Subject: how to revert to 8-bit color?
Posted by Mark Fardal on Mon, 03 Mar 1997 08:00:00 GMT
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Hi,

I tried using IDL on the spiffy new Sun Ultra-1 here. All is fine,
except IDL insists on using 24-bit color for the plotting window,
and since I depend on a particular color table this is quite annoying.
I stuck
idl.gr_visual: PseudoColor
in my .Xdefaults, and also issued the command
device,pseudo_color = 8
before creating a window. Neverthelsess, help,/device shows
Display Depth, Size: 24 bits, (1280,1024)
Visual Class: DirectColor (5)
Bits Per RGB: 8
Physical Color Map Entries (Used / Total): 256 / 256
Colormap: Private, 16777216 colors. Translation table: Bypassed
plus other stuff. And yes, 8-bit color is supported on this display
according to xdpyinfo.

What am I doing wrong?

Thanks,
Mark Fardal
University of Colorado

Subject: Re: how to revert to 8-bit color?
Posted by Robert Moss on Tue, 04 Mar 1997 08:00:00 GMT
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Mark Fardal wrote:
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> What am I doing wrong?
>
> Thanks,
> Mark Fardal
> University of Colorado

You probably need to tell IDL the depth you want as well as the class.
Make sure you have both of these in your .Xdefatls:

idl.gr_visual: PseudoColor #type of visual
idl.gr_depth: 8 #depth of visual

You shouldn't need the device call if you do this.
--
Robert M. Moss, Ph.D. - mossrm@texaco.com - FAX (713)954-6911
---------- -----
This does not necessarily reflect the opinions of Texaco Inc.

Subject: Re: how to revert to 8-bit color?
Posted by Phil Williams on Tue, 04 Mar 1997 08:00:00 GMT
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Mark Fardal wrote:
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>
> What am I doing wrong?
>

Are your .Xdefaults getting loaded?

At the UNIX prompt try

unix% xrdb -query

to see if they made it into the db. If not then merge them into the db
by

unix% xrdb -merge ~/.Xdefaults

Good luck,
Phil

--
/** ********/
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Imaging Research Center another man spills..."
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/** ********/