Exiv2 - Bug #779

Crash with unknown lens tags in DNG

15 Jul 2011 04:22 - Moritz Moeller

Status:	Closed	**Start date:**	15 Jul 2011
Priority:	Normal	**Due date:**	
Assignee:	Robin Mills	**% Done:**	100%
Category:	withdrawn	**Estimated time:**	1.00 hour
Target version:	0.26		

Description

This is a crash in Darktable (http://darktable.sf.net/) when DNGs with unknown lens tags are read via exiv2.
The DT devs have confirmed the bug is present in exiv2 0.19 and 0.21.

The resp. thread from the Darktable mailing list is here: http://bit.ly/peVZfX
A DNG to replicate the crash is here (GH2 folder): http://db.tt/GBxorSN

Related issues:

Related to Exiv2 - Feature #543: make exiv2 respect makernote offset that Mic...	**Closed**

History

#1 - 27 Jul 2011 20:08 - Andreas Huggel

It appears that the makernote in the attached DNG is corrupted. Exiftool says

```
Warning                          : [minor] Possibly incorrect maker notes offsets (fix by 17080?)
```

and has an algorithm to guess the correct offset. Exiv2 doesn't, it uses the wrong offset to get (among others) the lens type which results in garbage output as reported.

As a workaround, check if Exiftool can fix the makernote by writing the guessed offset back into the image.
I'll consider adding a similar guessing algorithm to Exiv2 to handle such cases.

Andreas

#2 - 23 Aug 2015 16:19 - Robin Mills

- Target version set to 53

#3 - 28 Mar 2016 15:06 - Robin Mills

- Category set to image format

- Status changed from New to Assigned

- Assignee set to Robin Mills

This issue has been in the database for 4 years and nobody else has requested progress with this matter. So, unless you engage to persuade me to keep this matter alive, it will be closed on April 30 as "no longer needed/wanted.

#4 - 29 Apr 2016 22:41 - Robin Mills

- Category changed from image format to withdrawn

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

- Estimated time set to 1.00 h

#5 - 29 Apr 2016 23:06 - Robin Mills

- Target version changed from 53 to 0.26