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Subject: Re: getting GeoTiff Information

Posted by [Steve McAlister](#) on Mon, 16 Aug 2010 17:04:04 GMT

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On Aug 16, 10:47 am, Paulo Penteado <pp.pente...@gmail.com> wrote:

> On Aug 16, 1:41 pm, Steve McAlister <s.mcalist...@gmail.com> wrote:

>

>> Hello all!

>

>> I am aware of the 'geotiffinfo' command in

Matlab.<http://www.mathworks.de/access/helpdesk/help/toolbox/map/ref/geotiffi...>

>

>> Do you know of equivalent way of converting geotiff structure to a

>> readable format using IDL only (without ENVI)?

>

>> Thanks a lot for help!

>

>> Steve

>

> Sounds like the geotiff keyword to read\_tiff().

Hi Paulo,

geotiff keyword from read\_tiff will give me projection information in structure of GeoTiff like:

```
MODELPIXELSCALETAG
    DOUBLE  Array[3]
MODELTIEPOINTTAG
    DOUBLE  Array[6, 1]
GTMODELTYPEGEOKEY
    INT      1
GTRASTERTYPEGEOKEY
    INT      1
GEOGLINEARUNITSGEOKEY
    INT      9001
GEOGANGULARUNITSGEOKEY
    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'

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