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Subject: Wrapping image on polar projection  
Posted by [Vinay](#) on Wed, 26 Feb 2014 20:58:46 GMT  
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Hi folks,

Was anyone out there successful in wrapping images on polar projection using 'cg' routines. Most of the other examples essentially uses cgCoutour. OK here is where, I got stuck.

My data is similar to the example given in  
[http://www.idlcoyote.com/map\\_tips/warptomap.php](http://www.idlcoyote.com/map_tips/warptomap.php)

-----My code-----

```
Filein = 'test1.sav'
RESTORE, Filein
Help, image, lats, lons

S = Size(image)
lat = Rebin(lats, s(1), s(2))
lon = Rebin(lons, s(1), s(2))
image1 = Bytscl(image,min = 0.0, max = 0.15,/NaN )

cgDisplay, Title='Polar Projection'

map = Obj_New('cgMap', 'Polar Stereographic', LIMIT=[60, -180, 90, 180], Center_Lat=90,
Center_Lon=180, POSITION=[0.05, 0.05, 0.95, 0.95])

warped = cgWarpToMap(Image1, lon, lat, MAP=map, MISSING=0, Resolution=[400, 300],
/SetRange)
cgImage, warped, Position=[0.1, 0.1, 0.9, 0.9]
cgMap_Grid, Map=map, /Label, Color='Blue'
cgMap_Continents, MAP=map, Color='Blue'
cgMap_Continents, MAP=map, Color='Blue', /Countries
```

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It will be great, if anyone has any suggestions!!

Thanks,

Vinay

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