
Subject: Re: Map Function Question

Posted by [David Fanning](#) on Thu, 19 Apr 2012 14:14:39 GMT

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David Fanning writes:

> How hard can it be to make an image the proper size?
> I've been doing nothing but that for 20 years! I would
> be happy to supply Excels my cglImage code, if they
> can't find it on the Internet on their own.
>
> Sheesh! The main reason I can't work with Function Graphics
> is that my blood pressure gets out of control. :-(

OK, I *finally* figured this out. It turns out that
I need to set the ASPECT_RATIO=0 keyword on the
map projection, too, to make this work!

```
scaledData = Byte(Value_Locate(levels, data))
im = IMAGE(scaledData, x, y, RGB_TABLE=rgb, XRANGE=xrange, $
  YRANGE=yrange, GRID_UNITS='degrees', $
  POSITION=[0.1,0.1,0.9,0.9], ASPECT_RATIO=0)
mp = map('EQUIRECTANGULAR', LIMIT=limit, LABEL_POSITION=0, $
  POSITION=[0.1,0.1,0.9,0.9], /CURRENT, ASPECT_RATIO=0)
mc = MapContinents(FILL_COLOR='dark gray', LIMIT=limit)
grid = mp.mapgrid
grid.color='dark gray'
grid.label_color='black'
grid.linestyle = 2
grid.transparency = 25
```

One and a half days to do this. You must have infinite
patience, my friend!

Cheers,

David

--

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Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
