
Subject: Re: reversing axes ranges with IDL 8 graphics
Posted by [David Fanning](#) on Tue, 15 Oct 2013 23:50:43 GMT
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Ryan Goldsbury writes:

```
> I've recently tried to transition from the old style of plotting to the "function graphics" introduced
> in IDL 8. I very quickly ran into a problem of not being able to recreate plots that were very simple
> to handle under the previous system.
>
> x=findgen(101)*2*!pi/100
> y=sin(x)
>
> plot,x,y,xrange=[0,2*!pi],yrange=[-1,1],psym=3
>
> If I wanted to reverse the direction of the y-axis, this was very simple, and covered here
> http://www.idlcoyote.com/graphics\_tips/reverse\_y.html :
>
> plot,x,y,xrange=[0,2*!pi],yrange=[1,-1],psym=3
>
> But when I try do this with IDL 8 graphics, the order of the two-element yrange vector seems to
> be irrelevant as these two commands produce identical plots:
>
> p=plot(x,y,xrange=[0,2*!pi],yrange=[1,-1],'.')
> p=plot(x,y,xrange=[0,2*!pi],yrange=[-1,1],'.')
>
> Is there a simple way to reverse axes directions like this using the new system?
```

Ah, yes, I remember this was incredibly simple:

http://www.idlcoyote.com/graphics_tips/axis_reverse.html

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
