

Exiv2 - Bug #759

Cannot extract exif data from Pentax K-x DNG file

08 Feb 2011 21:21 - Kenneth Bogert

Status:	Closed	Start date:	08 Feb 2011
Priority:	Normal	Due date:	
Assignee:	Andreas Huggel	% Done:	100%
Category:	exif	Estimated time:	0.00 hour
Target version:	0.21.1		
Description			
When trying to extract the exif data from any DNG file created by my Pentax K-x, exiv2 gives the error - Could not write metadata to file: Size of Exif JPEG segment is larger than 65535 bytes			
I can view the exif data on these files with exiv2 without a problem. Also exiv2 works correctly on PEF files from the same camera.			
Example file attached.			

Associated revisions

Revision 2444 - 09 Feb 2011 06:28 - Andreas Huggel

#759: Do not write Exif.Image.DNGPrivateData to JPEGs.

Revision 2445 - 09 Feb 2011 06:44 - Andreas Huggel

#759: Undid r2444. Instead, don't encode any tags larger than 40kB as a last resort when writing to JPEGs.

Revision 2446 - 09 Feb 2011 06:48 - Andreas Huggel

#759: Enhanced documentation.

Revision 2448 - 13 Feb 2011 03:44 - Andreas Huggel

[0.21.1] Merged fix for #759 from the trunk (r2443:2446).

History

#1 - 09 Feb 2011 07:08 - Andreas Huggel

- Category set to exif
- Status changed from New to Resolved
- Assignee set to Andreas Huggel
- Target version set to 0.21.1
- % Done changed from 0 to 100

These DNGs have all makernote information in **Exif.Image.DNGPrivateData**, which Exiv2 currently doesn't decode (see [#758](#)).

The size of this tag is 100kB in the sample image provided here. [ExifParser::encode](#) now also deletes known tags larger than 40kB, i.e., it won't write Exif.Image.DNGPrivateData to the extracted JPEG segment. However, in this case, that also means that a lot of information is not extracted.

#2 - 03 May 2012 17:15 - Andreas Huggel

- Status changed from Resolved to Closed

Files

IMGP0432.DNG	10.9 MB	08 Feb 2011	Kenneth Bogert
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