
Subject: window graphics resizing after setting to ps device

Posted by [Tony L](#) on Wed, 24 Nov 1999 08:00:00 GMT

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I have a widget routine I've written that outputs an image to a graphics window where the width and height of the window are adjusted based on the size of the data array. I have the device set to 'WIN' with the set_plot command (NT box) and open the window with a line like this:

```
window,0,title=filename,xsize=factx,ysize=facty
```

All this works fine, I can plot a number of elements in this dataset with no problems. However, I then have a widget button that outputs this to a postscript file. I calculate the image size in a similar way to how I've done it for the graphics window, open the device using set_plot,'ps' and set the device using a line such as:
device,/port, file= filename ,/color,bits_per_pixel=8
and output using something like:

```
tv,bytsc1(reim,min=nowmin,max=nowmax,top=!d.table_size-1),$  
!x.window(0),!y.window(0),$  
xsize=x_pos-!x.window(0),$  
ysize=y_pos-!y.window(0),/norm
```

and then I close the postscript device. All this works fine but when I then go to plot another data element in the graphics window, and this ONLY happens after outputting a file to postscript, the plot displays in the window resized to a smaller horizontal dimension (the window size remains the same but the x width of the plot is smaller). Anybody have any quick ideas what I might be doing wrong? I realize it's tough without looking at all the code. Thanks

Tony
