

darktable - Camera Support #11534

Support for Fujifilm X-t20 RAF file

03/08/2017 11:47 PM - Art Nuzzo

Status:	Fixed	Start date:	03/08/2017
Priority:	Low	Due date:	
Assignee:		% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	2.4.0		
Affected Version:	2.2.3		

Description

Add support for Fujifilm X-T20 RAF files

I get an error: "failed to read camera white balance information from..." when trying to load X-T20 raf file.

Sample files:

DSCF0526.RAF Uncompressed
DSCF0527.RAF Compressed

Associated revisions

Revision 66aa1b4c - 03/09/2017 05:01 PM - Dan Torop

adobe_coeff: add Fujifilm X-T20, update Olympus E-M1MarkII

Based on ColorMatrix values from DNGs created by Adobe DNG Converter 9.9.

Fixes #11534.

Revision ace55a17 - 03/26/2017 03:52 PM - Dan Torop

adobe_coeff: add Fujifilm X-T20, update Olympus E-M1MarkII

Based on ColorMatrix values from DNGs created by Adobe DNG Converter 9.9.

Fixes #11534.

(cherry picked from commit 66aa1b4cd18005f041350cbadc80ed3777d26971)

History

#1 - 03/09/2017 08:03 AM - Roman Lebedev

Thanks for samples!

The support for uncompressed should be trivial. But not compressed...

#2 - 03/09/2017 05:04 PM - Dan Torop

Regarding compressed, there is the work: <http://www.libraw.org/news/libraw-compressed-fujifilm-raf-support>. Not sure how much work it would take to

integrate, or the license situation.

#3 - 03/09/2017 05:10 PM - Roman Lebedev

Dan Torop wrote:

Regarding compressed, there is the work: <http://www.libraw.org/news/libraw-compressed-fujifilm-raf-support>. Not sure how much work it would take to integrate, or the license situation.

Yes, i'm aware of that.

From src/libraw_xtrans_compressed.cpp

```
+LibRaw is free software; you can redistribute it and/or modify
+it under the terms of the one of three licenses as you choose:
+
+1. GNU LESSER GENERAL PUBLIC LICENSE version 2.1
+ (See file LICENSE.LGPL provided in LibRaw distribution archive for detail
```

which is the same as for rawspeed, i believe (rs's LICENSE says 2.1, but per-file headers say 2)

It would need to be rewritten from scratch, ~800LOC codedump is not cool

#4 - 03/10/2017 11:06 AM - Dan Torop

- % Done changed from 0 to 100

- Status changed from New to Fixed

Applied in changeset [darktable66aa1b4cd18005f041350cbadc80ed3777d26971](https://codecommit.gnome.org/libraw/+/66aa1b4cd18005f041350cbadc80ed3777d26971).

#5 - 04/18/2017 11:02 AM - Roman Lebedev

- Target version set to 2.4.0

Files

DSCF0527.RAF	23.9 MB	03/08/2017	Art Nuzzo
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