Subject: Re: Intermittent plotting problem Posted by David Fanning on Fri, 05 Oct 2001 01:03:10 GMT

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George Hawkins (hawkins@aavso.org) writes:

- > I have a plotting program running on a windows computer.
- > and the problem is sometimes it works and sometimes it
- > doesn't (the exact same program with nothing changed).
- > When it doesn't work, most of the plot is made fine,
- > except that none of the lines from the "Plots" commands
- > are drawn. The gist of the program is ...

>

- > window,1,xsize=782*3,ysize=1020*3,/pixmap
- > plot,x,y,psym=3

>

- plots,[.04..23],[.925..925],color=255,/normal,thick=3.0,line style=0
- plots,[.23,.23],[.925,.96],color=!d.n colors-1,/normal,thick =3.0,linestyle=0

>

- write_png,filename,not(tvrd())
- > wdelete.1

- > Rebooting sometimes solves the problem but not always.
- > Does anyone have the answer to this intermittent problem?

Color decomposition. :-)

I'm going to predict that when the program works color decomposition is turned OFF (Device, Decomposed=0), and when it doesn't work color decomposition is turned ON (Device, Decomposed=1). I'm going to further assert (I'm feeling really bold today) that you don't have any idea what the color decomposition state is when you execute these commands. :-)

I'll even offer a postulate. The program will work more often than it does now if you change !D.N Colors to !D.Table Size.

Rebooting will indeed sometimes solve the problem (although it seems a bit over the top to me), but knowing where you are when you draw graphics always works more reliably for me.

Cheers,

David

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