Ruby master - Bug #16453

irb crashes when using array literal and heredoc

12/26/2019 05:13 AM - jnchito (Junichi Ito)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>aycabta (aycabta .)</td>
</tr>
<tr>
<td>Target version:</td>
<td>ruby 2.7.0p0 (2019-12-25 revision 647ee6f091) [x86_64-darwin19]</td>
</tr>
</tbody>
</table>

**Description**

I wanted to type like this:

```ruby
[<<FOO]
hello
FOO
```

But IRB crashed after input "hello" (and return):

```
irb(main):001:-"  [<<FOO]
irb(main):002:-"  helloTraceback (most recent call last):
 32:  from /Users/jnito/.rbenv/versions/2.7.0/bin/irb:23:in `<main>'
 31:  from /Users/jnito/.rbenv/versions/2.7.0/bin/irb:23:in `load'
 30:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/gems/2.7.0/gems/irb-1.2.1/exe/irb:11:in `<top (required)>'
 29:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/irb.rb:398:in `start'
 28:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/irb.rb:469:in `catch'
 27:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/irb.rb:469:in `run'
 26:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/irb.rb:470:in `block in run'
 25:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/irb.rb:535:in `eval_input'
 24:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/lib/ruby/2.7.0/irb/lex.rb:134:in `each_top_level_statement'
 23:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/lib/ruby/2.7.0/irb/lex.rb:134:in `catch_top_level_statement'
 22:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/lib/ruby/2.7.0/irb/lex.rb:135:in `block in each_top_level_statement'
 21:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/lib/ruby/2.7.0/irb/lex.rb:135:in `loop'
 20:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/lib/ruby/2.7.0/irb/lex.rb:166:in `block (2 levels) in each_top_level_statement'
 19:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/lib/ruby/2.7.0/irb/lex.rb:166:in `lex'
 18:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/lib/ruby/2.7.0/irb/lex.rb:516:in `block in eval_input'
 17:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/lib/ruby/2.7.0/irb/lex.rb:693:in `signal_status'
 16:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/lib/ruby/2.7.0/irb/lex.rb:517:in `block (2 levels) in eval_input'
 15:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/lib/ruby/2.7.0/input-method.rb:258:in `gets'
 14:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/lib/ruby/2.7.0/forwardable.rb:235:in `readmultiline'
 13:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/forwardable.rb:235:in `readmultiline'
 12:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/reline.rb:282:in `read multiline'
 11:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/reline.rb:293:in `read_input'
 10:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/reline.rb:293:in `read_input'
  9:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/reline.rb:293:in `read_input'
  8:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/reline.rb:262:in `read io'
  7:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/reline.rb:262:in `loop'
  6:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/reline.rb:303:in `block in read io'
  5:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/reline.rb:234:in `block (2 levels) in inner_readline'
  4:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/reline.rb:234:in `each'
  3:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/reline.rb:234:in `block (3 levels) in inner_readline'
  2:  from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/reline/line_editor.rb:835:in `input
```
```ruby
1: from /Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/reline/line_editor.rb:855:in `process_auto_indent'
/Users/jnito/.rbenv/versions/2.7.0/lib/ruby/2.7.0/reline/line_editor.rb:855:in `*': negative argument (ArgumentError)
```

---

**History**

**#1 - 02/14/2020 11:38 AM - hsbt (Hiroshi SHIBATA)**

- Assignee set to aycabta (aycabta .)
- Status changed from Open to Assigned

**#2 - 02/15/2020 01:43 PM - aycabta (aycabta .)**

- Status changed from Assigned to Closed

This is already fixed.