

Exiv2 - Bug #1136

exiv2 -ps (default) output does not respect the -g (--grep) option

13 Nov 2015 15:37 - Robin Mills

Status:	Closed	Start date:	13 Nov 2015
Priority:	Normal	Due date:	
Assignee:	Robin Mills	% Done:	100%
Category:	documentation	Estimated time:	2.00 hours
Target version:	0.26		
Description			
<p>The -g (--grep) option is applied to the keys of most output reports (such as -pa). However, it isn't applied when using the -ps (default) option.</p> <p>The reason is because the -ps report is a summary and doesn't report in the Family.Key.Subkey data format. Example of -ps (the default)</p> <pre>1047 rmills@rmillsmbp:~/gnu/exiv2/0.24 \$ exiv2 -ps ~/Downloads/YIMGP2303.DNG File name : /Users/rmills/Downloads/YIMGP2303.DNG File size : 89857541 Bytes MIME type : image/tiff Image size : 8384 x 6208 Camera make : RICOH IMAGING COMPANY, LTD. Camera model : PENTAX 645Z Image timestamp: 2014:08:29 01:55:20 Image number :</pre> <p>Example of -pa output</p> <pre>1052 rmills@rmillsmbp:~/gnu/exiv2/trunk \$ exiv2 -pa -g Lens ~/Downloads/YIMGP2303.DNG Exif.PentaxDng.LensType Byte 4 smc PENTAX-FA 645 Macro 120mm F4 Exif.PentaxDng.LensInfo Undefined 128 0 139 160 90 0 7 3 192 0 0 0 0 0 0 0 31 180 43 56 0 116 5 79 131 193 138 120 164 129 63 5 255 255 255 7 3 116 4 111 0 186 9 116 4 109 0 27 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 207 160 2 96 7 235 234 0 4 255 64 60 250 2 3 138 236 104 13 2 8 146 68 170 98 146 131 128 3 58 80 112 17 206 231 15 180 182 164 144 71 10 1053 rmills@rmillsmbp:~/gnu/exiv2/trunk \$</pre>			
<p>I have examined the code in actions.cpp printSummary(). I think we should leave this alone as it is only intended to report a summary. If the user wished to filter this, he should use the system pipe grep.</p> <p>I will add a sentence to the exiv2 man page to clarify this.</p>			
Related issues:			
Related to Exiv2 - Bug #1135: Read Makernotes		Closed	12 Nov 2015

Associated revisions

Revision 4017 - 13 Nov 2015 15:50 - Robin Mills

#1136. Fix submitted. -g does not apply to -ps report. Clarification to man page that -g is only applied to keys.

Revision 4020 - 15 Nov 2015 18:45 - Robin Mills

#1136. Fix submitted - see issue report for explanation.

History

#1 - 13 Nov 2015 15:51 - Robin Mills

- Status changed from Assigned to Resolved
- % Done changed from 0 to 100
- Estimated time set to 1.00 h

Fix submitted: [r4017](#).

#2 - 15 Nov 2015 18:46 - Robin Mills

- Estimated time changed from 1.00 h to 2.00 h

[r4020](#) There is something else wrong here. This command appears to generating the

```
549 rmills@rmillsmbp:~/gnu/exiv2/trunk $ exiv2 -g a http://dev.exiv2.org/attachments/download/805/DSC_7154.jpg
Exif.Image.Make           Ascii      18  NIKON CORPORATION
Exif.Image.Model         Ascii      12  NIKON D5300
...
```

Is producing the output you would expect from the command

```
exiv2 -pa --grep a http://...
```

I think this is very confusing. We are changing the output report based on the use of parameter --grep and this behaviour has not been documented. I've changed the code appropriately and it passes the test suite.

#3 - 22 Dec 2015 04:46 - Robin Mills

- Status changed from Resolved to Closed