

## Ruby trunk - Bug #12271

### `Time#to\_time` removes timezone information

04/12/2016 09:35 AM - yui-knk (Kaneko Yuichiro)

|   |   |
|---|---|
| <b>Status:</b> Closed   |   |
| <b>Priority:</b> Normal   |   |
| <b>Assignee:</b>  |   |
| <b>Target version:</b>  |   |
| <b>ruby -v:</b> ruby 2.3.0p0 (2015-12-25 revision 53290)  | <b>Backport:</b> 2.1: WONTFIX, 2.2: WONTFIX, 2.3: WONTFIX |
| <b>Description</b><br><pre>irb(main):001:0&gt; RUBY_VERSION =&gt; "2.3.0" irb(main):002:0&gt; require 'date' =&gt; true irb(main):003:0&gt; ENV['TZ'] = 'US/Eastern' =&gt; "US/Eastern" irb(main):004:0&gt; time = Time.new(2005, 2, 21, 10, 11, 12, '+09:00') =&gt; 2005-02-21 10:11:12 +0900 irb(main):005:0&gt; time.to_time =&gt; 2005-02-20 20:11:12 -0500</pre> <p>Same as <a href="https://bugs.ruby-lang.org/issues/12189">https://bugs.ruby-lang.org/issues/12189</a>, Time#to_time does not use self timezone. I think it is better to make it to match with DateTime#to_time behavior.</p> |   |

#### Associated revisions

##### Revision 456523e2 - 04/12/2016 11:40 AM - nobu (Nobuyoshi Nakada)

date\_core.c: preserve timezone

- ext/date/date\_core.c (time\_to\_time): should preserve timezone info. [ruby-core:74889] [Bug #12271]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@54553 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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##### Revision 3f7cce9f - 04/23/2016 04:27 AM - yui-knk (Kaneko Yuichiro)

- NEWS: Add descriptions for Time#to\_time updates. [Bug #12271] [ci skip]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@54725 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 54725 - 04/23/2016 04:27 AM - yui-knk (Kaneko Yuichiro)**

- NEWS: Add descriptions for Time#to\_time updates. [Bug #12271] [ci skip]

**Revision 54725 - 04/23/2016 04:27 AM - yui-knk (Kaneko Yuichiro)**

- NEWS: Add descriptions for Time#to\_time updates. [Bug #12271] [ci skip]

**Revision 54725 - 04/23/2016 04:27 AM - yui-knk (Kaneko Yuichiro)**

- NEWS: Add descriptions for Time#to\_time updates. [Bug #12271] [ci skip]

**Revision 54725 - 04/23/2016 04:27 AM - yui-knk (Kaneko Yuichiro)**

- NEWS: Add descriptions for Time#to\_time updates. [Bug #12271] [ci skip]

**History**

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**#1 - 04/12/2016 11:40 AM - nobu (Nobuyoshi Nakada)**

- Status changed from Open to Closed

Applied in changeset r54553.

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date\_core.c: preserve timezone

- ext/date/date\_core.c (time\_to\_time): should preserve timezone info. [ruby-core:74889] [Bug #12271]

**#2 - 04/22/2016 08:10 AM - usa (Usaku NAKAMURA)**

- Backport changed from 2.1: UNKNOWN, 2.2: UNKNOWN, 2.3: UNKNOWN to 2.1: WONTFIX, 2.2: REQUIRED, 2.3: REQUIRED

**#3 - 04/22/2016 08:24 AM - yui-knk (Kaneko Yuichiro)**

I feel this is a like feature change.

For example, it seems a rubyist felt this change be incompatibility.

<https://github.com/rails/rails/issues/24617>

Do you think this change is bug fix?

**#4 - 04/22/2016 08:54 AM - shyouhei (Shyouhei Urabe)**

(It is up to the branch maintainers but) given the actual Rails breakage, my feeling is negative to classify this as something to backport.

**#5 - 04/22/2016 09:45 AM - usa (Usaku NAKAMURA)**

- Backport changed from 2.1: WONTFIX, 2.2: REQUIRED, 2.3: REQUIRED to 2.1: WONTFIX, 2.2: WONTFIX, 2.3: UNKNOWN

Thank you for reporting.

I give up to backport this into ruby\_2\_2.

**#6 - 04/23/2016 05:40 PM - nagachika (Tomoyuki Chikanaga)**

- Backport changed from 2.1: WONTFIX, 2.2: WONTFIX, 2.3: UNKNOWN to 2.1: WONTFIX, 2.2: WONTFIX, 2.3: WONTFIX

**Files**

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|           |         |            |                           |
|-----------|---------|------------|---------------------------|
| time.diff | 1.35 KB | 04/12/2016 | yui-knk (Kaneko Yuichiro) |
|-----------|---------|------------|---------------------------|