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Subject: save a map in a pdf or eps file  
Posted by [k\\_ghreep](#) on Mon, 28 May 2012 17:54:06 GMT  
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Dear all,  
I wrote IDL code to visualize a Libyan map using Coyote Graphics routines as follows  
?????????????  
pro Libyan\_map

```
Device, Decomposed=0, Get_Decomposed=currentColorModel  
Window, /Free, XSize=500, YSize=600  
data=fltarr(3,33)
```

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

```
openr,lun,f,/get_lun  
readf,lun,data  
free_lun,lun
```

```
lat      = reform(data[0,*])  
lon      = reform(data[1,*])  
elev     = reform(data[2,*])
```

```
;?????????????????????????  
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 = filtarr(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, Decomposed=currentColorModel
end

???????????
I had got a nice map and I would like to save it in a pdf or eps
file for using later.
could you please tell, how I can do this?
thanks

```

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