

Exiv2 - Bug #842

Samsung NX100 camera generated JPGs warning

25 Aug 2012 10:33 - Pascal de Bruijn

Status:	Assigned	Start date:	25 Aug 2012
Priority:	Normal	Due date:	
Assignee:	Robin Mills	% Done:	0%
Category:	exif	Estimated time:	0.00 hour
Target version:	0.28		
Description			
When I run exiv2 -pt on a camera generated JPG, I get some warnings:			
Sample: http://files.pcode.nl/temp/SAM_0640.JPG			
<pre>\$ exiv2 -pt SAM_0640.JPG Warning: Directory Samsung2, entry 0x0000 has unknown Exif (TIFF) type 0; setting type size 1. Warning: Directory Samsung2, entry 0x0000 has unknown Exif (TIFF) type 0; setting type size 1. Exif.Image.Make Ascii 16 SAMSUNG Exif.Image.Model Ascii 16 NX100 ...</pre>			
Also (on a sidenote), the GPS info, seems to return garbage if no GPS unit is attached (I don't have one):			
<pre>Exif.Samsung2.LocalLocationName Ascii 36 ◆... Exif.Samsung2.LocationName Ascii 36 ◆...</pre>			
Maybe some kind of sanitization is in order?			

History

#1 - 28 Apr 2015 10:06 - Robin Mills

- Status changed from New to Assigned
- Assignee set to Robin Mills
- Target version set to 0.25

Pascal

Sincere apologies that this has not been investigated. We are getting ready to release v0.25 and I'm going through Redmine looking for unresolved matter. Better late than never.

Can you attach the test file to this issue report and I will investigate.

#2 - 28 Apr 2015 20:12 - Pascal de Bruijn

Will this wasn't a critical issue. But more a nuisance. I don't have the original sample handy.

But looking online (I don't own the following images):

http://img.photographyblog.com/reviews/samsung_nx100/sample_images/samsung_nx100_04.jpg
from http://www.photographyblog.com/reviews/samsung_nx100_review/sample_images/

http://img.photographyblog.com/reviews/samsung_nx300/photos/samsung_nx300_22.jpg
from http://www.photographyblog.com/reviews/samsung_nx300_review/sample_images/

In the SRW you'll also find some more fields with garbage appended:

http://img.photographyblog.com/reviews/samsung_nx300/sample_images/samsung_nx300_15.srw

like

```
Exif.Image.Make
Exif.Samsung2.FirmwareName
```

Presumably the data after the zero terminator is being printed?

#3 - 28 Apr 2015 20:13 - Pascal de Bruijn

Well, this wasn't a critical issue. But more a nuisance. I don't have the original sample handy.

But looking online (I don't own the following images):

http://img.photographyblog.com/reviews/samsung_nx100/sample_images/samsung_nx100_04.jpg
from http://www.photographyblog.com/reviews/samsung_nx100_review/sample_images/

http://img.photographyblog.com/reviews/samsung_nx300/photos/samsung_nx300_22.jpg
from http://www.photographyblog.com/reviews/samsung_nx300_review/sample_images/

In the SRW you'll also find some more fields with garbage appended:

http://img.photographyblog.com/reviews/samsung_nx300/sample_images/samsung_nx300_15.srw

like
Exif.Image.Make
Exif.Samsung2.FirmwareName

Presumably the data after the zero terminator is being printed?

#4 - 09 May 2015 08:21 - Robin Mills

- *Target version changed from 0.25 to 0.26*

Deferred to v0.26. Insufficient time to deal with this for v0.25.

#5 - 23 May 2015 08:45 - Robin Mills

- *Assignee deleted (Robin Mills)*

#6 - 15 Jun 2016 19:37 - Robin Mills

- *Assignee set to Robin Mills*

Pascal

I'll have a look at this in the next week. I want to finish v0.26 in June and I'm sniffing around at odds'n'ends that haven't received attention.

#7 - 18 Jun 2016 16:16 - Pascal de Bruijn

Much appreciated.

#8 - 16 Sep 2016 07:15 - Robin Mills

- *Target version changed from 0.26 to 0.28*

Regrettably, I have to defer this again. I've put in around 1200 hours of effort to get to code complete v0.26 and closed almost 200 issues. Regrettably, there are only 5 or 6 issues on which I have not worked. This is one. Deferred for v0.27.