
Subject: Wrapping image on polar projection
Posted by [Vinay](#) on Wed, 26 Feb 2014 20:58:46 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hi folks,

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

My data is similar to the example given in
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
```

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

Thanks,

Vinay
