

Exiv2 - Bug #641

exiv2 "Image size" output broken for Nikon D700 NEF files

24 Jul 2009 23:14 - Andreas Huggel

Status:	Closed	Start date:	24 Jul 2009
Priority:	Normal	Due date:	
Assignee:	Andreas Huggel	% Done:	100%
Category:	tools	Estimated time:	0.00 hour
Target version:	0.19		

Description

Andreas,

Very nice program, I use it a lot on my pictures! I was still using 0.14 but upgraded my camera so I thought also upgrade exiv2.

After 0.17.1 something is broken in the processing of Nikon D700 NEF files. Camera generated JPGs are processed ok. The NEF information shows a size of 160x120 in both fields.

I've tested 0.18/1/2, they all have the same behavior. Below the EXIF info from 0.18.2 and 0.17.1.

Maybe it is now reporting the size of the embedded thumbnail? This is the NEF file used for the info below:

www.martinparis.com/MP0_0175.NEF. Change NEF to JPG and you'll get the in camera JPG.

This is the 0.18.2 info for the NEF file:

exiv2.exe MP0_0175.NEF

Error: Directory SubImage1: Next pointer is out of bounds; ignored.

File name : MP0_0175.NEF

File size : 11487590 Bytes

MIME type : image/tiff

Image size : 160 x 120

Camera make : NIKON CORPORATION

Camera model : NIKON D700

Image timestamp : 2009:07:24 23:59:41

Image number :

Exposure time : 2 s

Aperture : F2.8

Exposure bias : +2 EV

Flash : No flash

Flash bias :

Focal length : 25.0 mm (35 mm equivalent: 25.0 mm)

Subject distance:

ISO speed : 3200

Exposure mode : Aperture priority

Metering mode : Multi-segment

Macro mode :

Image quality : RAW

Exif Resolution : 160 x 120

White balance : AUTO

Thumbnail : None

Copyright :

Exif comment :

And this is the 0.17.1 info:

exiv2.exe MP0_0175.NEF

Warning: Directory ImageSublfd0 has an unhandled next pointer.

Warning: Size 5308 of Exif.Nikon3.0x0091 exceeds 4096 bytes limit. Not decoded.

File name : MP0_0175.NEF

File size : 11487590 Bytes

MIME type : image/tiff

Image size : 4288 x 2844

Camera make : NIKON CORPORATION

Camera model : NIKON D700

Image timestamp : 2009:07:24 23:59:41

Image number :

Exposure time : 2 s

Aperture : F2.8
Exposure bias : +2
Flash : No flash
Flash bias :
Focal length : 25.0 mm (35 mm equivalent: 25.0 mm)
Subject distance:
ISO speed : 3200
Exposure mode : Aperture priority
Metering mode : Multi-segment
Macro mode :
Image quality : RAW
Exif Resolution : 4288 x 2844
White balance : AUTO
Thumbnail : None
Copyright :
Exif comment :

I don't know if the Error message from 0.18.2 has anything to do with it. Also note the two warnings from 0.17.1, those are probably resolved somewhere after 0.17.1.

Kind regards, Martin Paris

Associated revisions

Revision 1873 - 25 Jul 2009 09:11 - Andreas Huggel

#641: Use image dimensions of the primary image.

History

#1 - 25 Jul 2009 09:14 - Andreas Huggel

- Status changed from *New* to *Resolved*
- Assignee set to *Andreas Huggel*
- Target version set to *0.19*
- % Done changed from *0* to *100*

#2 - 30 Dec 2009 07:50 - Andreas Huggel

- Status changed from *Resolved* to *Closed*