
Subject: sec : U Re: Fitting a map to an image
Posted by [Andrew Cool](#) on Thu, 06 Jun 2002 23:22:13 GMT
[View Forum Message](#) <> [Reply to Message](#)

Sean Raffuse wrote:

>
> Hello.
>
> I have an image of known size and flat geocoordinates. I want to overlay
> the US states vector in a display window on top of the image. My problem is
> that I cannot get the two to match up properly. There seems to be a border
> on the vector, but the image draws to the edge of the window. I tried using
> the noborder keyword on my call to map_set and also tried setting the !x and
> !y margins to zero. No luck. Can you help? Here is the relevant code. . .

I may as well throw in the example...

PRO USA

Device, decomposed=0

window

LoadCT, 40

!P.position=[0.1,0.1,0.9,0.9]

lowerlat = 25

upperleftlat = 50

upperleftlon = 360-140

rightlon = 360-60

map_set,40,-110,0,limit=[lowerlat,upperleftlon,upperleftlat, rightlon],/merc

image = DIST(800,250)

geo_warped_image = map_image(image,startx,starty,\$

 LATMIN = lowerlat,\$

 LATMAX = upperleftlat,\$

 LONMIN = upperleftlon,\$

 LONMAX = rightlon,\$

 COMPRESS = 1)

TV, BYTSCL(geo_warped_image), startx,starty,/device

map_continents, /usa, color = 200, mlinethick=2

MAP_GRID,/BOX,color = 200

END

Andrew D. Cool .->-.
Electromagnetics & Propagation Group '-<-'
Intelligence, Surveillance & Reconnaissance Division Transmitted on
Defence Science & Technology Organisation 100% recycled
PO Box 1500, Edinburgh electrons
South Australia 5111

Phone : 061 8 8259 5740 Fax : 061 8 8259 6673
Email : andrew.cool@crapdsto.defence.gov.au
Please remove the crap from my email address to reply ;-)
