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Subject: Re: True colors and IDL

Posted by [Georg Kettmann](#) on Wed, 17 Apr 1996 07:00:00 GMT

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williams wrote:

>

> Jeffrey Newmark wrote:

>>

>> Hi,

>>

>> I am running IDL 4.0.1 on a DEC AlphaStation (Digital UNIX) with  
>> a 24 bit monitor. I routinely display a large number of 1024x1024  
>> images from FITS files. These images are displayed using 1 of 4  
>> color tables we have added to the standard IDL set. I am presently  
>> setting device,pseudo\_color=8 since I haven't found a QUICK  
>> way to create the TRUECOLOR images on the fly.

>>

>> Anyhow, the trouble I'm having is that the proper color table is  
>> not being set unless I also bring up XLOADCT. After the color  
>> table is loaded once I can get rid of XLOADCT and it will still  
>> use the proper color table for future images in the same IDL session.  
>> Therefore, once I get the 4 color tables loaded I can get rid of  
>> XLOADCT but this is a pain not to mention silly.

>>

>> Does anyone know if this is a feature, bug, or pilot error????  
>> Is there something I'm not setting in my .Xdefaults??

>>

>> lost in color.....thanks in advance.

> Jeff,

>

> As I have just found out, the order of the statments in your .Xdefaults  
> file matters. For instance, idl.colors should come before idl.visual.

>

> Hope this helps

I have seen the same problem on an OpenVMS machin and fixed it by running this  
little procedure from the startup procedure (I guess I extracted it from  
XLOADCT):

PRO init\_ct

```
; Initialize color table. With the E3 graphics, color tables are not realized  
; properly with just calling LOADCT and plotting. This little hack fixes the  
; problem (although I really don't know why!)
```

```
;
```

```
; G. Kettmann, MP Ae, 24-Aug-1995
```

```
base = WIDGET_BASE()
```

```
show = WIDGET_DRAW(base)
WIDGET_CONTROL, base, /REALIZE
widget_control, base, /destroy
```

END

I'm not familiar with Unix. Is there an equivalent to the .Xdefaults file which should be edited for a proper solution of the problem?

Georg.

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