
Subject: Re: Image Warp Success?

Posted by [penteado](#) on Tue, 09 Feb 2010 21:16:59 GMT

[View Forum Message](#) <> [Reply to Message](#)

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.
