
Subject: Re: Wrapping image on polar projection
Posted by [Vinay](#) on Thu, 27 Feb 2014 17:57:02 GMT
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On Wednesday, February 26, 2014 11:58:46 AM UTC-9, Vinay wrote:

> 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

> -----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
```

So true, the data is low-resolution and limits the ability to get good results. Yes, the gridded methods 'works' fine with quite acceptable results. Thankyou for your time.

Cheers!!
