
Subject: Re: oplot

Posted by [Thibault Garel](#) on Tue, 26 Jan 2010 12:35:15 GMT

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It does not work... It still oplots everything on the last plot...

I must keep only the "x1save = !x y1save = !y " after the "plot" and the "!x = x1save !y = y1save" before the "oplot", thats it?

Are the " ; Master save

xsave = !x

ysave = !y"

and " ; Master restore

!x = xsave

!y = ysave "

lines respectively at the beginning and the end of the script are useful? Should I add them?

Thank you for your help!

> Hi, thanks for your answers. I should have mentionned that i want to

> save the plots as .ps then i use :

>

> set_plot, 'ps'

> device, filename='myplots.ps',/color,bits_per_pixel=8

>

> device, /close

>

> and what you proposed seems not to work with such environment.

> Is it possible to arrange that?

> Thanks!

>

>> mgalloy wrote:

>

>>> I think you want something like:

>

>>> if (i eq 0) then begin

>>> window, /free

>>> win1 = !d.window

>>> plot, x1, y1

>

>>> window, /free

>>> win2 = !d.window

>>> plot, w1, z1

>

>>> ...

>>> endif else begin

>>> wset, win1

```

>>> oplot, x2, y2
>
>>> wset, win2
>>> plot, w2, z2
>
>>> ...
>>> endelse
>
>> And you might want to save the !X and !Y sysvars after each PLOT and then restore then
>> before each OPLOT for each of the two plots, e.g.
>
>> ; Master save
>> xsave = !x
>> ysave = !y
>
>> if (i eq 0) then begin
>>   window, /free
>>   win1 = !d.window
>>   plot, x1, y1
>>   x1save = !x
>>   y1save = !y
>
>>   window, /free
>>   win2 = !d.window
>>   plot, w1, z1
>>   x2save = !x
>>   y2save = !y
>
>>   ...
>> endif else begin
>>   wset, win1
>>   !x = x1save
>>   !y = y1save
>>   oplot, x2, y2
>
>>   wset, win2
>>   !x = x2save
>>   !y = y2save
>>   oplot, w2, z2
>
>>   ...
>> endelse
>
>> ; Master restore
>> !x = xsave
>> !y = ysave
>
>> Probably overkill, but still...

```

```
>  
>> cheers,  
>  
>> paulv  
>  
>
```
