
Subject: Re: Oplot in multiple plots (extending over 2 pages)

Posted by [Cristina](#) on Mon, 21 Nov 2011 12:20:55 GMT

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On Nov 18, 3:28 pm, David Fanning <n...@dfanning.com> wrote:

> Cristina writes:

>> 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

>

- > --
- > David Fanning, Ph.D.
- > Fanning Software Consulting, Inc.
- > Coyote's Guide to IDL Programming:<http://www.idlcoyote.com/>
- > Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Do you mean that once !p.multi clears the page (with the 0 in [0,2,2]) is impossible to keep track of the system variables of those plots? or am I doing something wrong?

Thanks!
