

Exiv2 - Feature #1170

Sigma 35mm F1.4 DG HSM on Canon 6D

22 Mar 2016 15:00 - Robin Mills

Status:	Closed	Start date:	22 Mar 2016
Priority:	Normal	Due date:	
Assignee:	Robin Mills	% Done:	100%
Category:	lens	Estimated time:	10.00 hours
Target version:	0.26		
Description http://dev.exiv2.org/boards/3/topics/2473			
Related issues: Related to Exiv2 - Feature #1034: Camera accessory overflow file Closed 19 Feb 2015			

Associated revisions

Revision 4236 - 22 Mar 2016 15:03 - Robin Mills

#1170. Thank you, Marcus for reporting this and providing the test data.

Revision 4237 - 22 Mar 2016 15:36 - Robin Mills

#1170 Correction to r4236

History

#1 - 22 Mar 2016 15:06 - Robin Mills

Fix submitted [r4236](#). Thank You, Marcus for reporting this and providing the test data.

The Fix is almost trivial, not even one line. Before:

```
560 rmills@rmillsmbp:~/gnu/exiv2/trunk $ exiv2 -pa --grep apertu/i --grep lens/i http://dev.exiv2.org/attachme
nts/download/988/testimage.jpg
Exif.Photo.ApertureValue          Rational    1  F1.4
Exif.CanonCs.LensType             Short      1  Canon EF 17-35mm f/2.8L
Exif.CanonCs.Lens                 Short      3  35.0 mm
Exif.CanonCs.MaxAperture          Short      1  F1.4
Exif.CanonCs.MinAperture          Short      1  F16
Exif.CanonCs.DisplayAperture     Short      1  0
Exif.CanonSi.TargetAperture      Short      1  F1.4
Exif.CanonSi.ApertureValue        Short      1  F1.4
Exif.Canon.LensModel              Ascii      74  35mm
Exif.Photo.LensSpecification      Rational   4  35/1 35/1 0/1 0/1
Exif.Photo.LensModel              Ascii      5  35mm
Exif.Photo.LensSerialNumber       Ascii     11  0000000000
561 rmills@rmillsmbp:~/gnu/exiv2/trunk $
```

After:

```
562 rmills@rmillsmbp:~/gnu/exiv2/trunk $ exiv2 -pa --grep apertu/i --grep lens/i http://dev.exiv2.org/attachme
nts/download/988/testimage.jpg
Exif.Photo.ApertureValue          Rational    1  F1.4
Exif.CanonCs.LensType             Short      1  Sigma 35mm f/1.4 DG HSM
Exif.CanonCs.Lens                 Short      3  35.0 mm
Exif.CanonCs.MaxAperture          Short      1  F1.4
Exif.CanonCs.MinAperture          Short      1  F16
Exif.CanonCs.DisplayAperture     Short      1  0
Exif.CanonSi.TargetAperture      Short      1  F1.4
Exif.CanonSi.ApertureValue        Short      1  F1.4
Exif.Canon.LensModel              Ascii      74  35mm
Exif.Photo.LensSpecification      Rational   4  35/1 35/1 0/1 0/1
Exif.Photo.LensModel              Ascii      5  35mm
Exif.Photo.LensSerialNumber       Ascii     11  0000000000
563 rmills@rmillsmbp:~/gnu/exiv2/trunk $
```

#2 - 23 Mar 2016 08:59 - Robin Mills

[#1034](#) The user can put the file .exiv2 (in .ini format) in their home directory and define a new lens:

```
[canon]
169=Sigma 35mm F1.4 DG HSM ART
```

Exiv2 will consult that file and use definitions in preference to what's compiled into the library. Let's not discuss the performance implication. I'll find a way to make it very fast (don't read if not necessary, then read/cache).

#3 - 11 Apr 2016 22:34 - Robin Mills

- *Estimated time changed from 6.00 h to 10.00 h*

#4 - 24 Apr 2016 05:15 - Robin Mills

- *Status changed from Assigned to Closed*

- *% Done changed from 80 to 100*