
Subject: v8: Little love for astronomers?

Posted by [Matt Haffner](#) on Fri, 01 Apr 2011 21:24:28 GMT

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ITTVIS,

Despite some concerns over the speed of plotting, there are many things I like about NG. However, the new map and image routines have reverted to be (or in some cases are still) very "geo"-centric. I ran across these items right away in trying to display images from the sky on map projections:

1) Grid labels always have cardinal directions appended and don't seem to be able to be given custom labels like regular plotting. Delving into the code, it looks like they are statically applied, unfortunately.

2) No built-in way to display a projection with longitude running opposite the geocentric (top-down) convention. My current DG codes negate longitudes to fake this, but it's a pain interacting with the plot afterwards. It would be great to stop having to do this!

3) The ability to use 0-360 for longitude ranges. I've had to have a parallel version of MAP_SET for years to allow this.

Those are the ones off the top of my head after fooling around with these new routines for about a day or so. If others have already found workarounds for any of these, I'd love to hear. But it'd be great getting them into the base since many of us use it heavily.

mh
