Subject: <sigh> My color question
Posted by [mole6e23](#) on Wed, 07 Nov 2001 22:31:19 GMT
[View Forum Message](#) <> [Reply to Message](#)

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