
Subject: save a map in a pdf or eps file using GUI FSC_Psconfig Coyote routine

Posted by [k_ghreep](#) on Tue, 29 May 2012 00:39:45 GMT

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Dear all,

Using Coyote Graphics routines, I wrote IDL code to plot and visualize a meteorological stations on a map as function of longitude and latitude.

I had got a nice map. But when I tried to save the output in a eps file. I had noticed the points:-

- 1- the plotting Device is a black before saving the map in eps file.
- 2- in the eps file, the countries names are not on the corrected place and collected on the page corner of eps file

how i can correct this problem and add contours showing stations elevations elevation on the map?

????????????? my code as follows

pro stat_k

```
data=fltarr(3,33)
```

```
f='C:\Documents and Settings\station.prn'
```

```
;f='test_ebert.txt'
```

```
openr,lun,f,/get_lun
```

```
readf,lun,data
```

```
free_lun,lun
```

```
lat      = reform(data[0,*])
```

```
lon      = reform(data[1,*])
```

```
elev     = reform(data[2,*])
```

```
;?????????????????????????????
```

```
psobject=obj_new("FSC_PsConfig", /color, /EnCapsulate, /Time, /Bold,  
filename="k.eps")
```

```
;?????????
```

```
Device, Decomposed=0, Get_Decomposed=currentColorModel
```

```
Window, /Free, XSize=500, YSize=600
```

```
;?????
```

```
psobject-> gui
```

```
thisDevice=!D.Name
```

```
Set_plot,"ps"
```

```
Device, _Extra=PSObject ->GetKeyWords(FontType=fontype)
```

```
;?????????
```

```

TVLCT, FSC_Color(soil_colors, /Triple), 1

Erase, Color=FSC_Color('white')

map_set, /cylindrical, 0,0, limit=[19,08,38,28],/continent,/grid, $
      /NoErase, Position=[0.1, 0.1, 0.8, 0.9] ; mercator ;
cylindrical

cgText,380,250,/device, 'Egypt', CHARSIZE=1.5,font=1,ORIENTATION=90.0
cgText, 200,300,/device, 'Libya', CHARSIZE=1.5,font=1,ORIENTATION=0.0
cgText, 350,75,/device, 'Sudan', CHARSIZE=1.5,font=1,ORIENTATION=45.0
  cgText, 200,100,/device, 'Chad',
CHARSIZE=1.5,font=1,ORIENTATION=0.0
  cgText, 100,100,/device, 'Niger',
CHARSIZE=1.5,font=1,ORIENTATION=0.0
  cgText, 70,250,/device, 'Algeria',
CHARSIZE=1.5,font=1,ORIENTATION=90.0
  cgText, 60,420,/device, 'Tunisia',
CHARSIZE=1.5,font=1,ORIENTATION=45.0
  cgText, 125,450,/device, 'The Mediterranean Sea',
CHARSIZE=1.5,font=1,ORIENTATION=0.0
  cgText, 150,20,/device, 'Longitude',
CHARSIZE=1.5,font=1,ORIENTATION=0.0

  cgText, 25,300,/device, ' Latitude',
CHARSIZE=1.5,font=1,ORIENTATION=90.0
soil_colors = ['purple', 'dodger blue', 'dark green', 'lime green', $
  'green yellow', 'yellow', 'hot pink', 'crimson']
SOILC = fltarr(n_elements(lat))
TVLCT, FSC_Color(soil_colors, /Triple), 1
soilc_colors = BytScl(soilc, Top=7) + 1B

for i = 0, n_elements(lat)-1 do begin
PlotS, lon(i)/1000., lat(i)/1000., PSym=SymCat(15),
Color=soilc_colors, SymSize=0.5
endfor

map_continents,/coasts,/countries, Color=FSC_Color('charcoal')

Map_Grid,/box, Color=FSC_Color('charcoal')

Device,/close_File
set_plot, thisDevice
obj_Destroy, psObject

```

Device, Decomposed=currentColorModel
end

????????????

thanks
