Subject: Re: Plotting one Title in a multiplot Window
Posted by davidf on Fri, 12 Dec 1997 08:00:00 GMT

Roger Zimmermann writes:

> How can we plot one headline/title in a multplot
> window (36 boxes) w/ Direct Graphics ?

Normally when you set up a multiplot window:

  !P.Multi = [0, 6, 6]

IDL calculates the size of the plots based on the entire
window. What you want to do is save some room at the top
for a title for the entire window. You do this with the
!Y.OMargin (Y Outside Margin) system variable. Margins,
you recall, are set in *character* units, so this code
is not completely machine portable (you have to experiment
a little), but I have had success with something like this:

  !Y.OMargin = [2, 4]
  !P.Multi = [0, 6, 6]
  For j=0,35 DO Plotting(j)
  XYOutS, 0.5, 0.9, /Normal, 'Plot Title', Size=2, Align=0.5

Cheers,

David

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Subject: Re: Plotting one Title in a multiplot Window
Posted by Evilio del Rio on Fri, 12 Dec 1997 08:00:00 GMT

On Fri, 12 Dec 1997, Roger Zimmermann wrote:

> Hi all,
> how can we plot one headline/title in a multplot window (36 boxes) w/
> Direct Graphics ?
>

> should be something like:
>
> !P.MULTI = [0,1,1]
> xyouts, 0.,0.98,headline,/NORMAL
> !P.MULTI = [0,6,6]
Try:

 !P.MULTI = [6*6,6,6] ; the !P.MULTI[0L] = 6*6 tells IDL that there
 ; are still 6*6 plots to be done so the next plot will not
 ; erase the window. If !P.MULTI[0L] = 0, IDL erases the
 ; window before the first plot.

> for i = 0, 5 do begin
>   for j = 0, 5 do begin
>   plot, data[i,j,*], ...
>   endfor
> endfor
>

Cheers,

_____ ____

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"Anywhere you choose,/ Anyway, you're gonna lose"- Mike Oldfield