

Exiv2 - Bug #863

Unicode issue writing to XMP sidecar

23 Oct 2012 13:15 - Marcel Wiesweg

Status:	Closed	Start date:	23 Oct 2012
Priority:	Normal	Due date:	
Assignee:	Alan Pater	% Done:	100%
Category:	xmp	Estimated time:	0.00 hour
Target version:	0.25		
Description			
Writing dc.title or dc.description to an XMP sidecar file destroys non-ASCII characters. This was originally reported for digikam writing to an XMP sidecar file using the library: https://bugs.kde.org/show_bug.cgi?id=304187 It is reproducible using the attached, prepared image file and the exiv2 command line utility:			
Execute exiv2 -eX empty-file.jpg			
Inspect the two files:			
exiv2 -p x empty-file.jpg			
Xmp.dc.title	LangAlt	1	lang="x-default" UnicoDe
Xmp.dc.description	LangAlt	1	lang="x-default" UnicoDe
exiv2 -p x empty-file.xmp			
Xmp.dc.title	LangAlt	1	lang="x-default" Unico?e
Xmp.dc.description	LangAlt	1	lang="x-default" Unico?e
Hexeditor confirms that the two-byte code 0xC689 becomes 0x3F, which is the question mark, <i>in the file</i> , indicating that a conversion process prior to writing the file fails, it's not a matter of reading or of display in the terminal.			

History

#1 - 08 Apr 2015 19:14 - Alan Pater

- File 883.exiv2.jpg added
- Category set to xmp
- Status changed from New to Resolved

I cannot reproduce this issue with a new test image that has had Title and Caption added by digikam 4.8.0 / exiv2 0.24.

```
~$ exiv2 -p x 883.exiv2.xmp
Xmp.dc.title           LangAlt    1  lang="x-default" UnicoDe
Xmp.dc.description    LangAlt    1  lang="x-default" UnicoDe
```

#2 - 10 Apr 2015 14:37 - Robin Mills

- Assignee set to Alan Pater
- Target version set to 0.25

#3 - 08 May 2015 16:22 - Alan Pater

- % Done changed from 0 to 100

#4 - 21 Jun 2015 16:42 - Andreas Huggel

- Status changed from Resolved to Closed

Files

empty-image.jpg	13.1 KB	23 Oct 2012	Marcel Wiesweg
883.exiv2.jpg	17.9 KB	08 Apr 2015	Alan Pater