

Ruby trunk - Bug #15712

DateTime#=== should be defined and compare date and time instead of just the date

03/19/2019 05:00 PM - localhostdotdev (localhost .dev)

Status: Feedback	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.7.0dev (2019-03-18 trunk 67296) [x86_64-darwin17]	Backport: 2.4: UNKNOWN, 2.5: UNKNOWN, 2.6: UNKNOWN

Description

DateTime#=== is inherited from Date#=== without overwriting the #=== method, this leads to DateTime#=== comparing only dates and ignore the time part.

```
DateTime.new(2001, 2, 3) === DateTime.new(2001, 2, 3, 12)
=> false
```

I think this is not the expected behavior but existing code might rely on this.

Date#===: <https://ruby-doc.org/stdlib-2.1.9/libdoc/date/rdoc/Date.html#method-i-3D-3D-3D>

Source: <https://medium.com/@dvandersluis/an-rspec-time-issue-and-its-not-about-timezones-a89bbd167b86>

History

#1 - 03/19/2019 11:05 PM - hsbt (Hiroshi SHIBATA)

[localhostdotdev \(localhost .dev\)](#)

I fixed an issue of our tracker. I deleted 15713-15716.

#2 - 03/21/2019 01:49 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Feedback

What version of DateTime do you use?

With the trunk I got:

```
require 'date'
dt1 = DateTime.new(2001, 2, 3)
dt2 = DateTime.new(2001, 2, 3, 12)
p dt1 === dt2 #=> true
p dt1 == dt2 #=> false
```

#3 - 03/22/2019 05:36 PM - localhostdotdev (localhost .dev)

[nobu \(Nobuyoshi Nakada\)](#) Not sure why I wrote false (maybe I confused === with == in my testing), I'm getting true on ruby 2.5.3, 2.6.1, 2.6.2 and ruby-head (2.7.0 (same as the one registered in the issue)).

```
rvm ruby-head do ruby -e 'require "date"; dt1 = DateTime.new(2001, 2, 3); dt2 = DateTime.new(2001, 2, 3, 12); puts "=== #{dt1 === dt2}"; puts "== #{dt1 == dt2}"; puts RUBY_VERSION'
```