

Re: datetime conversions – US CST

Source:

<http://www.tech-archive.net/Archive/DotNet/microsoft.public.dotnet.languages.vb/2004-08/4837.html>

From: Jay B. Harlow [MVP – Outlook] (*Jay_Harlow_MVP_at_msn.com*)

Date: 08/26/04

Date: Wed, 25 Aug 2004 21:44:43 -0500

Mark,

In case you missed my point. I am suggesting you only send time in universal time between servers. I would convert local time to universal time on the originating systems only (not pass thru systems).

No matter what server you are on, or how many you pass thru, the time will still be universal time. Hence there is no worry as to what the local time is!

To answer your question, DateTime does not itself keep track as to whether it is in Local or Universal time you need to do this yourself. I normally do this via the context of the variable.

You can use System.TimeZone.CurrentTimeZone to find out what the current time zone on your system is.

Hope this helps

Jay

"Mark" <marfi95@yahoo.com> wrote in message
news:f47c17d0.0408250550.1aacb8f2@posting.google.com...

> *Thanks Jay.*

>

> *Unfortunately, in this environment, the server that I referred to is
> not the end location and is not in CST. For this particular txn, its
> just passing thru the message on to the final dest. So the server
> would have the same problem. I haven't looked yet, but does the
> localtime include the timezone locally also, so I would have that
> information ?*

>

> *"Jay B. Harlow [MVP – Outlook]" <Jay_Harlow_MVP@msn.com> wrote in message
news:<uGIIUVliEHA.3536@TK2MSFTNGP12.phx.gbl>...*

> > *Mark,*

> > *Unfortunately System.DateTime (VB's Date) only knows how to convert a*

> > *Universal Time to Local Time & convert Local Time to UniversalTime.*

> >

> > *I would recommend that each of your machines convert local time to*

universal

> > *time, then send that time to the server. The server can then convert the*
> > *universal time to local time which will be CST.*
> >
> > *You can use*
> > *– DateTime.Now – to get current local date & time*
> > *– DateTime.UtcNow – to get current date & time in universal time (UTC)*
> > *– DateTime.ToUniversalTime – to convert local time to universal time*
> > *– DateTime.ToLocalTime – to convert universal time to local time*
> >
> >
> > *Hope this helps*
> > *Jay*
> >
> > *"Mark" <marfi95@yahoo.com> wrote in message*
> > *news:f47c17d0.0408241507.65f44958@posting.google.com...*
> > > *Hey everybody.*
> > >
> > > *Is there an easy way in vb.net to convert the local time of a machine*
> > > *to US CST ? My machines are distributed throughout and the server is*
> > > *requesting we send the time of the txns in US CST.*
> > >
> > > *TIA,*
> > > *Mark*