Subject: Re: Printinf Latitudes & Longitudes in a MAP using IDL
Posted by Andrew Cool on Thu, 03 Nov 2005 01:39:28 GMT
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Ben Tupper wrote:
> 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, londel=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!

Sir,

You defame me most unjustly! :-(

After 14 years with IDL, I can speak Yank with the best of them.

Y'all have a Nice Day now.

Andrew