
Subject: Re: Multiple image plots in postscript
Posted by [thompson](#) on Wed, 17 Mar 1993 16:46:19 GMT
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jdlb@kukui.ifa.hawaii.edu (J-F Pitot de La Beaujardiere) writes:

> kevin@dipl.rdd.lmsc.lockheed.com (Kevin Anderson) writes:

>> Does anybody know how to put multiple image plots on 1
>> page in postscript using pvwave CL?
>> [...]
>> The only way I have discovered to get multiple image plots
>> on the same postscript page is to use the position parameter
>> when calling tv or tvscl, but now the problem is the images
>> are again scaled to the entire size of the plot area.

> Because PostScript has scalable pixels, you must specify the xsize and
> ysize parameters, as well as the position parameter, in TV or TVSCL.
> I don't know about PV-Wave, but the following works in IDL:

```
> ; Display four images in a 2x2 grid  
> ; Assume data(x,y,4) = array containing the 4 images  
  
> set_plot, 'ps'           ;request PostScript output  
> device, ...              ;modify page size, orientation, etc. as desired  
> ximsize = 0.5*!d.x_size ;define output image size  
> yimsize = 0.5*!d.y_size ;note: 0.5 assumes 2x2 grid  
> for i=0,3 do begin       ;display the 4 images, using i as position index  
>   tv, data(*,*,i), i, xsize=ximsize, ysize=yimsize  
> endfor
```

> Hope this helps,
> Jeff

```
>      % Jeff de La Beaujardiere % jdlb@mamane.ifa.hawaii.edu %  
>      % Institute for Astronomy %      808-956-9843      %  
>      % University of Hawai'i %      fax 956-9402      %
```

This sounds like another one for the new FAQ.

Bill Thompson
