Subject: IDL postscript graphics
Posted by IDLmastertobe on Fri, 07 Oct 2005 22:42:09 GMT

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hi everyone,

i am trying to print a 3D image in postscript format. I used to get the
image and print the image into ps just the way i would print it as jpeg.
but i found the quality is not good at all. Dr. Fanning suggested to use
IDLgrClipboard and i am using the following code (most of the code were
continued on from previous programmer):

```
 name=getinput('Enter File Name')
   file=dialog_pickfile(title='please select a directory',/directory)
   IF file EQ '' THEN RETURN

; Reconstruct the color table:
TVLCT, r,g,b,  /GET

filename = file + name + '.ps'

!P.FONT=0

; Set the plotting device to PostScript:
SET_PLOT, 'ps'

DEVICE, /TIMES, FONT_INDEX=3
DEVICE, /SYMBOL, FONT_INDEX=7

DEVICE, file=filename, BITS_PER_PIXEL=8, /COLOR

LOADCT, 0

clipboard = Obj_New("IDLgrClipboard", Dimensions=[4,3], Units=1, $
    Resolution=[2.54/300., 2.54/300.])
  clipboard->Draw, sState.oView, Filename=filename, /PostScript, /Vector
  Obj_Destroy, clipboard

; Close the file:
DEVICE, /CLOSE
set_plot,'win'
```

however i found in the resulting ps file, the image is a white plane.
there is no color at all. i tried to play with the colortable and found no
solution. does anyone know why? I appreciate your time and patience.