
Subject: Re: map_proj_* help

Posted by [R.G. Stockwell](#) on Mon, 08 Jun 2009 00:55:53 GMT

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"mankoff" <mankoff@gmail.com> wrote in message

news:639e6c95-085f-4405-b19e-0b8867508c55@e20g2000vbc.google groups.com...

> Dear Mapping Experts,

>

> I began converting from using map_set to map_proj_* about a year ago.

> I've used it successfully in a few situations, but still frequently

> find myself wrestling with it and not getting small details to line

> up. Not that small details always line up with MAP_SET... I'm writing

> today about two specific problems.

>

> =====

>

> 1) I have 3 vectors (lat, lon, data) that I would like to map.

> Specifically, I'd like to export a PNG of the data for Google Earth,

> which means it needs to be in /CYLINDRICAL projection, and as far as I

> know /ISO is not required. For Google Maps I'd need to use /MERCATOR

> but for now I'm just starting with Google Earth.

for google earth, try:

```
mapStruct = MAP_PROJ_INIT(117, LIMIT=limit, $  
    CENTER_LONGITUDE=180)
```

```
PLOT, mapStruct.uv_box[[0,2]],mapStruct.uv_box[[1,3]] , $  
    /NODATA, ISOTROPIC=0, XSTYLE=5, YSTYLE=5,$  
    xtickname = blank_string(10),ytickname=blank_string(10),$  
    position = [0,0,1,1]
```

(just as a start, that may help with the "line up" problem.

cheers,

bob
