

Exiv2 - Bug #1220

Bug in exiv2 --comment on trunk

01 Sep 2016 19:50 - Robin Mills

Status:	Closed	Start date:	01 Sep 2016
Priority:	Normal	Due date:	
Assignee:	Robin Mills	% Done:	100%
Category:	jpeg parser	Estimated time:	6.00 hours
Target version:	0.26		

Description

```
$1136 rmills@rmillssmbp:~/gnu/exiv2/trunk $ cp test/data/Reagan.jpg .
1137 rmills@rmillssmbp:~/gnu/exiv2/trunk $ exiv2 --comment 'hello world' Reagan.jpg
1138 rmills@rmillssmbp:~/gnu/exiv2/trunk $ exiv2 --comment 'hello world' Reagan.jpg
1139 rmills@rmillssmbp:~/gnu/exiv2/trunk $ exiv2 --comment 'hello world' Reagan.jpg
Warning: JPEG format error, rc = 5
Exiv2 exception in modify action for file Reagan.jpg:
Input data does not contain a valid image
1140 rmills@rmillssmbp:~/gnu/exiv2/trunk $
```

I believe this has been introduced by the modification to `src/jpgimage.cpp/doWriteMetadata()` to handle ICC profiles. I haven't totally understood the variable `comPos` which determined the chunk index at which to write the comment. The comment is being written to output at the wrong time and thereby corruption the chain of chunks.

Remarkably, this isn't being detected by the test suite. When I fix it, I'll add a regression detector to `test/icc-test.sh`.

Associated revisions

Revision 4461 - 05 Sep 2016 11:39 - Robin Mills

#1220 and #1074 Work in progress. Improved -pS for JPEG. #1220 is due to a bug in writing the ICC profile in `jpgimage.cpp/doWriteMetadata()`

History

#1 - 05 Sep 2016 14:44 - Robin Mills

- Status changed from Assigned to Closed
- % Done changed from 20 to 100
- Estimated time changed from 3.00 h to 6.00 h

Fixes submitted: [r4461](#) and [r4462](#)