

California DMV is charging us 10x what South Dakota did for car registration.

Just to keep some relevance to this post, you'll have to use the TriGrid and Triangulate functions to map your data to a map projection.

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Subject: Re: Using map projections to display images
Posted by [Liam Gumley](#) on Tue, 25 Aug 1998 07:00:00 GMT
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seanr@possys.com wrote:

- > Does anyone have a good example to display an image warped to an arbitrary map
- > projection? (perfered projection would be transverse mercator)

<http://cimss.ssec.wisc.edu/~gumley/imagemap.html> may be of use.

Cheers,
Liam.

Subject: Re: Using map projections to display images
Posted by [davidf](#) on Tue, 25 Aug 1998 07:00:00 GMT
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Sean Rumelhart (seanr@possys.com) writes:

- > I'm trying to take digital air photo data with a known ground sample distance
- > resolution and a single georeference point (taken from a GPS receiver) and
- > display it in an arbitrary map projection. I have looked at the documentation
- > for MAP_SET, MAP_IMAGE, and MAP_PATCH. Using the example provided in the
- > documentation of MAP_PATCH, I have managed to get the image to come up in the
- > right projection, but I am unsure how to keep the resolution of the image the
- > same.

IDL just doesn't have the capability to display an arbitrary map projection on an image. You must do the opposite and display an image on an arbitrary map projection. Thus, it is VERY likely that the "resolution" of your image is going to change. Just no way around it at the moment, I'm afraid, although I do hear from several people a month who would like to see this kind of functionality.

