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Subject: Re: plot range in Object Graphics

Posted by [davidf](#) on Wed, 10 May 2000 07:00:00 GMT

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Brad Gom (b\_gom@hotmail.com) writes:

> If I have a simple x-y plot in object-graphics, how to I make the plot  
> lines extend all the way to the axis borders like they do in direct  
> graphics? For example, the following code produces a line plot that  
> extends flush to the right axis:  
>  
> x=findgen(10)  
> plot, x, sin(x), xrange=[0,8.5], /xstyle  
>  
> If I make an IDLgrPlot object with the same data and xrange, and some  
> IDLgrAxis objects with the proper xrange and yrange, then the plot stops  
> at the last datapoint- namely x=8.  
>  
> Is there an obvious way to fix this that I'm missing?

Uh, well, I get identical results in my object graphics  
XPLOT program (download the latest, there have been some  
changes in most of these object program examples in the  
past week or so) as I do in the direct graphics case.  
Perhaps you are scaling the axes incorrectly. That is  
\*easy\* to do in object graphics.

XPLOT, x, sin(x), xrange=[0,8.5], Exact=[1,0]

The program is available here:

<http://www.dfanning.com/programs/xplot.pro>

Note that the zip files in this directory have NOT  
yet been updated with the program changes from the  
past two weeks. Maybe later this week. :-)

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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