

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Category:	withdrawn	Estimated time:	2.00 hours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
```

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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=B448A5EE615D9F92!1107&authkey=!ApEwJg3laBbWsio&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
Warning: Unsupported date format
Warning: Unsupported time format
Warning: Unsupported date format
Warning: Unsupported time format
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
Iptc.Envelope.TimeSent      String     0
Iptc.Application2.ReleaseTime String     0
Iptc.Application2.ExpirationTime String     0
Iptc.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 h

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