Subject: Re: get image data of projected scenes
Posted by David Fanning on Wed, 01 Dec 2010 20:29:20 GMT
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chris writes:

> Oh, no, it's not complex data. I meant missing data and measured data.
> However, the measured data is only in a small stripe and I definitely
> need it in a matrix without missing data. How can I achieve this
> without reprojecting or rotating?

Is the strip a rectangle? Do you know the corners of the rectangle?
Convert the corners from lat/lon coordinates to XY coordinates and
fit an XY grid over your image at whatever resolution you like.
Interpolate your image at the xy locations of your grid. Now you
have an XY projected image in a rectangular array. If you need
the pixel locations in lat/lon just convert them back to lat/lon
space with Map_Proj_Inverse.

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.dfanning.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")