

Exiv2 - Bug #554

Debian Bug report logs - #426274 exiv2: Setting "Exif.Image.DateTime Date" gives "Value too large" exception

10 Jun 2008 04:49 - Mark Purcell

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Andreas Huggel	% Done:	100%
Category:	exif	Estimated time:	0.00 hour
Target version:	0.18		
Description			
Forwarded: http://bugs.debian.org/cgi-bin/bugreport.cgi?bug=426274			
I can reproduce with exiv2 0.17: \$ exiv2 -M"set Exif.Image.DateTime Date 2007-05-27" 100.jpg Exiv2 exception in modify action for file 100.jpg: Entry::setValue: Value too large (tag=306, size=64, requested=8)			
Additional information:			
From: Benjamin Mesing < bensmail@gmx.net > To: Debian Bug Tracking System < submit@bugs.debian.org > Subject: exiv2: Setting "Exif.Image.DateTime Date" gives "Value too large" exception Date: Sun, 27 May 2007 18:09:40 +0200			
Package: exiv2 Version: 0.10-1.4 Severity: important			
I get the following result on trying to set the date:			
1. exiv2 -M"set Exif.Image.DateTime Date 2007-05-27" 000_0764.JPG Exiv2 exception in modify action for file 000_0764.JPG: Entry::setValue: Value too large (tag=306, size=64, requested=8)			
Regards Ben			
-- System Information: Debian Release: 4.0 APT prefers stable APT policy: (500, 'stable'), (50, 'unstable'), (1, 'experimental') Architecture: amd64 (x86_64) Shell: /bin/sh linked to /bin/bash Kernel: Linux 2.6.18-3-amd64 Locale: LANG=en_GB.UTF-8, LC_CTYPE=de_DE.UTF-8 (charmap=UTF-8) (ignored: LC_ALL set to en_GB.UTF-8)			
Versions of packages exiv2 depends on: ii libc6 2.3.6.ds1-13 GNU C Library: Shared libraries ii libexiv2-0.10 0.10-1.4 EXIF/IPTC metadata manipulation li ii libgcc1 1:4.1.1-21 GCC support library ii libstdc++6 4.1.1-21 The GNU Standard C++ Library v3			
exiv2 recommends no packages.			
-- no debconf information			
Related issues:			
Related to Exiv2 - Feature #462: Support TIFF format		Closed	

History

#1 - 10 Jun 2008 05:32 - Andreas Huggel

The command is invalid, although the error message is admittedly not helpful.

The root cause of the problem is that an Exif key ('Exif.Image.DateTime') is used with a type for IPTC keys ('Date'). See exiv2(1).

Use an Exif type instead; the correct type for 'Exif.Image.DateTime' is 'Ascii' (and the correct format is '2003:12:14 12:01:44', but Exiv2 doesn't mind if it's a different Exif type or a different format)

#2 - 10 Jun 2008 07:34 - Andreas Huggel

This is a good test case for the new Exif parser in the upcoming 0.18 release though: That doesn't complain and writes a corrupted Exif section for now...

#3 - 31 Jul 2008 04:12 - Andreas Huggel

[r1551](#)

The new Exif parser now also catches this case and provides a proper error message:

```
ahuggel@kelana> exiv2 -M"set Exif.Image.DateTime Date 2007-05-27" ./exiv2-empty.jpg
Error: 'Date' is not a valid Exif (TIFF) type; using type 'Undefined'.
ahuggel@kelana> ./exiv2 -ph exiv2-empty.jpg
0x0132 Image      DateTime      Undefined  8  8
0000 32 30 30 37 30 35 32 37          20070527
```

#4 - 17 Dec 2008 09:11 - Andreas Huggel

- % Done changed from 0 to 100

#5 - 18 Dec 2008 18:29 - Andreas Huggel

- Status changed from Resolved to Closed