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Subject: <sigh> My color question

Posted by [mole6e23](#) on Wed, 07 Nov 2001 22:31:19 GMT

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Hi all...

I swear I've spend the past several hours reading posts about it and trying different things, but it just wasn't working. I just installed a new dual processor system, and put on RedHat 7.2. I get IDL loaded, fire it up, and put in a simple command such as `tv, dist(512,512)` and get this image with vertical bars running through it. The same thing happens with Craig's `plotimage` routine.

So, I looked around, and added the following lines to my IDL startup file:

```
if( !version.os_family eq 'unix' ) then device, true_color=24
window, /free, /pixmap, colors=-10
wdelete, !d.window
device,decomposed=0, retain=2
device, get_visual_depth=depth
print, 'Display depth: ', depth
print, 'Number of colors: ', !d.n_colors
```

Nothing really gets any better. (and I do get a display depth of 24 bit). To boot, when I try loading color tables and replotting the image, the colors in the image don't change, but the position of the vertical bands in the image do.

You can see the results here:

This one is using Craigs `plotimage` (`plotimage, bytscl(dist(512,512))`)  
<<http://checont6.ucsd.edu/todd/idl/dist.jpeg>>

This one is using `tv` (`tv, dist(512,512)`)  
<<http://checont6.ucsd.edu/todd/idl/disttv.jpeg>>

Here is help, `/device`:

Available Graphics Devices: CGM HP LJ NULL PCL PRINTER PS REGIS TEK X  
Z

Current graphics device: X

Server: X11.0, The XFree86 Project, Inc, Release 40100000

Display Depth, Size: 24 bits, (1152,864)

Visual Class: DirectColor (5)

Bits Per RGB: 8 (8/8/8)

Physical Color Map Entries (Used / Total): 256 / 256

Colormap: Private, 16777216 colors. Translation table: Bypassed

Graphics pixels: Combined, Dither Method: Ordered  
Write Mask: 16777215 (decimal) ffffff (hex)  
Graphics Function: 3 (copy)  
Current Font: <default>, Current TrueType Font: <default>  
Default Backing Store: Pixmap.

Thanks for any insight... I had seriously hoped to be able to avoid  
posting a color problem, but I'd rather get work done than look good.

Todd

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