
Subject: Re: Map Projection Bug
Posted by [R.Bauer](#) on Fri, 16 Jan 2009 12:00:34 GMT
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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.

>

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

>

> Cheers,

>

> David
