
Subject: Re: getting GeoTiff Information

Posted by [penteado](#) on Mon, 16 Aug 2010 17:22:21 GMT

[View Forum Message](#) <> [Reply to Message](#)

On Aug 16, 2:04 pm, Steve McAlister <s.mcalist...@gmail.com> wrote:

> geotiff keyword from read_tiff will give me projection information in

> structure of GeoTiff like:

>

> MODELPIXELSCALETAG

> DOUBLE Array[3]

> MODELTIPOINTTAG

> DOUBLE Array[6, 1]

> GTMODELTYPEGEOKEY

> INT 1

> GTRASTERTYPEGEOKEY

> INT 1

> GEOGLINEARUNITSGEOKEY

> INT 9001

> GEOANGULARUNITSGEOKEY

> INT 9102

> PROJECTEDCSTYPEGEOKEY

> INT 26713

>

> But, I want something more sensible for users to read like:

>

> PCS: 'NAD83 / Massachusetts Mainland'

> Projection: 'SPCS83 Massachusetts Mainland zone (m)'

> MapSys: 'STATE_PLANE_83'

> Zone: 2001

> CTProjection: 'CT_LambertConfConic_2SP'

> ProjParm: [7x1 double]

> ProjParmId: {7x1 cell}

> GCS: 'NAD83'

> Datum: 'North American Datum 1983'

> Ellipsoid: 'GRS 1980'

Yes, the structure uses the numeric codes. Maybe David's geocoord (<http://www.dfanning.com/documents/programs.html#GEOCOORD>) can be useful in translating them into names.

Also, see

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