
Subject: Extension to "Overplotting Data on !P.MULTI Plots"
Posted by [raphael.schefold](#) on Fri, 11 Jul 2003 11:35:16 GMT
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After overplotting data on !P.MULTI Plots it is sometimes necessary to plot the axis, titles etc again to have the axis (which is mostly black) drawn over your data lines (which are often colored). But plot, data, /noerase, /nodata jumps to the next plot window. For that, !p.multi(0)!=p.multi(0)+1 helps, as you can see in the following code.

I am posting, because I met several people who were confused about that.

-Raphael

Example code for "nodata noerase plot after overplotting Data on !P.MULTI Plots":

```
!P.MULTI= [0, 2, 2]
```

```
p_sav=replicate(!p, 4)  
x_sav=replicate(!x, 4)  
y_sav=replicate(!y, 4)
```

```
for i=0, 3 do begin  
  plot, [0,1], [0, 1], title=string(i), /nodata  
  p_sav(i)!=p & x_sav(i)!=x & y_sav(i)!=y  
end
```

```
for i=0, 3 do begin  
  !p=p_sav(i) & !x=x_sav(i) & !y=y_sav(i)  
  oplot, [.5], [.5], psym=i  
end
```

```
for i=0, 3 do begin  
  !p=p_sav(i) & !x=x_sav(i) & !y=y_sav(i)  
  !p.multi(0)!=p.multi(0)+1  
  plot, [0,1], [0, 1], title=string(i), /nodata, /noerase  
end
```
