
Subject: How to extract Geokey & Geotag from GeoTiff file
Posted by [dlopezaspe](#) on Thu, 12 Mar 2015 15:32:02 GMT
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Hello IDLers'

I'm working with IDL 7.1 & GDAL 1.10, I need modify my older IDL script for write directly from IDL to geotif file... My problem can't know how extract Geokey & Geotag from GeoTiff file UTM projection 19 WGS-84....

Any Idea

Subject: Re: How to extract Geokey & Geotag from GeoTiff file
Posted by [David Fanning](#) on Thu, 12 Mar 2015 15:45:05 GMT
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dlopezaspe@gmail.com writes:

> I'm working with IDL 7.1 & GDAL 1.10, I need modify my older IDL script for write directly from IDL to geotif file... My problem can't know how extract Geokey & Geotag from GeoTiff file UTM projection 19 WGS-84....

```
IDL> void = Read_TIFF('myTiffFile.tif', GEOTIFF=geoinfo)
IDL> Help, geoinfo
```

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: How to extract Geokey & Geotag from GeoTiff file
Posted by [dlopezaspe](#) on Thu, 12 Mar 2015 16:07:44 GMT
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On Thursday, March 12, 2015 at 12:45:10 PM UTC-3, David Fanning wrote:

> dlopezaspe@gmail.com writes:

>

>> I'm working with IDL 7.1 & GDAL 1.10, I need modify my older IDL script for write directly from IDL to geotif file... My problem can't know how extract Geokey & Geotag from GeoTiff file UTM projection 19 WGS-84....

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> IDL> Help, geoinfo
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> David
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> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Thanks David!!!

but something is wrong

```
IDL> void = Read_TIFF('2000_clasif.tif', GEOTIFF=geoinfo)
% Loaded DLM: TIFF.
IDL> help, geoinfo
GEOINFO      STRUCT  = -> <Anonymous> Array[1]
```

Subject: Re: How to extract Geokey & Geotag from GeoTiff file
Posted by [David Fanning](#) on Thu, 12 Mar 2015 16:16:39 GMT
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dlopezaspe@gmail.com writes:

>
> On Thursday, March 12, 2015 at 12:45:10 PM UTC-3, David Fanning wrote:
>> dlopezaspe@gmail.com writes:
>>
>>> I'm working with IDL 7.1 & GDAL 1.10, I need modify my older IDL script for write directly
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UTM projection 19 WGS-84....
>>
>> IDL> void = Read_TIFF('myTiffFile.tif', GEOTIFF=geoinfo)
>> IDL> Help, geoinfo
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>> Cheers,
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>> David
>> --
>> David Fanning, Ph.D.
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>> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>
>> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

```
>
> Thanks David!!!
>
> but something is wrong
>
>
>
> IDL> void = Read_TIFF('2000_clasif.tif', GEOTIFF=geoinfo)
> % Loaded DLM: TIFF.
> IDL> help, geoinfo
> GEOINFO      STRUCT  = -> <Anonymous> Array[1]
```

IDL> Help, geoinfo, /Structure

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>

Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Subject: Re: How to extract Geokey & Geotag from GeoTiff file

Posted by [dlopezaspe](#) on Thu, 12 Mar 2015 16:21:38 GMT

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On Thursday, March 12, 2015 at 1:16:44 PM UTC-3, David Fanning wrote:

> dlopezaspe@gmail.com writes:

>

>>

>> On Thursday, March 12, 2015 at 12:45:10 PM UTC-3, David Fanning wrote:

>>> dlopezaspe@gmail.com writes:

>>>

>>>> I'm working with IDL 7.1 & GDAL 1.10, I need modify my older IDL script for write directly from IDL to geotif file... My problem can't know how extract Geokey & Geotag from GeoTiff file UTM projection 19 WGS-84....

>>>

>>> IDL> void = Read_TIFF('myTiffFile.tif', GEOTIFF=geoinfo)

>>> IDL> Help, geoinfo

>>>

>>> Cheers,

>>>

>>> David

>>> --

>>> David Fanning, Ph.D.

```

>>> Fanning Software Consulting, Inc.
>>> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
>>> Sepore ma de ni thue. ("Perhaps thou speakest truth.")
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>> Thanks David!!!
>>
>> but something is wrong
>>
>>
>>
>> IDL> void = Read_TIFF('2000_clasif.tif', GEOTIFF=geoinfo)
>> % Loaded DLM: TIFF.
>> IDL> help, geoinfo
>> GEOINFO      STRUCT  = -> <Anonymous> Array[1]
>
> IDL> Help, geoinfo, /Structure
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

```

that's right

```

IDL> data_variable=READ_TIFF('/media/2tbdl/modis/mod13a3/raw/ndvi
/monthly/tif/zonas/tif/2000_clasif.tif', GEOTIFF=GeoKeys)
IDL> HELP, GeoKeys, /STRUCTURE
** Structure <211cb98>, 9 tags, length=120, data length=114, refs=1:
  MODELPIXELSCALETAG
      DOUBLE  Array[3]
  MODELTIEPOINTTAG
      DOUBLE  Array[6, 1]
  GTMODELTYPEGEOKEY
      INT      1
  GTRASTERTYPEGEOKEY
      INT      1
  GTCITATIONGEOKEY
      STRING   'WGS 84 / UTM zone 19S'
  GEOGCITATIONGEOKEY
      STRING   'WGS 84'
  GEOGANGULARUNITSGEOKEY
      INT      9102
  PROJECTEDCSTYPEGEOKEY

```

INT 32719
PROJLINEARUNITSGEOKEY
INT 9001

Thanks a Lot!!! David
I have nice day!!

Subject: Re: How to extract Geokey & Geotag from GeoTiff file
Posted by [micofelicio](#) on Mon, 13 Jul 2015 05:48:59 GMT
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Exactly what I was looking for! Thank you!
