

## Exiv2 - Bug #1114

### negative values of type SByte displayed as positive numbers

06 Sep 2015 15:14 - Norbert Wagner

<b>Status:</b>	Closed	<b>Start date:</b>	06 Sep 2015
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Robin Mills	<b>% Done:</b>	100%
<b>Category:</b>	metadata	<b>Estimated time:</b>	2.00 hours
<b>Target version:</b>	0.26		
<b>Description</b>			
I have a camera filling the tag Exif.NikonAFT.AFFineTuneAdj. Camera for example shows -9, output of exiv2 is 247. The only other tag of type SByte I have found is Exif.Pentax.Temperature.			

#### Associated revisions

##### Revision 3929 - 06 Sep 2015 18:40 - Robin Mills

#1114 Fix submitted.

##### Revision 3930 - 06 Sep 2015 19:18 - Robin Mills

#1114. Correction to r3929.

#### History

##### #1 - 06 Sep 2015 16:40 - Robin Mills

- Category set to metadata
- Assignee set to Robin Mills
- Priority changed from Low to Normal
- Target version set to 0.26

Thanks for reporting this, Norbert. Can you provide an image file for me to reproduce this. I'd like you to give us permission to reuse the metadata in your file in our test suite.

##### #2 - 06 Sep 2015 16:47 - Robin Mills

I've got the file you provided when we discussed something about this a couple of years ago. <http://dev.exiv2.org/boards/3/topics/1337>

Here's what I see:

```
519 rmills@rmillsmbp:~/clanmills $ exiv2 -pv http://dev.exiv2.org/attachments/download/422/Example-Byte-SByte.jpg | grep SByte
0x0002 NikonAFT    AFFineTuneAdj    SByte    1    254
520 rmills@rmillsmbp:~/clanmills $
```

So, no need for another file. I'll investigate and let you know.

##### #3 - 06 Sep 2015 18:44 - Robin Mills

- Status changed from New to Resolved
- % Done changed from 0 to 100
- Estimated time set to 2.00 h

Fix submitted. r3929.

```
562 rmills@rmillsmbp:~ $ exiv2 -pv -g TuneAdj http://dev.exiv2.org/attachments/download/422/Example-Byte-SByte.jpg
0x0002 NikonAFT    AFFineTuneAdj    SByte    1    -2
563 rmills@rmillsmbp:~ $
```

I've copied your file Example-Byte-SByte.jpg to test/data/exiv2-bug1114.jpg and use it as a regression detector in our test suite.

I've set the status to Resolved/100% and, if nothing else arises, this will be closed prior to shipping v0.26.

**#4 - 13 Oct 2015 19:54 - Robin Mills**

*- Status changed from Resolved to Closed*