On 27 Nov 2001 06:48:09 -0800, Ray Muzic <muzic@uhrad.com> wrote:
> Is it just me or does 'PRINTER' device ignore (x,y)
> position specified in the TV command?
> : TV, Image [, X, Y [, Channel]]
>
> I am trying to put three images next to each other on a page.
> Of course I could make a single array with the composite
> image but that seems unnecessary as the 'PS' device honored
> the "x,y,/centimeters", arguments specified in TV.
> It seems to be more than the 'PRINTER' device just ignoring
> /centimerers since I tried x position of 600 (dots) on a
> 600 dpi printer and the image position was not altered.
>
> Comments?
> Workarounds?
>
> Ray Muzic

I do exactly what you mention, overlaying 1,2 or 3 images on a graph page
using tv and the ps device. You do set the !p.multi correctly? Here's what
I do (some of the commands are other procedures I've written):

;this is the procedure to put an image into the graph window:
;first, you add [1,0,0,0,0] to !p.multi, forcing it not to erase the window
;on the second plot command. then, you use the x,y,xsize=,ysize=, /inches
;keywords to specify that you want the image in a certain place and a certain
;size on the plot window.
;;;;;;;;;;;;;;;;;;;CAN YOU BELIEVE IT? I ACTUALLY DOCUMENTED SOMETHING!!!!!!;;
pro graphpic,edata,graphdata,imagedata
back=!p.multi
!p.multi=back+[1,0,0,0,0]   ;this disables clearing plot window.
pgsize, 15   ;this size seems good (in mm, square image).
plot, edata,graphdata,xtitle='Energy (eV)',ytitle='Counts',$
xstyle=1,yrange=[0,1000]
tvscl, rebin(imagedata,186,186),3.7,3.7,xsize=1.8,ysize=1.8,/inches
arrow, 1.8548,550,1.8567,850,/data,/solid
psoff
!p.multi=back
end

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