

## Exiv2 - Bug #1220

### Bug in exiv2 --comment on trunk

01 Sep 2016 19:50 - Robin Mills

<b>Status:</b>	Closed	<b>Start date:</b>	01 Sep 2016
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Robin Mills	<b>% Done:</b>	100%
<b>Category:</b>	jpeg parser	<b>Estimated time:</b>	6.00 hours
<b>Target version:</b>	0.26		
<b>Description</b>			
<pre>\$1136 rmills@rmillsmbp:~/gnu/exiv2/trunk \$ cp test/data/Reagan.jpg . 1137 rmills@rmillsmbp:~/gnu/exiv2/trunk \$ exiv2 --comment 'hello world' Reagan.jpg 1138 rmills@rmillsmbp:~/gnu/exiv2/trunk \$ exiv2 --comment 'hello world' Reagan.jpg 1139 rmills@rmillsmbp:~/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@rmillsmbp:~/gnu/exiv2/trunk \$</pre>			
<p>I believe this has been introduced by the modification to <code>src/jpgimage.cpp/doWriteMetadata()</code> to handle ICC profiles. I haven't totally understood the variable <code>comPos</code> 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.</p> <p>Remarkably, this isn't being detected by the test suite. When I fix it, I'll add a regression detector to <code>test/icc-test.sh</code>.</p>			

#### 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 to 6.00

Fixes submitted: r4461 and r4462