**Ruby master - Bug #14549**

**abort Date#step**

02/24/2018 01:03 PM - ksss (Yuki Kurihara)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
<th>Priority:</th>
<th>Normal</th>
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<tr>
<td>Assignee:</td>
<td></td>
<td>Target version:</td>
<td></td>
</tr>
<tr>
<td>Backport:</td>
<td>2.3: DONE, 2.4: DONE, 2.5: DONE</td>
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</table>

**Description**

```ruby
require 'date'
o = Object.new
def o.<=>(*)
  2
end
Date.new(2000, 1, 1).step(3, o) {} #=> abort
```

I think, It's not intentional behavior.
And it should raise TypeError or ArgumentError, maybe.

**Associated revisions**

Revision d3d84539 - 02/25/2018 04:28 AM - nobu (Nobuyoshi Nakada)

date_core.c: defensive code

- ext/date/date_core.c (f_cmp): check comparison failure.
- ext/date/date_core.c (d_lite_step): deal with the comparison result more defensively. [ruby-core:85796] [Bug #14549]

Revision 62572 - 02/25/2018 04:28 AM - nobu (Nobuyoshi Nakada)

date_core.c: defensive code

- ext/date/date_core.c (f_cmp): check comparison failure.
- ext/date/date_core.c (d_lite_step): deal with the comparison result more defensively. [ruby-core:85796] [Bug #14549]

Revision 62572 - 02/25/2018 04:28 AM - nobu (Nobuyoshi Nakada)

date_core.c: defensive code

- ext/date/date_core.c (f_cmp): check comparison failure.
- ext/date/date_core.c (d_lite_step): deal with the comparison result more defensively. [ruby-core:85796] [Bug #14549]

Revision 607927bf - 02/28/2018 09:52 AM - naruse (Yui NARUSE)

merge revision(s) 62572: [Backport #14549]

```ruby
date_core.c: defensive code

* ext/date/date_core.c (f_cmp): check comparison failure.
* ext/date/date_core.c (d_lite_step): deal with the comparison
```
result more defensively. [ruby-core:85796] [Bug #14549]

Revision 62610 - 02/28/2018 09:52 AM - naruse (Yui NARUSE)
merge revision(s) 62572: [Backport #14549]

date_core.c: defensive code
* ext/date/date_core.c (f_cmp): check comparison failure.
* ext/date/date_core.c (d_lite_step): deal with the comparison result more defensively. [ruby-core:85796] [Bug #14549]

Revision 29fa5cc8 - 03/21/2018 04:17 PM - nagachika (Tomoyuki Chikanaga)
merge revision(s) 62572: [Backport #14549]

date_core.c: defensive code
* ext/date/date_core.c (f_cmp): check comparison failure.
* ext/date/date_core.c (d_lite_step): deal with the comparison result more defensively. [ruby-core:85796] [Bug #14549]

Revision 62883 - 03/21/2018 04:17 PM - nagachika (Tomoyuki Chikanaga)
merge revision(s) 62572: [Backport #14549]

date_core.c: defensive code
* ext/date/date_core.c (f_cmp): check comparison failure.
* ext/date/date_core.c (d_lite_step): deal with the comparison result more defensively. [ruby-core:85796] [Bug #14549]

Revision 58cfb065 - 03/28/2018 05:54 AM - usa (Usaku NAKAMURA)
merge revision(s) 62572: [Backport #14549]

date_core.c: defensive code
* ext/date/date_core.c (f_cmp): check comparison failure.
* ext/date/date_core.c (d_lite_step): deal with the comparison result more defensively. [ruby-core:85796] [Bug #14549]

Revision 62947 - 03/28/2018 05:54 AM - usa (Usaku NAKAMURA)
merge revision(s) 62572: [Backport #14549]

date_core.c: defensive code
* ext/date/date_core.c (f_cmp): check comparison failure.
* ext/date/date_core.c (d_lite_step): deal with the comparison result more defensively. [ruby-core:85796] [Bug #14549]

History
#1 - 02/25/2018 04:22 AM - nobu (Nobuyoshi Nakada)
- Backport changed from 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN to 2.3: REQUIRED, 2.4: REQUIRED, 2.5: REQUIRED
- Description updated

#2 - 02/25/2018 04:28 AM - nobu (Nobuyoshi Nakada)
- Status changed from Open to Closed

Applied in changeset trunk/r62572.
date_core.c: defensive code

- ext/date/date_core.c (f_cmp): check comparison failure.

- ext/date/date_core.c (d_lite_step): deal with the comparison result more defensively. [ruby-core:85796] [Bug #14549]

#3 - 02/28/2018 09:52 AM - naruse (Yui NARUSE)
- Backport changed from 2.3: REQUIRED, 2.4: REQUIRED, 2.5: REQUIRED to 2.3: REQUIRED, 2.4: REQUIRED, 2.5: DONE

ruby_2_5 r62610 merged revision(s) 62572.

#4 - 03/21/2018 04:17 PM - nagachika (Tomoyuki Chikanaga)
- Backport changed from 2.3: REQUIRED, 2.4: REQUIRED, 2.5: DONE to 2.3: REQUIRED, 2.4: DONE, 2.5: DONE

ruby_2_4 r62883 merged revision(s) 62572.

#5 - 03/28/2018 05:54 AM - usa (Usaku NAKAMURA)
- Backport changed from 2.3: REQUIRED, 2.4: DONE, 2.5: DONE to 2.3: DONE, 2.4: DONE, 2.5: DONE

ruby_2_3 r62947 merged revision(s) 62572.