

Exiv2 - Bug #571

Need to convert character set when writing XMP sidecar

19 Sep 2008 03:05 - Andreas Huggel

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:		% Done:	100%
Category:	metadata	Estimated time:	0.00 hour
Target version:	0.19		
Description			
When I try to extract a XMP sidecar file from a photo with umlauts in IPTC fields, i get the following error:			
C:\Programme\exiv2>exiv2 -eX P1010062.tif XMP Toolkit error 4: Invalid UTF-8 sequence length Error: Failed to encode XMP metadata.			
(Reported by Franz Buchinger)			

Associated revisions

Revision 1908 - 18 Oct 2009 13:31 - Andreas Huggel

#571: Detect charset and convert to UTF-8 when converting IPTC to XMP; set `Iptc.Envelope.CharacterSet` when converting from XMP to IPTC. (Vladimir Nadvornik)

Revision 1975 - 28 Dec 2009 04:24 - Andreas Huggel

#571: Add `Iptc.Envelope.CharacterSet` only if any other dataset is added, fixed tests.

History

#1 - 19 Sep 2008 03:07 - Andreas Huggel

The character set of the data in IPTC is obviously not in ASCII and there is currently no logic implemented in exiv2 for a character set conversion to UTF-8 for the XMP sidecar. In addition, if the IPTC metadata is not encoded in ASCII it is usually not so clear what character set was used, so exiv2 could try to make a guess and the user would have to be able to provide the information in a new command line arg to the exiv2 tool, if the guess was wrong.

#2 - 07 Sep 2009 01:20 - Andreas Huggel

Related info: <http://www.cpanforum.com/threads/2114>

#3 - 18 Oct 2009 13:34 - Andreas Huggel

- Status changed from *New* to *Resolved*
- Target version set to *0.19*
- % Done changed from *0* to *100*

[r1908](#) adds UTF-8 charset detection logic and charset conversion.

#4 - 30 Dec 2009 07:50 - Andreas Huggel

- Status changed from *Resolved* to *Closed*

Files

canon_powershot_1000.exv	5.06 KB	19 Sep 2008	Redmine Admin
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