

Exiv2 - Feature #529

Add support for Pentax maker note

26 Sep 2007 02:17 - Michal Čihař

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Andreas Huggel	% Done:	0%
Category:	exif	Estimated time:	0.00 hour
Target version:	0.16		

Description

There is currently no support for parsing Pentax maker note. Following links show some information I was able to collect.

Sample images:

<http://www.digital.pentax.co.jp/en/35mm/k10d/ex.html>

Tags descriptions:

http://homepage3.nifty.com/kamisaka/makernote/makernote_pentax.htm

<http://www.pdml.us/raw/research.html>

<http://www.pdml.us/raw/format.html>

http://ozhiker.com/electronics/pjmt/jpeg_info/pentax_mn.html

Lens IDs:

http://homepage2.nifty.com/mak_kawa/digicam/lens/lensid/lens_id.htm

Additional information:

I'm willing to help with implementing this, but I seem to be lost in the code so far. If somebody can help me or even better provide some template to fill in, it would be great.

History

#1 - 26 Sep 2007 02:26 - Michal Čihař

Just another lenses list:

<http://forums.dpreview.com/forums/read.asp?forum=1036&message=20952699>

Samples with different lenses:

<http://pentaxk10d.dnotes.com/pentax-k10d-image-samples-the-giant-list/>

I just also found that ExifTool has support for this, so it can be used for inspiration:

<http://www.sno.phy.queensu.ca/~phil/exiftool/TagNames/Pentax.html>

#2 - 26 Sep 2007 23:15 - Michal Čihař

Attached patch that decodes most of things ExifTool supports as well as some my own investigation based on K10D camera.

The only thing missed compared to ExifTool is parsing of some more complex fields where I gave it up for now :-).

#3 - 26 Sep 2007 23:15 - Michal Čihař

Another used resource:

<http://www.sno.phy.queensu.ca/~phil/exiftool/TagNames/Pentax.html>

<http://www.gvsoft.homedns.org/exif/makernote-pentax-type3.html> (or in Google cache:

<http://72.14.235.104/search?q=cache:-kpgQLdiOkYJ:www.gvsoft.homedns.org/exif/makernote-pentax-type3.html+pentax+aoc+makernote&hl=cs#38;ct=clnk&cd=4>)

Files

exiv2-pentax.patch

57.7 KB

26 Sep 2007

Redmine Admin