

Exiv2 - Patch #819

Recognize Pentax MakerNote in DNGPrivateData

04 Apr 2012 09:17 - Jonathan Kollasch

Status:	Closed	Start date:	04 Apr 2012
Priority:	Normal	Due date:	
Assignee:	Andreas Huggel	% Done:	100%
Category:	exif	Estimated time:	0.00 hour
Target version:	0.23		
Description			
This patch has the basics needed to recognize the Pentax MakerNote in a Pentax native DNG. (Tested for reading only.)			

Associated revisions

Revision 2696 - 10 Apr 2012 22:50 - Andreas Huggel

#819: Applied Pentax DNG makernote patch from Jonathan Kollasch.

Revision 2697 - 10 Apr 2012 22:50 - Andreas Huggel

#819: Changed PentaxId to PentaxDngId and some formatting tweaks.

Revision 2698 - 11 Apr 2012 09:02 - Andreas Huggel

#819: Fixed PentaxDng offsets so that they are relative to the beginning of the makernote, added support for the PentaxDng preview image.

Revision 2699 - 11 Apr 2012 09:02 - Andreas Huggel

#819: Fixed write support.

Revision 2711 - 21 Apr 2012 22:28 - Andreas Huggel

#819: Updated easy-access functions with the new PentaxDng tags.

Revision 2744 - 16 May 2012 08:01 - Andreas Huggel

#819: Added the PentaxDng Preview image to the tags potentially stripped when encoding the Exif metadata for JPEG (related to #820).

History

#1 - 09 Apr 2012 20:11 - Andreas Huggel

- *Category set to exif*

Thanks for the patch, Jonathan. I just came back from a vacation and am still catching up with everything. From a quick look at the patch, this looks good, I'll spend more time as soon as possible.

In the meantime, could you please attach (or send me directly) an image with such a makernote?

Andreas

#2 - 10 Apr 2012 20:56 - Andreas Huggel

Found a sample here: <http://www.imaging-resource.com/PRODS/K10D/K10DFAR3872.DNG.HTM>

#3 - 10 Apr 2012 21:06 - Jonathan Kollasch

Bug [#758](#) and [#759](#) also have Pentax DNG files attached (from Pentax K-x cameras).

#4 - 10 Apr 2012 22:55 - Andreas Huggel

Checked-in the patch and made a small change to actually decode the makernote tags using group PentaxDng rather than Pentax ([r2697](#)). What remains is to update preview.cpp so that the thumbnail image in the makernote is recognized again and test writing such a makernote.

#5 - 11 Apr 2012 09:04 - Andreas Huggel

- *Assignee set to Andreas Huggel*

- Target version set to 0.23
- % Done changed from 0 to 100

#6 - 11 Apr 2012 09:04 - Andreas Huggel

- Status changed from New to Resolved

#7 - 03 May 2012 17:14 - Andreas Huggel

- Status changed from Resolved to Closed

Files

diff	9.38 KB	04 Apr 2012	Jonathan Kollasch
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