
Subject: Re: I'm doing something wrong with map_image
Posted by [David Fanning](#) on Tue, 31 May 2011 21:41:28 GMT
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almost_like_a_metaphor writes:

- > The image is map projected, yes, but at 3000x1500, one pixel is some
- > fraction of a degree. AND my data locations are at some other
- > fractional degree values.

So? What does this matter? I presume you don't have a display this large, do you?

- > I wanted to take a chunk of the map, plot the grid lines over it, and
- > then my data outline. I have coordinates for that, and can do plots or
- > polyfill pretty easily. The issue I'm having is aligning the grid with
- > my image.

Well, the grid uses latitude and longitude values just like whatever it is you are putting on the map with PlotS or Polyfill. I don't understand how you could be having problems "aligning" it, unless I don't understand what "aligning" means in this context.

- > In my fondest wishes, I'd want to have the image slice
- > displayed in the frame of my map_grid grid, which I can then plot the
- > grid lines and data outline on top of.

I'm not sure what you mean by "image slice". Do you mean a subset of your image? What is the "frame of the map grid"?

You talk as if you were working with rectangles, which of course map projections aren't. Perhaps you want to be working in projected meter space, rather than lat/lon space, where rectangles make a lot more sense. :-)

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.")
