange=[0.1,1],title='Linear Y Axis Works',window\_title='Linear Y Axis Works'

> iplot,x,y,/ylog,yrange=[0.1,1],title='Title Error Log Y Axis',window\_title='Title Error Log Y Axis'

> iplot,x,(y+2)\*10,/ylog,yrange=[1,100],title='Title Error Log Y Axis',window\_title='Title Error Log Y  
Axis'

> iplot,x,(y+2)\*10,/ylog,title='Title Error Log Y Axis',window\_title='Title Error Log Y Axis'

>

> Does one see the same behaviour with v7 OG? Because, if they do that would mean OG has  
been buggy for a while. On the

> plus side, if v7 OG \*does not\* exhibit the same behaviour, it should be easy for ITTVIS to fix  
this in v8 since it's a

> recent introduction. (Right? :o)

>

> To be fair to the ITTVIS folks, it's got to be difficult to test graphics systems. I mean, how do  
you test (unit or

> regression) the sort of problems the OP is encountering?

>

> But, still.....

>

> cheers,

>

> paulv

I don't see a title on any of those.

```
IDL> print, !version  
{ x86_64 darwin unix Mac OS X 7.0.4 Sep 3 2008    64    64}
```

-Jeremy.

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