Subject: Re: Map Projection Bug Posted by R.Bauer on Fri, 16 Jan 2009 12:00:34 GMT View Forum Message <> Reply to Message completly FOSS http://www.scipy.org/Cookbook/Matplotlib/Maps http://matplotlib.sourceforge.net/gallery.html and not java;) cheers Reimar David Fanning schrieb: > cgpadwick@gmail.com writes: > >> I see what you are getting at now. !MAP indeed does not change during >> the successive calls. I think your theory that there is an >> undocumented internal variable is sound. thanks for posting this, >> I'll keep this in mind when working with the map stuff. > > In a discussion today among NSIDC programmers it was pointed > out that the reason we built some of our own map re-gridding > software was that the GCTP map projection software was > not re-entrant. That is to say, this problem is built > directly into the GCTP software and not necessarily something > ITTVIS has introduced. Of course, the GCTP software > is *extremely* old now, and anyone doing map projections > professionally is probably using some version of the proj4 > software. > > My personal belief is that the map projection software

- > in IDL has exceeded its shelf life. Useful map projections
- > (equal area cylindrical, for example) are missing, others
- > use only spherical projections, when most of the world
- is using ellipsoid projections, etc.

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- > I really hate to admit this, but more and more of IDL
- > is becoming irrelevant to me. It's always good for a guick
- > one-off, but there are better tools for doing particular
- jobs, and I'm becoming increasingly motivated to learn them.

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> Cheers,

> David