
Subject: need some help reading dng files.

Posted by [fututre.keyboard](#) on Mon, 01 Apr 2013 23:02:53 GMT

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Hi, Folks

I have some camera raw files in DNG format that I would like to be able to read in IDL. I read that DNG is an open format and is a special kind of TIFF. But I don't really know how to make use of the adobe DNG specification and import the raw data. I tried `query_tiff` and `read_tiff` and I can get some information but they are mostly wrong and I don't get any useful data. Any hints? Thanks and have a nice day!

Eugene

```
IDL8.2> print,query_tiff(imfn,info)
```

```
% Loaded DLM: TIFF.
```

```
1
```

```
IDL8.2> help, info
```

```
** Structure <110f5160>, 18 tags, length=144, data length=132, refs=1:
```

```
CHANNELS      LONG      3
DIMENSIONS     LONG   Array[2]
HAS_PALETTE    INT       0
IMAGE_INDEX    LONG      0
NUM_IMAGES     LONG      1
PIXEL_TYPE     INT       1
TYPE           STRING   'TIFF'
BITS_PER_SAMPLE LONG      8
ORIENTATION    LONG      1
PLANAR_CONFIG  LONG      1
PHOTOMETRIC    LONG      2
POSITION       FLOAT   Array[2]
RESOLUTION     FLOAT   Array[2]
UNITS          LONG      2
TILE_SIZE      LONG   Array[2]
DESCRIPTION    STRING   ""
DOCUMENT_NAME  STRING   ""
DATE_TIME      STRING   '2013:03:31 10:15:53'
```

```
IDL8.2> imdata=read_tiff(imfn)
```

```
% READ_TIFF: Incorrect count for "DNGPrivateData"; tag ignored
```

```
% Execution halted at: $MAIN$          1 E:\Users\eugene\IDLWorkspace\idl_source\demo.pro
```

```
IDL8.2> print, info.POSITION
```

```
0.000000  0.000000
```

```
IDL8.2> print,info.resolution
```

```
300.000  300.000
```

```
IDL8.2> print,info.tile_size
```

```
160      1
```

```
IDL8.2> print, info.dimensions
```

```
160      120
```
