Subject: Re: Image Warp Success?

Posted by penteado on Tue, 09 Feb 2010 21:16:59 GMT

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On Feb 9, 6:52 pm, David Fanning <n...@dfanning.com> wrote:

- > My inability to get a reasonable result with MAP_PROJ_IMAGE
- > has turned out to be at least partly due to an incredibly
- > embarrassing error in my MapCoord object, which I use to
- > work around many of the reentrant limitations of the
- > MAP PROJ *** routines.

>

- > If the desired map projection was passed into the object
- > as a string (e.g., 'UTM') rather than as an index
- > (e.g., 101), then the wrong map projection information
- > was saved in the object. I rarely use map projection
- > names, which is probably why it took me so long to discover
- > this grievous error. :-(

I think I ran into that problem yesterday, but I thought it was because I did not know the right way to use mapcoord. Since the result kept showing the default projection, I changed from setting it by name to setting it by number.

Also, I noticed that if I give a sphere_radius to mapcoord::setmapprojection, I get a

% Tag name DATUM is undefined for structure MAPCOORD.

from the line (in the version I have, 628) self.datum.semimajor axis = sphere radius

Which looked to me like it should have self.thisdatum, instead of self.datum. Or was I not using it right?

Anyway, Catalyst is much appreciated. It made my widget programs much nicer, and my life much easier.