

Exiv2 - Bug #1201

Rating=4 automatically added when writing sidecar

10 Aug 2016 20:12 - Elfie Groslin

Status:	Closed	Start date:	10 Aug 2016
Priority:	Normal	Due date:	
Assignee:	Alan Pater	% Done:	100%
Category:	metadata	Estimated time:	2.00 hours
Target version:	0.26		
Description			
<p>This behavior was observed when writing metadata to images with DigiKam. The bug seems to come from Exiv2 and I was asked to report it here instead.</p> <p>The comment from the DigiKam developer was that when running this command:</p> <pre>exiv2 -eX 20160806-105555-NIKON-D300S.nef</pre> <p>Then even though the original image has no rating, the sidecar file is created with a rating of 4. He guesses this could be related to the tag <code>lptc.Application2.RecordVersion=4</code> in the image.</p> <p>The test image can be found here:</p> <p>https://www.dropbox.com/sh/3iven4s0jamu5m5/AAC_6Of-XkPQu4krf2FpLSSNa?dl=0</p> <p>Thanks.</p>			

Associated revisions

Revision 4364 - 11 Aug 2016 14:13 - Alan Pater

#1201 do not map `lptc.Application2.RecordVersion` to `Xmp.xmp.Rating`

History

#1 - 10 Aug 2016 21:09 - Alan Pater

- Category set to metadata
- Assignee set to Alan Pater
- % Done changed from 0 to 50
- Estimated time set to 2.00

Included in exiv2 as an explicit feature, not a bug.

Defacto norms are to map "`lptc.Application2.RecordVersion`" to "`Xmp.xmp.Rating`". However, it may be that this defacto norm is wrong.

What is the justification for removing this mapping when it is expected by many users? Or is it expected?

#2 - 11 Aug 2016 13:35 - Elfie Groslin

According to page 24 of the IPTC standard (<https://www.iptc.org/std/IIM/4.1/specification/IIMV4.1.pdf>), none of the tags in the Application Record No.2 section are mandatory, but if any is used then the Record Version is mandatory.

Here is the description of this tag:

A binary number identifying the version of the Information Interchange Model, Part II (Record 2:xx), utilised by the provider. Version numbers are assigned by IPTC and NAA. The version number of this record is four (4).

I am not sure why this ended up being mapped to Xmp.xmp.Rating?

Also on your wiki page here (http://dev.exiv2.org/projects/exiv2/wiki/The_Metadata_in_JPEG_files), example 2 under section 3.2 lists metadata from an image having the Iptc.Application2.RecordVersion tag set to 4 and a Xmp.xmp.Rating tag set to 0.

#3 - 11 Aug 2016 14:04 - Alan Pater

- *Status changed from New to Assigned*
- *Target version set to 0.26*

Looking back, it seems you are correct. I can't find any documentation justifying this mapping. It will be fixed shortly ...

#4 - 11 Aug 2016 14:30 - Alan Pater

- *Status changed from Assigned to Closed*
- *% Done changed from 50 to 100*