
Subject: using !P.MULTI to oplot to different regions
Posted by [T Bowers](#) on Thu, 06 May 1999 07:00:00 GMT
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If I create 2 windows that'll each hold 2 plots in a column with...

```
!P.MULTI = [0,1,2]
window,1,xsize=350,ysize=700
window,2,xsize=350,ysize=700
```

then I plot in them with

```
wset,1
plot, lambdas[*], absorption1[*] ;plot in window 1, top
plot, lambdas[*], attenuation1[*] ;plot in window 1, bottom
wset,2
plot, lambdas[*], absorption2[*] ;plot in window 2, top
plot, lambdas[*], attenuation2[*] ;plot in window 2, bottom
```

[code to screw with the data]

Now I want to overplot in each window / region again

```
!P.MULTI = [2,1,2]
wset,1
oplot, lambdas[*], absorption1[*] ;plot in window 1, top
oplot, lambdas[*], attenuation1[*] ;plot in window 1, bottom
wset,2
oplot, lambdas[*], absorption2[*] ;plot in window 2, top
oplot, lambdas[*], attenuation2[*] ;plot in window 2, bottom
```

I **thought** that !P.MULTI = [2,1,2] command would tell IDL that I have 2 plots to go, so oplot into the top portion of each window, but it oplots onto the bottom plot of each window. I also tried that !P.MULTI = [1,1,2], still oplotted onto bottom plot. I also tried moving the !P.MULTI = [2,1,2] command after the wset,1 and wset,2 commands, but it **always** oplots over the bottom plot. What gives?

thanks,
todd

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