Subject: Re: Error with MapProjection::Forward
Posted by David Fanning on Wed, 27 Nov 2013 18:41:28 GMT
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David Fanning writes:

> A vector of X and Y projected meter values associated with the image can
> be constructed like this:
>
>   dims = Image_Dimensions(googleImage, XSIZE=xsize, YSIZE=ysize)
>   xvec = cgScaleVector(Dindgen(xsize) + 1, xrange[0], xrange[1])
>   yvec = cgScaleVector(Dindgen(ysize) + 1, yrange[0], yrange[1])
>
> If you wanted to trim 50 pixels of the left of the image and 100 pixels
> off the right of the image. You might do something like this:
>
>   googleImage = googleImage[*, 50:xsize-100, *]
>
> You will have to re-define your xrange accordingly:
>
>   xrange = [xvec[50],xvec[xsize-100]]

By the way, these are the details of how this is done, more or less. In practice, I would use cgClipToMap from the Coyote Library to do this in one go. :-)

Cheers,

David

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