
Subject: unexpected colors

Posted by [Ben Tupper](#) on Mon, 22 May 2000 07:00:00 GMT

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Hello,

I'd like to say that my code has only had 1 error in the last three versions, but I don't want any of you to get a hernia from giggling. Wow!

I have a widget application with two separate draw widgets. The first has GRAPHICS_LEVEL = 2 (object graphics), the second has GRAPHICS_LEVEL not set to anything (direct graphics.) I am using Liam's IMDISP, but I have also used David's TVIMAGE and plain old vanilla TV. Here's the trouble, I'm getting a beautiful image displayed in lovely colors... but it is supposed to be greyscale. Even if I call LoadCT,0 just prior to displaying the image, I get a colored image instead.

I have narrowed down the occurrence, but not the reason or the solution. Below is the snippet that shows where/when it occurs.

```
;-----START
Wset,ImageWin
IMDISP, Grid, Bottom = Bottom, NColors = NColors, Out_Pos = OutPos
Plot, DataX, DataY, Psym = 1, Position = OutPos, /Normal, $
/noErase, Color = !D.Table_Size-1

;Colors fine here

oPreViewDrawWin -> Draw, oView

;now the colors have changed

;-----END
```

The object graphics are rendered correctly (placement and colors.)

I include added system information below.

```
IDL> help, !version,/str
** Structure !VERSION, 5 tags, length=40:
ARCH      STRING  'sparc'
OS        STRING  'sunos'
OS_FAMILY STRING  'unix'
RELEASE   STRING  '5.2'
```

BUILD_DATE STRING 'Oct 30 1998'

IDL> help,/device

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

Current graphics device: X

Server: X11.0, Sun Microsystems, Inc., Release 3610

Display Depth, Size: 8 bits, (1152,900)

Visual Class: PseudoColor (3)

Bits Per RGB: 8

Physical Color Map Entries (Used / Total): 210 / 256

Colormap: Shared, 210 colors. Translation table: Enabled

Graphics pixels: Combined, Dither Method: Ordered

Write Mask: 255 (decimal) ff (hex)

Graphics Function: 3 (copy)

Current Font: <default>, Current TrueType Font: <default>

Default Backing Store: Req from Server.

Window Status: -----

id typ(x, y, backing store) id typ(x, y, backing
store)

0: Win(640, 512, Req from Server) 33: Pix(768, 600,
None)

Any suggestions? Thanks

Ben

Debugger Emiritus

Center for Error Free Code the First Time

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