

## Exiv2 - Bug #484

### exiv2 -T adjusts file timestamp wrongly

07 Sep 2006 02:07 - Andreas Huggel

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Andreas Huggel	<b>% Done:</b>	0%
<b>Category:</b>	tools	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.16		
<b>Description</b>			
On Tuesday 05 September 2006 23:12, Dave Locke wrote:			
This program looks like exactly what I was looking for. Turns out, I did not reset my camera time to local time when I was touring Asia. I see that I can add time to the original timestamp. I am also trying to set the file timestamp to the same time. As I understand,			
exiv2 -a9 ad dsc0889.jpg will add 9 hours to the original timestamp, eg 6/9/2006 09:11 becomes 6/9/2006 18:11			
exiv2 -T mn dsc0899.jpg will set file time stamp from the "new" original timestamp, to 6/9/2006 18:11			
Unfortunately, there seems to be a bug (or I don't get how to use it, which is entirely possible). The -T run does not set the file timestamp properly. When I run in -v mode, it shows it is updating correct. When the file timestamp is read by my picture organizer software, it is not the 6/9/2006 18:11 but is 6 hours earlier 6/9/2006 13:11			
Any help you can give would be greatly appreciated.			
Thanks Dave			
<b>Related issues:</b>			
Related to Exiv2 - Bug #514: Linking with libexiv2 masks system localtime, an...			<b>Closed</b>

### History

#### #1 - 07 Sep 2006 02:08 - Andreas Huggel

I can reproduce this on Windows

#### #2 - 14 Sep 2006 07:32 - Andreas Huggel

The problem occurs only in Windows; the mktime() system call doesn't take timezone settings from the Control Panel into account.

Workaround: Set the TZ environment variable. Note that the format of TZ is confusing. E.g., here in Malaysia, I set TZ=MYT-8, where MYT is a string to identify the timezone (but it doesn't matter what it is) and -8 because if I add -8 to local Malaysian time I get GMT.

#### #3 - 30 Dec 2007 08:57 - Andreas Huggel

[r1355](#)