
Subject: Re: Conversion Between UTM and Lat/Lon Coordinates

Posted by [David Fanning](#) on Sun, 20 Jan 2008 17:55:45 GMT

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David Fanning writes:

> I have a geoTiff image in a UTM projection. And I have
> the corners and center of the image in UTM coordinates.
> To put political boundaries on this image, I need to
> create the proper UTM map projection space. In order
> to do that, it seems to me, I need to know the center
> of the map projection (or image) in latitude and longitude
> space. (Since MAP_PROJ_INIT seems to require this.)
>
> Therefore, it seems to me I need to convert my UTM
> coordinates to lat/lon coordinates. I have found
> JAVA applets on the Internet to do that, but it would
> be nice to have a little IDL program to do it. Does
> anyone have such a thing? Would you like me to publish
> it on my web page so you can become famous? :-)

Uh, well... It seems IDL is already set up to do this. :-)

Here is an article that describes how:

http://www.dfanning.com/map_tips/utm_to_ll.html

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.")
