

## Exiv2 - Bug #763

### Olympus E-510 RAW file (ORF) corrupted after geotagging

27 Feb 2011 01:33 - Spica Han

<b>Status:</b>	Closed	<b>Start date:</b>	27 Feb 2011
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Robin Mills	<b>% Done:</b>	100%
<b>Category:</b>	withdrawn	<b>Estimated time:</b>	1.00 hour
<b>Target version:</b>	0.26		

**Description**

Hi all, I used exiv2-0.21.1 to add GPS info to my Olympus E-510 RAW files. Exiv2 finished successfully. But the result files seem to be corrupted. I tried to open them in Mac OS X 10.6.6 with Adobe Photoshop CS5 (Camera Raw 6.3), and Camera Raw complained 'Could not complete your request because the file appears to be from a camera model which is not supported by the installed version of Camera Raw'. I also tried with Aperture 3.1.1 and Preview, and they both failed to render the image. The original files can be opened correctly.

The command I used for geotagging is  
**exiv2 -m geotag.cmd P9124985.ORF**  
Both geotag.cmd and P9124985.ORF sample are attached.

BTW, the above command works fine with Nikon NEF files.

#### History

##### #1 - 23 Aug 2015 16:18 - Robin Mills

- Target version set to 53

##### #2 - 28 Mar 2016 21:37 - Robin Mills

- Category set to metadata
- Status changed from New to Assigned
- Assignee set to Robin Mills

This issue has been in the database for 5 years and nobody else has requested progress with this matter. So, unless you engage to persuade me to keep this matter alive, it will be closed on April 30 as "no longer needed/wanted".

##### #3 - 17 Apr 2016 18:12 - Robin Mills

- Category changed from metadata to withdrawn
- Status changed from Assigned to Closed
- Target version changed from 53 to 0.26
- % Done changed from 0 to 100
- Estimated time set to 1.00 h

I can't open the file P9124985.ORF with Adobe PhotoShop Elements (nor with Exiv2). I can only assume that this is the "corrupted" file.

I've taken a good .ORF (which was provided to investigate [#1178](#)) and copied that to P9124985.ORF. The command file works perfectly.

```
562 rmills@rmillsmbp:~/Downloads $ exiv2 -pa --grep gps/i P9124985.ORF
Exif.Image.GPSTag                Long      1 1253058
Exif.GPSInfo.GPSVersionID        Byte     4 2.0.0.0
Exif.GPSInfo.GPSVersionID        Byte     4 2.3.0.0
Exif.GPSInfo.GPSLatitudeRef      Ascii    2 North
Exif.GPSInfo.GPSLatitude         Rational  3 36deg 33' 16.450"
Exif.GPSInfo.GPSLongitudeRef     Ascii    2 West
Exif.GPSInfo.GPSLongitude        Rational  3 121deg 55' 47.050"
Exif.GPSInfo.GPSAltitudeRef      Byte     1 Above sea level
Exif.GPSInfo.GPSAltitude         Rational  1 3.2 m
Exif.GPSInfo.GPSTimeStamp        SRational 3 21:22:48
Exif.GPSInfo.GPSMapDatum         Ascii    7 WGS-84
```

```

Exif.GPSInfo.GPSDateStamp          SRational  3  2010/1  9/1  12/1
563 rmills@rmillsmbp:~/Downloads $ cat geotag.cmd
add Exif.GPSInfo.GPSVersionID      Byte      2  0  0  0
add Exif.GPSInfo.GPSLatitudeRef    Ascii     N
add Exif.GPSInfo.GPSLatitude       Rational  36/1  33/1  1645/100
add Exif.GPSInfo.GPSLongitudeRef   Ascii     W
add Exif.GPSInfo.GPSLongitude      Rational  121/1  55/1  4705/100
add Exif.GPSInfo.GPSAltitudeRef    Byte      0
add Exif.GPSInfo.GPSAltitude       Rational  1986/625
add Exif.GPSInfo.GPSTimeStamp      SRational 21/1  22/1  48/1
add Exif.GPSInfo.GPSMapDatum       Ascii     WGS-84
add Exif.GPSInfo.GPSDateStamp      SRational 2010/1  9/1  12/1
564 rmills@rmillsmbp:~/Downloads $

```

I'm going to mark the issue as close/withdrawn/v0.26.

## Files

File Name	Size	Date	Author
P9124985.ORF	9.24 MB	27 Feb 2011	Spica Han
geotag.cmd	670 Bytes	27 Feb 2011	Spica Han