

## darktable - Bug #11729

### ReOpen Bug #9418 (Fixed): Sigma 30mm f/1.4 EX DC HSM not detected correctly?!

09/06/2017 08:18 PM - Alexander Peter

<b>Status:</b>	Closed: invalid	<b>Start date:</b>	09/06/2017
<b>Priority:</b>	Low	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	General	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	2.6.0		
<b>Affected Version:</b>	2.2.5	<b>bitness:</b>	64-bit
<b>System:</b>	Mac OS X	<b>hardware architecture:</b>	amd64/x86

#### Description

Hi,

just made some RAWs with my Canon 700D and a "Sigma 30mm f/1.4 EX DC HSM". When importing to darktable it's recognised as a "Sigma 15-30mm f/3.5-4.5 EX DG Aspherical".

I double checked with Exiftool, Apple Fotos and XnViewMP:

```
exiftool 1709CB4566.CR2 | grep -i lens
Lens Type           : Canon EF 17-35mm f/2.8L or Sigma Lens
Lens Info           : 30mm f/0
Lens Model          : 30mm
Lens Serial Number  : 0000000000
Lens                : 30.0 mm
Lens ID             : Sigma 30mm f/1.4 EX DC HSM
Lens                : 30.0 mm (35 mm equivalent: 47.5 mm)
```

also for exported JPG - only in darktable assignment is wrong.

Lens ID in XnViewMP is shown as 30 30 169 - Darktable 2.2.5 on macOS 10.12.6

Alexander

#### History

##### #1 - 09/07/2017 01:03 AM - Roman Lebedev

- Status changed from New to Incomplete

- % Done changed from 0 to 20

Alexander Peter wrote:

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I double checked with Exiftool, Apple Fotos and XnViewMP:

```
exiftool 1709CB4566.CR2 | grep -i lens
```

We don't use exiftool, but libexiv2.

```
Lens Type           : Canon EF 17-35mm f/2.8L or Sigma Lens
Lens Info           : 30mm f/0
Lens Model          : 30mm
Lens Serial Number  : 0000000000
Lens                : 30.0 mm
Lens ID             : Sigma 30mm f/1.4 EX DC HSM
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Alexander

## #2 - 09/07/2017 07:29 AM - Alexander Peter

Ok, maybe a little bit misleading: I'm aware of libexiv2 - I mentioned exiftool to show what information my CR2/JPG provide.  
I have no standalone exiv2 on my mac, so I think I depend on the libexiv2 provided with the darktable.app? I had something similar with darktable 1.6.7 around 2 years ago ([#10590](#)) - this disappeared with the update of libexiv2...

Alexander

[edit] Meanwhile, I downloaded the latest exiv2 distribution for macOS (0.26 001a00 64bit) and checked my image with  
`macosx/bin/exiv2 -pt ~/Pictures/DSLR/RAW/1709CB4566.CR2 | grep -ai lens`  
and get

invalid type value detected in Image::printIFDStructure: 0

Warning: Directory Canon, entry 0x0000 has unknown Exif (TIFF) type 0; setting type size 1.

```
Exif.CanonCs.LensType      Short   1 Sigma 30mm f/1.4 EX DC HSM
Exif.CanonCs.Lens         Short   3 30.0 mm
Exif.Canon.LensModel       Ascii   74 30mm
Exif.Photo.LensSpecification Rational 4 30/1 30/1 0/1 0/1
Exif.Photo.LensModel       Ascii   5 30mm
Exif.Photo.LensSerialNumber Ascii   11 0000000000
```

Good.

When stumbling through the content of darktable.app I can find a libexiv2.14.dylib while the latest exiv2 package provides libexiv2.26.dylib...

Is there an easy way to update/exchange the libexiv2 inside darktable.app?

Alexander

## #3 - 01/21/2018 02:45 PM - Alexander Peter

Can be closed: Correct behaviour in darktable 2.4.0 macOS.

THX!

Alexander

**#4 - 01/21/2018 02:52 PM - Roman Lebedev**

- Status changed from *Incomplete* to *Closed: invalid*

- % Done changed from 20 to 0

**#5 - 01/24/2018 02:21 PM - Roman Lebedev**

- Target version set to 2.6.0