

Exiv2 - Bug #783

Xmp.fwl.LocalCaption wrong key

02 Aug 2011 05:05 - Oliver Loch

Status:	Closed	Start date:	02 Aug 2011
Priority:	Normal	Due date:	
Assignee:	Andreas Huggel	% Done:	0%
Category:	xmp	Estimated time:	0.00 hour
Target version:	0.25		

Description

Hi,

I'm not 100% sure this is a bug:

I have a lot of pictures that use Xmp.fwl.LocalCaption as the main description.

I can see the key when I do a 'exiv2 -PX \$picture'

```
Xmp.fwl.LocalCaption          XmpText    239 blablahblah lot of text here
```

but trying to change it:

```
# exiv2 -ix -M "set Xmp.fwl.LocalCaption XmpText blahblah" A_S_9686.JPG
-M option 1: Invalid key `Xmp.fwl.LocalCaption'
exiv2: Error parsing -M option arguments
Usage: exiv2 [ options ] [ action ] file ...
```

Manipulate the Exif metadata of images.

```
# exiv2 -ix -M "set Xmp.fwl.LocalCaption blahblah" A_S_9686.JPG
-M option 1: Invalid key `Xmp.fwl.LocalCaption'
exiv2: Error parsing -M option arguments
Usage: exiv2 [ options ] [ action ] file ...
```

Manipulate the Exif metadata of images.

is not working. Am I missing something or did I hit a bug?

Btw. There are other keys in the Xmp.fwl "class".

If you want to have the picture for further investigation just write me an email :)

Here the exiv2 version and stuff:

```
# exiv2 -V
exiv2 0.20
Copyright (C) 2004-2010 Andreas Huggel.
```

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Thanks!

KR,

Grimeton

History

#1 - 04 Aug 2011 07:18 - Andreas Huggel

- Status changed from New to Feedback

Exiv2 doesn't know the fwl prefix. You need to register it. Something like this works:

```
exiv2 -M"reg fwl some-namespace" -M"set Xmp.fwl.LocalCaption blahblah" image.jpg
```

Where some-namespace should be replaced with the proper namespace URI for fwl.

If you know that URI, good. If not, you can trick exiv2 into showing it by running the above command (with "some-namespace") on a copy of an existing image that already has fwl properties and you'll get a warning of the form

```
Warning: Updating namespace URI for fwl from http://the.real.uri/ to some-namespace/
```

(maybe you'll need a newer version of exiv2 for that than 0.20, that warning was introduced relatively recently IIRC)

Andreas

#2 - 28 Apr 2015 12:18 - Robin Mills

- Status changed from Feedback to Resolved

- Assignee set to Andreas Huggel

- Target version set to 0.25

I'm going to set the status of this to "Resolved". Google can help me find the definition of the fwl namespace. In fact, this bug report is the first item that Google lists! I've confirmed that Andreas suggestion is totally correct:

```
$ exiv2 -M"reg fwl http://exiv2.org/issue783" -M"set Xmp.fwl.LocalCaption XmpText blahblah" jpg.jpg
```

```
Warning: Updating namespace URI for fwl from http://clanmils.com/ to http://exiv2.org/issue783/
```

```
607 rmills@rmillsmbp:~/gnu/exiv2/trunk $ exiv2 -pX jpg.jpg | xmllint -pretty 1 -
```

```
<?xml version="1.0"?>
<?xpacket begin=" " id="W5M0MpCehiHzreSzNTczkc9d"?>
<x:xmpmeta xmlns:x="adobe:ns:meta/" x:xmptk="XMP Core 4.4.0-Exiv2">
  <rdf:RDF xmlns:rdf="http://www.w3.org/1999/02/22-rdf-syntax-ns#"
    xmlns:Description xmlns:xmp="http://ns.adobe.com/xap/1.0/"
    xmlns:fwl="http://exiv2.org/issue783/" fwl:LocalCaption="blahblah"
    xmlns:dc="http://purl.org/dc/elements/1.1/" rdf:about="" xmp:Rating="0"
    xmp:ModifyDate="2015-02-13T20:46:51-06:00">
    <dc:title>
      <rdf:Alt>
        <rdf:li xml:lang="x-default">the rest drink soda</rdf:li>
        <rdf:li xml:lang="en-GB">the Brits are in the bar</rdf:li>
        <rdf:li xml:lang="de-DE">the Germans like beer</rdf:li>
      </rdf:Alt>
    </dc:title>
  </rdf:Description>
</rdf:RDF>
</x:xmpmeta>
<?xpacket end="w"?>
$ bin/exiv2json -x jpg.jpg
{
  "Xmp": {
    "xmp": {
      "Rating": "0",
      "ModifyDate": "2015-02-13T20:46:51-06:00"
    },
    "fwl": {
      "LocalCaption": "blahblah"
    },
    "dc": {
      "title": {
        "lang": {
          "x-default": "the rest drink soda",
```

```
    "en-GB": "the Brits are in the bar",  
    "de-DE": "the Germans like beer"  
  }  
}  
}
```

#3 - 21 Jun 2015 16:42 - Andreas Huggel

- *Status changed from Resolved to Closed*