Ruby master - Bug #7298

Behavior of Enumerator.new different between 1.9.3 and 2.0.0

11/07/2012 07:27 AM - ayumin (Ayumu AIZAWA)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>ayumin (Ayumu AIZAWA)</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.0.0</td>
</tr>
<tr>
<td>ruby -v:</td>
<td>ruby 2.0.0dev (2012-11-07 trunk 37528) [x86_64-darwin12.2.0]</td>
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**Description**

Under 1.9.3, when Enumerator.new was called with arguments and block, it returns an Enumerator object. But under trunk, it makes TypeError.

```
$ ruby -v -e "p Enumerator.new([1,2,3]){|y|y.yield 4}"
ruby 1.9.3p194 (2012-04-20 revision 35410) [x86_64-darwin11.4.2] #
```

```
$ ./ruby -v -e "p Enumerator.new([1,2,3]){|y|y.yield 4}"
ruby 2.0.0dev (2012-11-07 trunk 37528) [x86_64-darwin12.2.0]
-e:1:in initialize: can't convert Array into Integer (TypeError)
from -e:1:in new'
from -e:1:in ''
```

**Related issues:**

- Related to Ruby master - Feature #6636: Enumerable#size
  - Closed 06/24/2012
- Has duplicate Ruby master - Bug #7313: test_initialize(TestEnumerator) fails
  - Closed 11/09/2012

**Associated revisions**

- Revision 37609 - 11/10/2012 04:03 AM - marcandre (Marc-Andre Lafortune)
  Revert of 37541 "test/ruby/test_enumerator.rb: Add test to shed light upon the bug" [7298]
  This reverts commit 0ab21f9572d5d5f76b908aa2f3381cde32a64c4c8.

- Revision 37609 - 11/10/2012 04:03 AM - marcandre (Marc-Andre Lafortune)
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Marc-Andre, please fix it by preview2.

--
Yusuke Endoh mame@tsg.ne.jp

Sorry, completely forgot to check rubyspec. Fixed.
I'll take this occasion to open a new feature request sitting on my todo list for over a year...

Hi Mark,
You fixed rubyspec... just skipped. I think this is not fair.
Same example still reproduce same problem.
As mame said it should be fixed until preview2.
I added more example in test/ruby/test_enumerator.rb to shed light on this issue by r37541.

Sorry, I am missing your point. There was no meaning to the form Enumerator.new( obj ) { block }; the block was completely ignored and there should have been a warning (like there is for Array.new, #index, #count, ...) What is the meaning of { |y| i = 0; loop { y << (i+=1) } } in your test? Do you think it does anything?

Hi Mark,
The given block has no mean.
It is just same as above example. I wanted to show that this issue is not closed yet by testcode.
I agreed what you said.
When Enumerator.new called with args and block, the block is ignored and it should have been a warning. Thus, I will fix example. (after my daywork)
Thanks.

- Category set to test
Hello,

I'm bumping the priority on this since it broke the build:

http://www.rubyist.net/~akr/chkbuild/debian/ruby-trunk/log/20121109T003800Z.log.html.gz#test-all

http://ci.rubyinstaller.org/job/ruby-trunk-x86-test-all/271/console

Thank you

#10 - 11/10/2012 07:11 AM - luislavena (Luis Lavena)

=begin
ping?

20 hours have past and failure is still there:

http://www.rubyist.net/~akr/chkbuild/debian/ruby-trunk/log/20121109T163100Z.log.html.gz#test-all

http://ci.rubyinstaller.org/job/ruby-trunk-x86-test-all/275/console

1) Error:
test_initialize(TestEnumerator):
TypeError: can't convert Array into Integer
C:/Users/Worker/Jenkins/workspace/ruby-trunk-x86-build/test/ruby/test_enumerator.rb:72:in initialize'
C:/Users/Worker/Jenkins/workspace/ruby-trunk-x86-build/test/ruby/test_enumerator.rb:72:in new'
C:/Users/Worker/Jenkins/workspace/ruby-trunk-x86-build/test/ruby/test_enumerator.rb:72:in 'test_initialize'

=end

#11 - 11/10/2012 01:15 PM - marcandre (Marc-Andre Lafortune)

- Status changed from Assigned to Closed
- Priority changed from 7 to Normal

I reverted Ayumin's commit, although I had understood that he would do it himself...?