Subject: Re: switching between >2 graphs (IDL)??
Posted by hartman on Fri, 14 Jul 1995 07:00:00 GMT

In <3u1ui4$eoa@newsreader.wustl.edu> lrn@wuphys.wustl.edu (Larry Roger Nittler) writes:

> Jan Willem Hartman (hartman@fys.ruu.nl) wrote:
> : Hello all,

> : I would like to be able to plot my data point after point, in two
> : graphs. So, point1 in graph1, point1 in graph2, point2 in graph1,
> : point2 in graph2 etc., in one window. Is there a way to switch back
> : and forth between the several graphs on a window?
> : If anyone knows and is willing to tell me, thanks in advance.

> Hi,

> If you have 2 different plots in two different windows,
> what you need to do is save the !P, !X and !Y system variables
> between plots. For example:

> wset,1
> plot,x1,y1,psym=4,xrange=[5,15],yrange=....
> savep1=!p
> savex1=!x
> savey1=!y
> wset,2
> plot,x2,y2,...
> savep2=!p
> savex2=!x
> savey2=!y

> ;Now to plot another point in plot 1:
> wset,1
> !p=savep1
> !x=savex1
> !y=savey1
> oplot,x1_new,y1_new ;or plots or whatever.
> :
> :
> :
>   etc

> I don't know if this will work with both plots in the same window (you
> might need to do stuff with the position keyword)

> Hope this helps,

> Larry

Thanks a lot; this works very well. Also thanks to the people who responded to me by e-mail.

JanWillem