Subject: Re: WIN device color and backgnd reset after set_plot command

Posted by David Fanning on Sun, 22 Jan 2006 05:21:35 GMT

guillaume.drolet.1@ulaval.ca writes:

> I've been trying to find an answer to this question but unsuccessfully:
>
> In my IDL start up script, I switch the default WIN device background
> and color (!d.background & !d.color) to white and black, respectively.
> However, when I write a Post Script file (set_plot, 'PS') and then get
> back to the WIN device, the device background and color are resetted to
> the default values.
>
> Does anyone have any solution or trick for avoiding such a behavior?

Yes, don't use indices 0 and 255 for *anything*, and
always use a white background color for your WIN device.
Then everything will work *perfectly*. :-)

```
  !P.Background = 254
  !P.Color = 253
  TVLCT, 255, 255, 255, 254 ; White.
  TVLCT, 0, 0, 128, 253 ; Navy blue.
  Device, Decomposed=0
```

Then, like this:

```
  Plot, findgen(11)
  thisDev = !D.Name
  Set_Plot, 'ps'
  Device, /Color, Bits=8
  Plot, findgen(11)
  Device, /Close
  Set_Plot, thisDev
```

PS file looks like the display, and visa versa. :-)

And, possibly, if you *really* want to do this correctly,
use FSC_COLOR to specify your colors. In other words,

```
  PLOT, findgen(11), Color=FSC_Color('Navy'), $
    Background=FSC_Color('white')
```

always works, too. And you don't have to muck around with
!P.Color, etc.

  http://www.dfanning.com/programs/fsc_color.pro

Cheers,

David
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Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: http://www.dfanning.com/