Subject: Re: Map Function Question
Posted by David Fanning on Thu, 19 Apr 2012 14:31:50 GMT
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alx writes:

> Maybe I do not fully understand what you exactly want.
> But I think that everything can be obtained with an adequate
> combination of POSITION, ASPECT_RATIO keywords and CONVERTCOORD, SCALE
> and TRANSLATE functions (even ROTATE if you like).
> For example, with the yesterday example, you can exactly and entirely
> fill your window by doing:
> im = IMAGE(scaledData, x, y, RGB_TABLE=rgb, ASPECT_RATIO=0, $
> XRANGE=xrange, YRANGE=yrange, GRID_UNITS='degrees',
> POSITION=[0.0,0.0,1.0,1.0])
> map = map('EQUIRECTANGULAR', LIMIT=limit, ASPECT_RATIO=0,
> POSITION=[0.0,0.0,1.0,1.0], /CURRENT)
> Is'nt it ?

Yes, the key point is the undocumented ASPECT_RATIO keyword
on the map projection. It only took me 15 minutes to think of
trying *that*. Maybe I'm beginning to think like a
Function Graphics expert!

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.")