
Subject: Re: Wrapping image on polar projection

Posted by [David Fanning](#) on Wed, 26 Feb 2014 21:10:38 GMT

[View Forum Message](#) <> [Reply to Message](#)

Vinay writes:

> 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!!

Have you read this article:

http://www.idlcoyote.com/code_tips/usegriddata.html

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

