

Backport193 - Backport #6135

DateTime.now incorrect offset on Windows after daylight savings time change

03/13/2012 07:43 AM - jeremyevans0 (Jeremy Evans)

Status:	Closed
Priority:	Normal
Assignee:	tadf (tadayoshi funaba)
Description	
<pre>C:\>ruby -v -r date -e 'p Time.now; p DateTime.now' ruby 1.9.3p125 (2012-02-16) [i386-mingw32] 2012-03-12 14:55:05 -0700 #<DateTime: 2012-03-12T14:55:05-08:00 ((2455999j,82505s,413234000n),-28800s,2299161j)></pre>	
<p>Note how the DateTime offset is -08:00 (incorrect) while the Time offset is -0700 (correct). This probably started happening yesterday, March 11, since that is the start of daylight savings time in the United States. My guess is that DateTime is somehow using the pre-2007 daylight savings time cutoffs (first Sunday in April instead of second Sunday in March), but that's not an informed guess.</p>	
<p>This doesn't happen in ruby 1.9.2, so it's probably related to the new 1.9.3 date C extension (switch_hitter). Operating system is Windows XP SP3.</p>	

Associated revisions

Revision d66248a7 - 03/30/2012 05:15 AM - naruse (Yui NARUSE)

merge revision(s) 35002: [Backport #6135]

```
* ext/date/date_core.c (datetime_s_now): [ruby-core:43256].
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@35177 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 35177 - 03/30/2012 05:15 AM - naruse (Yui NARUSE)

merge revision(s) 35002: [Backport #6135]

```
* ext/date/date_core.c (datetime_s_now): [ruby-core:43256].
```

History

#1 - 03/16/2012 02:30 AM - jeremyevans0 (Jeremy Evans)

This should be fixed by r35002, so this ticket can be closed. I'll open a backport ticket for 1.9.3.

Edit: Looks like for backports, instead of opening a new ticket, the current ticket is moved. Can someone move this ticket to the Backport93 project?

#2 - 03/18/2012 05:48 AM - nagachika (Tomoyuki Chikanaga)

- Tracker changed from Bug to Backport

- Project changed from Ruby master to Backport193

#3 - 03/30/2012 02:15 PM - naruse (Yui NARUSE)

- Status changed from Open to Closed

- % Done changed from 0 to 100

This issue was solved with changeset [r35177](#).

Jeremy, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

merge revision(s) 35002: [Backport [#6135](#)]

```
* ext/date/date_core.c (datetime_s_now): [ruby-core:43256].
```