
Subject: Q: 8bit color tables in NT 24 bit display
Posted by [suarezm](#) on Fri, 13 Aug 1999 07:00:00 GMT
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Hi there, can anyone tell me if there is a Windows device equivalent to the X DEVICE, PSEUDO=8 ?

I'd really rather not have to change my display through the control panel every time I'd like to use color tables. I need to display 8-bit images with a color table and multi-colored plots.

Thanks,
-Manuel Suarez

Subject: Re: Q: 8bit color tables in NT 24 bit display
Posted by [Liam Gumley](#) on Mon, 16 Aug 1999 07:00:00 GMT
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David Fanning wrote:

>
> Liam Gumley (Liam.Gumley@ssec.wisc.edu) writes:
>
>> You *can* use color tables in 24-bit mode; you just can't modify them
>> interactively and have the changes immediately show up in images or
>> graphics which have previously been displayed.
>
> Uh, well, *I* use color tables interactively in my programs
> in 24-bit color, and *my* changes show up immediately--or
> at least fast enough so that none of my customers complain. :-)
>
> As a matter of fact, it is easy enough to get programs to
> work equally well in 8-bit or 24-bit mode if you know a
> couple of things about how colors work and have the right
> tools. If you don't believe me, ask anyone in my IDL
> programming class this week. *They* know how to do this. :-)

Indeed it is quite straightforward (with some programming time and effort) to get colors to update interactively in 24-bit mode if you design a *program* which detects when the color table is changed, and then updates the appropriate graphics windows, either by re-executing the display command, or by TVRDing and then TVing the contents of the window(s).

But in the context of the original posting, where I believe the poster was talking about basic operations at the IDL *command-line* such as TVSCL and PLOT, I'll stand by my comments.

Cheers,
Liam.

--

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