

darktable - Bug #11899

Failed to read camera white balance information from xxx.NEF on some pics from Nikon1 J1

01/01/2018 11:17 AM - Mirek Kratochvil

Status:	Duplicate	Start date:	01/01/2018
Priority:	Low	Due date:	
Assignee:		% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	2.6.0	bitness:	64-bit
Affected Version:	2.4.0	hardware architecture:	amd64/x86
System:	Debian		

Description

Hello,

I've come across this issue with several of NEFs I have (no generic pattern that would connect them, though, except they are all pretty dark).

Darktable complains about not being able to retrieve camera white balance from the picture. Work-arounding it (setting WB manually) doesn't work, the image never shows up in the darkroom (instead a "broken" lighttable is shown). Also, after opening the affected NEF, metadata of several other NEFs around seem to get broken a bit (they get different strings for Manufacturer, Model and flags); so it looks a bit like some weird memory corruption.

The log in the console says:

```
[defaults] found a 64-bit system with 8036460 kb ram and 4 cores (0 atom based)
[rawspeed] (_DSC0250.NEF) rawspeed::RawImage rawspeed::RawDecoder::decodeRaw(), line 284: void raw
speed::BitStream<Tag, Cache>::fillSafe() [with Tag = rawspeed::MSBBitPumpTag; Cache = rawspeed::Bi
tStreamCacheRightInLeftOut], line 128: Buffer overflow read in BitStream
[temperature] failed to read camera white balance information from `_DSC0250.NEF'!
[temperature] `NIKON CORPORATION NIKON 1 J1' color matrix not found for image
```

Versions of several deps that I guess might important for this (but probably irrelevant, ask me if there's something I could add. Btw it's Debian Buster.):

```
libexiv2-14:amd64 0.25-3.1
libgphoto2-6:amd64 2.5.16-2
liblensfun1:amd64 0.3.2-3
libopenexr22:amd64 2.2.0-11.1
```

Attaching one NEF that triggers the problem.

If there's any more information I could provide to help fixing this, please tell me (I have several more NEFs).

Related issues:

Duplicates darktable - Bug #12209: [3/3] Regression: nikon lossy after split ... **Fixed** **05/19/2018**

History

#1 - 01/01/2018 12:35 PM - Mirek Kratochvil

Btw. just tried latest git version, doesn't help.

#2 - 01/01/2018 12:51 PM - Roman Lebedev

- Duplicates Bug #11581: Huffmantable is broken. added

#3 - 01/01/2018 12:51 PM - Roman Lebedev

- Status changed from New to Duplicate

#4 - 01/01/2018 01:16 PM - Roman Lebedev

- File deleted (_DSC0250.NEF)

#5 - 01/03/2018 03:07 PM - Roman Lebedev

- Target version set to 2.6.0

#6 - 05/19/2018 09:00 PM - Roman Lebedev

- Duplicates Bug #12209: [3/3] Regression: nikon lossy after split raw support are completely broken. added

#7 - 05/19/2018 09:00 PM - Roman Lebedev

- Duplicates deleted (Bug #11581: Huffmantable is broken.)