Subject: Re: IDL reading tiff files

Posted by TANG Jian on Sat, 22 Feb 2014 11:19:00 GMT

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```
here are some tiff_dump info
```

```
IDL> tiff dump, 'test.tif'
% Compiled module: TIFF_DUMP.
Tiff File: byte order=II, Version =
                                  42
*** IFD
            0 starting at offset:
                                    8
   14 directory entries
ImageWidth
                   (256)UShort = 7200
ImageLength
                   (257)UShort = 3600
BitsPerSample
                    (258)UShort = 16
                    (259)UShort = 8
Compression
PhotometricInterpretation (262)UShort = 1
StripOffsets
                 (273)ULong<Cnt=3600> = 29054 30176 31284 32431 33544 34698 35835
36969 38119 39292 40463 41675 42896 44126 45355 46592
SamplesPerPixel
                     (277)UShort = 1
RowsPerStrip
                   (278)UShort = 1
StripByteCounts
                    (279)ULong<Cnt=3600> = 1122 1108 1147 1113 1154 1137 1134 1150
1173 1171 1212 1221 1230 1229 1237 1263
PlanarConfiguration
                     (284)UShort = 1
                 (317)UShort = 2
Predictor
SampleFormat
                    (339)UShort = 1
                   (33550)Double<Cnt=3> = 0.050000000 0.050000000 0.00000000
<PrivateTag>
<PrivateTag>
                   (33922)Double<Cnt=6> = 0.00000000 0.00000000 0.00000000 -180.00000
90.000000 0.00000000
IDL>
```

```
> Hello everyone,
>
> I have a problem when using read_tiff to read tif file with IDL 8.2.3(win32).
> It looks like this
> IDL> image = read_tiff('2013092118.tif',/VERBOSE)
> % READ_TIFF: Warning: Unknown field with tag 317 (0x13d) encountered
```

```
>
  % READ_TIFF: AdobeDeflate compression support is not configured
>
>
  When I use query_tiff, it returned with 0 which means failure...
>
>
> But when I asked a friend of mine who use IDL(8.2) on a mac, with simple command "
read_tiff('18.tif') ", she can get data read.
  but if she use query_tiff, she still get 0 return. It is very weird.
>
>
  I am wondering if it has something to do with tiff library.
>
>
>
> the test file is here
  ttps://www.dropbox.com/s/4xz32rsiseyzabk/test.tif
>
>
>
  for further information in this file
>
  it has only one layer, which is 7200*3600, and the data is arranged in 16-bit unsigned ints
>
>
  if you have the same problem or you have any solution for this, please share with us.
>
>
> Thank you for your time.
```