
Subject: Yet Another IDL 8.2.3 Anomaly with Window Refresh
Posted by [David Fanning](#) on Tue, 18 Jun 2013 17:04:51 GMT
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Folks,

I have some function graphics code that produces a box axes on a map. Because this involves a lot of "after the fact" manipulation, I usually turn window refreshing off so the user doesn't have to see all the machinations. But, the window refresh has seemingly gone South in IDL 8.2.3.

Here is an example program. It works perfectly until you set the REFRESH keyword. Then, you just see a big cross in the graphics window. :-(

```
.*****  
,  
PRO Window_Refresh_Bug, Refresh=refresh  
win = Window()  
IF Keyword_Set(refresh) THEN win.refresh, /Disable  
mp = Map('Equirectangular', CENTER_LONGITUDE=180, $  
    BOX_AXES=1, GRID_LATITUDE = 30, GRID_LONGITUDE = 45, $  
    LABEL_POSITION=0, LIMIT=[-89.99, 0, 89.99, 360], CURRENT=win)  
mp['Latitudes'].label_angle=90  
mp['Longitudes'].label_angle=0  
grid = MapGrid( $  
    LONGITUDE_MIN=0, LONGITUDE_MAX=360, $  
    LATITUDE_MIN=-90, LATITUDE_MAX=90, $  
    GRID_LONGITUDE=45, GRID_LATITUDE=30, $  
    LABEL_POSITION=1, CURRENT=win)  
FOREACH g,grid.latitudes DO g.label_angle=270  
FOREACH g,grid.longitudes DO g.label_angle=0  
c = MapContinents(Color=!Color.red)  
IF Keyword_Set(refresh) THEN win.refresh  
END  
.*****  
,
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
Sepore ma de ni thue. ("Perhaps thou speakest truth.")
