

Exiv2 - Feature #1335

Missing Nikon lense

29 Jan 2018 16:22 - Niels Hansen

Status:	Closed	Start date:	29 Jan 2018
Priority:	Normal	Due date:	
Assignee:	Robin Mills	% Done:	100%
Category:	lens	Estimated time:	1.00 hour
Target version:	0.27		

Description

I have a Nikkor AF-S 24 mm f/1.8 ED lense that cannot be found in the lense database.

Readout from EXIV2

```
exiv2 -pt DSC_5229.NEF|grep -ai lens
Exif.Nikon3.LensType          Byte    1 D G
Exif.Nikon3.Lens              Rational 4 24mm F1.8
Exif.Nikon3.LensFStops        Undefined 4 6.33333
Exif.NikonLd3.LensIDNumber    Byte    1 Nikon AF-S Nikkor 24mm f/1.8G ED
Exif.NikonLd3.LensFStops      Byte    1 F6.3
```

Link to Nikon website: http://imaging.nikon.com/lineup/lens/singlefocal/wide/af-s_24mmf_18g_ed/index.htm

History

#1 - 29 Jan 2018 21:36 - Robin Mills

- Status changed from New to Closed

- Assignee set to Robin Mills

- % Done changed from 0 to 100

- Estimated time set to 1.00 h

<http://dev.exiv2.org/boards/3/topics/3017>

```
510 rmills@rmillsmbp:~/temp $ exiv2 -pa --grep lens/i ~/Downloads/DSC_6424.JPG
Exif.Nikon3.LensType          Byte    1 D G
Exif.Nikon3.Lens              Rational 4 24mm F1.8
Exif.Nikon3.LensFStops        Undefined 4 6.33333
Exif.NikonLd3.LensIDNumber    Byte    1 Nikon AF-S Nikkor 24mm f/1.8G ED <=== built in "definition"
Exif.NikonLd3.LensFStops      Byte    1 F6.3
511 rmills@rmillsmbp:~/temp $ exiv2 -pv --grep lens/i ~/Downloads/DSC_6424.JPG
0x0083 Nikon3      LensType          Byte    1 6
0x0084 Nikon3      Lens              Rational 4 240/10 240/10 18/10 18/10
0x008b Nikon3      LensFStops        Undefined 4 76 1 12 0
0x000c NikonLd3    LensIDNumber      Byte    1 175 <--- LensID == 175
0x000d NikonLd3    LensFStops        Byte    1 76
512 rmills@rmillsmbp:~/temp $ ce ~/.exiv2
bbedit "/Users/rmills/.exiv2"

513 rmills@rmillsmbp:~/temp $ cat ~/.exiv2
[nikon]
175=Nikkor AF-S 24 mm f/1.8 ED <=== Modify the "value" of 175

514 rmills@rmillsmbp:~/temp $ exiv2 -pa --grep lens/i ~/Downloads/DSC_6424.JPG
Exif.Nikon3.LensType          Byte    1 D G
Exif.Nikon3.Lens              Rational 4 24mm F1.8
Exif.Nikon3.LensFStops        Undefined 4 6.33333
Exif.NikonLd3.LensIDNumber    Byte    1 Nikkor AF-S 24 mm f/1.8 ED <=== Here's the result
Exif.NikonLd3.LensFStops      Byte    1 F6.3
515 rmills@rmillsmbp:~/temp $
```

Files

DSC_6424.JPG	3.95 MB	29 Jan 2018	Niels Hansen
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