

Exiv2 - Bug #827

Bug with Nikon D300 NEF - Exiv v.025 / 64 bits

22 May 2012 12:44 - Vv Pz

Status:	Closed	Start date:	22 May 2012
Priority:	Normal	Due date:	
Assignee:	Alan Pater	% Done:	100%
Category:	withdrawn	Estimated time:	2.00 hours
Target version:	0.26		

Description

Hi guys,

I recently ran into a bug using dartable on ubuntu when developping NEF files from my Nikon D300. According to one of the devs, it comes from exiv2.

\$ exiv2 DSC_3912.NEF

Error: Directory (Last IFD item) with 4372 entries considered invalid; not read.

Warning: Unsupported date format

Warning: Unsupported time format

Warning: Unsupported date format

Warning: Unsupported time format

Warning: Unsupported date format

Warning: Unsupported time format

Warning: Unsupported date format

Warning: Unsupported time format

File name : DSC_3912.NEF

File size : 21906252 Bytes

MIME type : image/x-nikon-nef

Image size : 4352 x 2868

Camera make : NIKON CORPORATION

Camera model : NIKON D300

Image timestamp : 2009:05:09 11:45:10

Image number :

Exposure time : 1/800 s

Aperture : F5

Exposure bias : 0 EV

Flash : No flash

Flash bias :

Focal length : 12.0 mm (35 mm equivalent: 18.0 mm)

Subject distance:

ISO speed : 200

Exposure mode : Aperture priority

Metering mode : Multi-segment

Macro mode :

Image quality : RAW

Exif Resolution : 212 x 320

White balance : AUTO

Thumbnail : None

Copyright :

Exif comment :

You can find a NEF file that allow to reproduce the bug here :

<https://skydrive.live.com/redir.aspx?cid=b448a5ee615d9f92&page=self&resid=B448A5EE615D9F92!109&parid=B448AEE615D9F92!107&authkey=!ApEwJg3laBbWwsio&Bpub=SDX.SkyDrive&Bsrc=Share>

Pascal de Bruijn (from darktable's team) has made a short video related to this bug :

<http://files.pcode.nl/temp/darktable-10-nikon-d300-bug.ogv>

Please tell me if you need additional information.

Cheers,

Vv

History

#1 - 22 Aug 2015 17:15 - Robin Mills

- Target version set to 53

#2 - 06 Sep 2015 23:58 - Alan Pater

- File Captura de pantalla de 2015-09-06 18_43_31.png added

- Subject changed from Bug with Nikon D300 NEF - Exiv v.022 / 64 bits to Bug with Nikon D300 NEF - Exiv v.025 / 64 bits

- Category set to makernote

- Target version changed from 53 to 0.26

The video explaining the issue is no longer online. I found what appears to be original darktable bug report which says: "When I try to edit some raw files (from my Nikon D300), they appear all blurred with strangely colored stripes in darkroom mode .."

<https://sourceforge.net/p/darktable/mailman/message/29222042/>

The sample image did not appear strange on my system with darktable 1.6.8 and exiv2 0.25. Are there specific editing steps which resulted in the strangeness?

However, the "Unsupported Date/Time" issues still exist along with a message ignoring SubImage1.

```
$ exiv2 -g Time DSC_3912.NEF
```

```
Warning: Directory SubImage1 has an unexpected next pointer; ignored.
```

```
Warning: Unsupported date format
```

```
Warning: Unsupported time format
```

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Warning: Unsupported date format
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Warning: Unsupported time format
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Warning: Unsupported date format
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Warning: Unsupported time format
```

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Warning: Unsupported date format
```

```
Warning: Unsupported time format
```

```
Exif.Image.DateTime          Ascii  20 2009:06:07 16:33:18
```

```
Exif.Photo.ExposureTime     Rational 1 1/800 s
```

```
Exif.Photo.DateTimeOriginal Ascii  20 2009:05:09 11:45:10
```

```
Exif.Photo.DateTimeDigitized Ascii  20 2009:05:09 11:45:10
```

```
Exif.NikonWt.Timezone       SShort  1  UTC +01:00
```

```
Exif.Photo.SubSecTime       Ascii   3  43
```

```
Exif.Photo.SubSecTimeOriginal Ascii   3  43
```

```
Exif.Photo.SubSecTimeDigitized Ascii   3  43
```

```
Exif.Image.DateTimeOriginal Ascii  20 2009:05:09 11:45:10
```

lptc.Envelope.TimeSent	String	0
lptc.Application2.ReleaseTime	String	0
lptc.Application2.ExpirationTime	String	0
lptc.Application2.TimeCreated	String	0

#3 - 14 Jun 2016 21:45 - Robin Mills

- *Category changed from makernote to withdrawn*
- *Status changed from New to Closed*
- *Assignee set to Alan Pater*
- *% Done changed from 0 to 100*
- *Estimated time set to 2.00*

Gentlemen:

I'm going to close this. This has is a very old issue and there's very little information here to enable investigation. I'm closing v0.26. I don't feel there's any merit in deferring this to v0.27 as there's insufficient information.

Files

Captura de pantalla de 2015-09-06 18_43_31.png	718 KB	06 Sep 2015	Alan Pater
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