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Subject: Re: Oplot in multiple plots (extending over 2 pages)  
Posted by [David Fanning](#) on Fri, 18 Nov 2011 14:28:26 GMT  
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Cristina writes:

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> I've searched the forum concerning overplotting of data on plots other
> than the last draw one. I can do this restoring the system variables
> in the way indicated when I have only plots on one page, i.e. 4 plots
> in 1 page set with p!.multi:
> !p.multi=[0,2,2]
> plot,[0,10], & x1=!x & y1=!y & p1=!p
>   plot,[0,10], & x1=!x & y2=!y & p2=!p
>   plot,[0,10], & x2=!x & y3=!y & p3=!p
>   plot,[0,10], & x3=!x & y4=!y & p4=!p
>   !x=x1 & !y=y1 & !p=p1 & oplot,[10,5]
> This overplots data in plot 1.
> But when I have 7 plots extending over 2 pages (in a .ps output
> file), i.e.:
>   !p.multi=[0,2,2]
>   plot,[0,10], & x1=!x & y1=!y & p1=!p
>   plot,[0,10], & x2=!x & y2=!y & p2=!p
>   plot,[0,10], & x3=!x & y3=!y & p3=!p
>   plot,[0,10], & x4=!x & y4=!y & p4=!p
>   plot,[0,10], & x5=!x & y5=!y & p5=!p
>   plot,[0,10], & x6=!x & y6=!y & p6=!p
>   plot,[0,10], & x7=!x & y7=!y & p7=!p
>
>   !x=x1 & !y=y1 & !p=p1 & oplot,[10,5]
>   !x=x2 & !y=y2 & !p=p2 & oplot,[10,5]
>   !x=x3 & !y=y3 & !p=p3 & oplot,[10,5]
>   !x=x4 & !y=y4 & !p=p4 & oplot,[10,5]
>   !x=x5 & !y=y5 & !p=p5 & oplot,[5,0]
>   !x=x6 & !y=y6 & !p=p6 & oplot,[5,0]
>   !x=x7 & !y=y7 & !p=p7 & oplot,[5,0]
> I then get the 7 plots, but overplotting only works in the 5,6 and
> 7th (although data that should have been overplotted in the 1-4th
> plots are plotted over the 5,6&7th too) and there are also data
> plotted in the white space of the possible 8th plot.
```

I am afraid you are going to have to figure out some way to do your overplotting before you leave the PostScript page.

Cheers,

David

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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