

## Re: File Date and Time stamp after FileStream.Write(), C#

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<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.framework.compactframework/2007-05/msg003>

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- *From:* "Neville Lang" <[neville@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:neville@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Tue, 22 May 2007 14:12:35 +1000
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Hi Paul,

Thanks for the information. I found the thread that you mentioned.

One thing that has changed on my setup is that up to now, I have been running app tests on my Dell Axim Pocket PC device, with the app installed in the device memory. I have recently been testing my app on my Pocket PC phone device where the app has been installed onto a memory card.

It has been the memory card installation that has been the change and is where I noticed the time stamp differences. From the information on the other thread, it just might be that creating a new file on a memory card uses UT time by that particular file store driver but doing the same thing in device memory uses local time.

If we have to depend on memory card drivers for time stamps then it might very well be that some memory card file store drivers use UT time while others use local time. I have not tested this out yet but if this is the case then what an inconsistency!

Fortunately, the time stamp issue is not critical for my application but something that I just noticed. I do not know how other apps might cope if they were time stamp dependent and were deployed to consumers that where there are different types of memory cards.

Regards,  
Neville Lang

"Paul G. Tobey [eMVP]" <[p space tobey no spam AT no instrument no spam DOT com](mailto:p space tobey no spam AT no instrument no spam DOT com)> wrote in message [news:eaD\\$B%237mHHA.4132@xxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eaD$B%237mHHA.4132@xxxxxxxxxxxxxxxxxxxxxxxxxxxx)

It means that what time gets put on the file depends on what filesystem the file is being stored to. It might be different on a storage card and in the object store, for example. I seem to remember some traffic about

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this in a thread in another group. You might use GoogleGroups advanced groups search to search all of microsoft.public.windowsce.\* for something about file time stamps being UTC or not...

Paul T.

"Neville Lang" <neville@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message [news:eEUJXM7mHHA.3952@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:eEUJXM7mHHA.3952@xxxxxxxxxxxxxxxxxxxxxxxx)

Hi Chris,

Thank you for that information. Does that mean that whenever a new file is created, it always get stamped with the UT time stamp? I felt sure that newly created files had the time stamp of the local time.

If a new file always gets stamped with UT time, what do I need to do in CF (or P/Invoke) to change the time to local time when new files are created?

Sorry for these questions but something must have changed recently. I do not remember having this problem before. This app has been around for over 3 years and I feel sure time stamps were OK previously.

Regards,  
Neville Lang

9848 2678

"<ctacke/>" <ctacke[at]opennetcf[dot]com> wrote in message [news:e09Eok6mHHA.4412@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:e09Eok6mHHA.4412@xxxxxxxxxxxxxxxxxxxxxxxx)

The time stamp is handled by the OS's File System Driver, so the CF has nothing to do with how it gets stamped.

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Chris Tacke, Embedded MVP  
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"Neville Lang" <neville@xxxxxxxxxxxxxxxxxxxxxxxx> wrote in message [news:Oe2ykJ0mHHA.960@xxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:Oe2ykJ0mHHA.960@xxxxxxxxxxxxxxxxxxxxxxxx)

Hi all,

Re: File Date and Time stamp after FileStream.Write(), C#

I have just noticed in my CF app on a Pocket PC (PPC) that when I create a new file and write some bytes to it on the PPC using FileStream's FileMode.CreateNew (and Create), FileAccess.Write, the date and time stamp displayed in the Modified column in Windows Explorer on the desktop, accessing the Mobile Device, suggests that the Modified time is set for UT and not my local time. I have just noticed this and so do not know whether it has occurred in the past.

I automatically thought that the date and time stamp would use the PPC's current date and time (I seem to remember that it did so in the past) but evidently not.

Any ideas?

My app is currently using CFv1 on VS2005. I will be changing it to CFv2 soon.

Regards,  
Neville Lang