
Subject: Re: PRINTER device, TV, and image position

Posted by [muzic](#) on Wed, 28 Nov 2001 14:54:06 GMT

[View Forum Message](#) <> [Reply to Message](#)

Steve,

I can do it with the 'PS' device. I am now trying to add 'PRINTER' device support.

nobody@nowhere.com (Steve Smith<steven_smith>) wrote in message news:<slrna07f0a.84g.nobody@pooh.nrel.gov>...

> 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.

> pgsz, 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
```
