
Subject: Re: Printf Latitudes & Longitudes in a MAP using IDL

Posted by [btt](#) on Wed, 02 Nov 2005 13:10:21 GMT

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IDEAL wrote:

```
> Hello ,
>
>     Trying to use IDL to grid data to a MAP. I need some help on
> displaying latitudes and longitudes in a MAP using IDL.
>
> I have the data to be shown on the map in img3 variable
>
> and here is the code I am using for showing the data in a MAP
>
> latmin = 15
> latmax = 60
> lonmin = -140
> lonmax = -50
>
> MAP_SET, /cylindrical,LIMIT=[latmin, lonmin, latmax, lonmax]
> img3 = MAP_IMAGE(img1,Startx,Starty, COMPRESS=1,LATMIN=latmin,
> LONMIN=lonmin,LATMAX=latmax, LONMAX=lonmax)
>
> ;Display the warped image on the map at the proper position:
> tvscl,img3 ,Startx,Starty
>
> ; Draw continent outlines:
> MAP_GRID, /BOXAXES,latdel=10, lonel=10, latlab=-139, lonlab =
> 15,/LABEL,/HORIZON
>
> ; Draw gridlines over the map and image:
> MAP_CONTINENTS, /coasts, /countries
>
> I get the latitudes and longitudes values along the inside border of
> the bounding box created by MAP_SET. How can I show the values of the
> latitudes and longitudes outside the bounding box created by MAP_SET
>
>
>     Thank You
>
Hi,
```

I think you have omitted the underscore in the BOX_AXES keyword. The BOXAXES keyword, which doesn't exist is quietly ignored since the MAP_GRID routine accepts _EXTRA keywords. This has always been a sore spot for me... note that MAP_GRID accepts the keyword NO_GRID but FLTARR accepts the keyword NOZERO. Bah!

Cheers,

Ben

PS And don't get Andrew Cool started on the keyword COLO(U)R!
