Subject: Re: Retrieve pixel values from GeoTIFF
Posted by penteado on Sat, 27 Nov 2010 20:06:20 GMT

On Nov 27, 4:53 pm, mankoff <mank...@gmail.com> wrote:
> I'm trying to get the pixel values (color) from a GeoTIFF file when I
> have lat,lon arrays. I have the projection set up using MAP_PROJ_INIT,
> and using MAP_PROJ_FORWARD I can convert from my latitude and
> longitude to map coordinates, but the map coordinates appear to be in
> units meter from some reference location. What is the best routine to
> convert from lat,lon (or u,v) to x,y indices?

It seems that map_proj_forward() can do what you want, you are just
not giving it the right projection parameters. What is in the geotiff
structure?