
Subject: Re: strange postscript error on certain IDL plots
Posted by [David Fanning](#) on Wed, 05 Nov 2014 16:10:35 GMT
[View Forum Message](#) <> [Reply to Message](#)

David Fanning writes:

> P.S. I doubt this has anything to do with IDL, though. Do you have
> example code to create the PostScript file?

No attempt to get anything right, except the same kind of plot you are
creating. It works great for me! Using IDL 8.2.3 on Windows.

```
image = cgDemoData(7)
image = cgScaleVector(image, -200.0, 1500.)
map = cgMap('Equirectangular', Limit=[-90, -180, 90, 180])
image = Shift(image, 180, 0)
dims = Size(image, /Dimensions)
lons = cgScaleVector(Findgen(dims[0]), -180, 180)
lats = cgScaleVector(Findgen(dims[1]), -90, 90)
cgLoadCT, 0
pos = [0.1, 0.3, 0.9, 0.9]
map -> SetProperty, Position=pos
cgDisplay
cgImage, image, Position=pos, /Scale, /Save, $
  XRange=[-180,180], YRange=[-90,90]
cgColorbar, Range=[Min(image), Max(image)], $
  Position=[0.1, 0.1, 0.4 , 0.15]
map -> Draw
cgMap_Grid, /Box, Map=map
conColors = ['red6', 'grn6', 'yellow', 'blu6']
TVLCT, cgColor(conColors, /Triple), 1
cgContour, image, lons, lats, Levels=[500, 750, 1000, 1200], $
  /Fill, /Overplot, Map=map, C_Colors=Bindgen(4)+1B
cgColorBar, Range=[500, 1200], Divisions=3, $
  Position=[0.6, 0.1, 0.9 , 0.15], NColors=4, Bottom=1
END
```

Code I used to create the plot:

```
IDL> cgPS_Open, 'test.ps'
IDL> .Run ps_example
IDL> cgPS_Close, /PNG, DELETE_PS=0
```

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
