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 00:41:28 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
