

## Exiv2 - Bug #703

### exiv2 fails to extract preview from Olympus E-500 raw files

06 May 2010 01:51 - Michal Čihař

<b>Status:</b>	New	<b>Start date:</b>	06 May 2010
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Robin Mills	<b>% Done:</b>	0%
<b>Category:</b>	metadata	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	1.0		

#### Description

Two sample files:

[http://mitago.net/tmp/Olympus\\_E500.orf](http://mitago.net/tmp/Olympus_E500.orf)

[http://mitago.net/tmp/Olympus\\_E510.orf](http://mitago.net/tmp/Olympus_E510.orf)

On E500 exiv2 fails to extract big preview:

```
$exiv2 -pp Olympus_E500.orf
Olympus_E500.orf  Preview 1: image/jpeg, 160x120 pixels, 10167 bytes
Olympus_E500.orf  Preview 2: image/jpeg, 160x120 pixels, 10167 bytes
                  ^^^^
                  No big preview
```

While it works on 510 files:

```
$exiv2 -pp Olympus_E510.orf
Olympus_E510.orf  Preview 1: image/jpeg, 160x120 pixels, 8295 bytes
Olympus_E510.orf  Preview 2: image/jpeg, 1600x1200 pixels, 394571 bytes
```

If I try with exiftool, it shows the correct ones

```
$ exiftool Olympus_E500.orf | grep Preview
Preview Image Valid      : Yes
Preview Image Start      : 24576
Preview Image Length     : 417457
Preview Image            : (Binary data 417457 bytes, use -b option to extract)
```

```
$ exiftool Olympus_E510.orf | grep Preview
Preview Image Valid      : Yes
Preview Image Start      : 24576
Preview Image Length     : 394571
Preview Image            : (Binary data 394571 bytes, use -b option to extract)
```

#### Related issues:

Related to Exiv2 - Feature # 766: exiv2 seem to decode less metadata from Oly...

Closed

09 Mar 2011

#### History

#1 - 06 May 2010 01:53 - Michal Čihař

**#2 - 06 Apr 2015 22:27 - Alan Pater**

Confirmed. I extracted the preview images using exiv2 -ep. They are both the same small size for the E500.

```
-rw-rw-r-- 1 10167 Apr 6 17:17 Olympus_E500-preview1.jpg
-rw-rw-r-- 1 10167 Apr 6 17:17 Olympus_E500-preview2.jpg

-rw-rw-r-- 1 8295 Apr 6 17:20 Olympus_E510-preview1.jpg
-rw-rw-r-- 1 394571 Apr 6 17:20 Olympus_E510-preview2.jpg
```

exiftool does extract the large preview image

```
exiftool -b -PreviewImage -w _preview.jpg Olympus_E500.orf

-rw-rw-r-- 1 417457 Apr 6 17:24 Olympus_E500_preview.jpg
```

**#3 - 23 Aug 2015 16:17 - Robin Mills**

- *Target version set to 53*

**#4 - 28 Mar 2016 21:32 - 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 6 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".

**#5 - 29 Mar 2016 06:31 - Michal Čihař**

The bug is still valid with exiv2 0.25...

**#6 - 29 Mar 2016 11:22 - Robin Mills**

- *Status changed from Assigned to New*  
- *Target version changed from 53 to 1.0*

I'll move it to Target 1.0 and it'll be considered for v0.27. I'm closing on code-complete for v0.26 and this will not be in v0.26. I haven't started to schedule v0.27 yet.