
Subject: Re: oplot

Posted by [Paul Van Delst\[1\]](#) on Mon, 25 Jan 2010 18:29:52 GMT

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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 them 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
