
Subject: Re: Behaviour of colorbar title in z-buffer?
Posted by [rjp23](#) on Fri, 28 Feb 2014 10:40:46 GMT
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On Thursday, February 27, 2014 5:02:43 PM UTC, David Fanning wrote:

> No. Can I see some code, please. :-)

I've trimmed it down to just what I think the relevant bits are. Doing the same thing but changing the z-buffer stuff to ps_start/ps_end gives what I'd expect.

Thanks

Rob

```
;open z-buffer
thisDevice = !D.Name
  Set_Plot, 'Z', /COPY
```

```
Device, Set_Resolution=[resx,resy], Z_Buffer=0
  Erase
```

```
;plot map
  map_set,/grid,/continents,limit=plot_lat_min,plot_lon_min,plot_lat_max,plot_lon_max],glinethick=2,ymargin=0,xmargin=0,position=[posx1, posy1, posx2, posy2],mlinethick=2, color=0, /noerase
```

```
;do some plotting stuff here
<snip>
```

```
;set colorbar coordinates
cposx1=0.2
cposy1=0.08
cposx2=0.6
cposy2=0.09
```

```
title='Altitude [m]'
format='(I6)'
minval=0
maxval=5000
```

```
;plot colorbar
colorbar,range=[minval,maxval],/vertical,title=title, $
position=[cposx1, cposy1, cposx2, cposy2],ncolors=254, thick=4, charthick=2, format=format, color=255, charsize=1.5
```

```
;get plot from z-buffer  
snapshot = TVRD()  
  TVLCT, r, g, b, /Get  
  Device, Z_Buffer=1  
  Set_Plot, thisDevice
```

```
image24 = BytArr(3, resx, resy)  
  image24[0,*,*] = r[snapshot]  
  image24[1,*,*] = g[snapshot]  
  image24[2,*,*] = b[snapshot]
```

```
Write_png, png_filename+'.png', image24
```
