# Ruby master - Bug #4301

## Off-by-one line number in Psych parse error

01/21/2011 09:34 AM - headius (Charles Nutter)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Third Party's Issue</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>tenderlovemaking (Aaron Patterson)</td>
</tr>
<tr>
<td>Target version:</td>
<td>2.0.0</td>
</tr>
<tr>
<td>ruby -v:</td>
<td>ruby 1.9.2p136 (2010-12-25 revision 30365) [x86_64-darwin10.6.0]</td>
</tr>
</tbody>
</table>

**Description**

=begin
For the following yaml:

# based on "SGML/XML character entity reference" at http://www.bitjungle.com/isoent/
#

#DOUBLE LOW-9 QUOTATION MARK
#requires fontenc:T1
ldquor: ,,

Psych produces the following error:

/Users/headius/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/psych.rb:148:in `parse': couldn't parse YAML at line 5 column 9 (Psych::SyntaxError)

The error is at line 6, not line 5.
=end

**History**

### #1 - 01/22/2011 11:27 AM - Anonymous
- Status changed from Open to Closed
- % Done changed from 0 to 100

=begin
This issue was solved with changeset r30628. Charles, thank you for reporting this issue. Your contribution to Ruby is greatly appreciated. May Ruby be with you.
=end

- ext/psych/parser.c (parse): fixing off-by-one error on line numbers in parse exceptions. [ruby-core:34690]
- test/psych/test_parser.rb: test for error

### #2 - 01/22/2011 05:23 PM - headius (Charles Nutter)

=begin
Hmm, I think there's more to this, and it could certainly be a bug in libyaml. The following version has the correct line number, without your patch:

~ ruby -rpsych -ryaml -e "YAML.parse("---
ldquor: ,")"/
/Users/headius/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/psych.rb:148:in `parse': couldn't parse YAML at line 1 column 9 (Psych::SyntaxError)
from /Users/headius/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/psych.rb:119:in `parse'
from -e:1:in

So there's something about the yaml I posted in the bug description that's special
=end

### #3 - 01/23/2011 07:41 AM - tenderlovemaking (Aaron Patterson)

=begin
On Sat, Jan 22, 2011 at 05:23:35PM +0900, Charles Nutter wrote:

08/06/2021
Hmm, I think there's more to this, and it could certainly be a bug in libyaml. The following version has the correct line number, without your patch:

```
~ ➔ ruby -rpsych -ryaml -e 'YAML.parse("---\n    r: ,,,")'/Users/headius/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/psych.rb:148:in parse': couldn't parse YAML at line 1 column 9 (Psych::SyntaxError)
from /Users/headius/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/psych.rb:119:in parse'
from -e:1:in ')
```

So there's something about the yaml I posted in the bug description that's special

You're right. I'm going to revert this patch and reopen the ticket until I figure out what's wrong. This definitely looks like a libyaml problem. :-(

--
Aaron Patterson
http://tenderlovemaking.com/

Attachment: (unnamed)
=end

#4 - 01/23/2011 07:44 AM - tenderlovemaking (Aaron Patterson)
- Status changed from Closed to Open
- Assignee set to tenderlovemaking (Aaron Patterson)

=begin
Reopening as this seems like a bug in libyaml.
=end

#5 - 01/24/2011 06:10 AM - headius (Charles Nutter)
=begin
FYI, 1.8/syck parses the yaml shown here, but libyaml (and SnakeYAML) do not (correctly). Ran into it because it's in a file that ships with RedCar:


Originally thought it was a bug in SnakeYAML:

http://code.google.com/p/snakeyaml/issues/detail?id=105&can=1

Just wanted to make it clear the yaml shown here does appear to be "correctly invalid".  :-(
=end

#6 - 01/28/2011 04:43 PM - usa (Usaku NAKAMURA)
- Status changed from Open to Assigned

=begin
=end

#7 - 06/11/2011 03:37 PM - ko1 (Koichi Sasada)
How about it?

#8 - 06/26/2011 05:41 PM - nahi (Hiroshi Nakamura)
- Target version set to 1.9.3

#9 - 07/21/2011 02:50 PM - kosaki (Motohiro KOSAKI)
- Category set to lib
- Target version changed from 1.9.3 to 2.0.0

I wonder why this issue is not 3rd party issue. Anyway this is not 1.9.3 material.

#10 - 07/22/2011 05:00 AM - tenderlovemaking (Aaron Patterson)
- Status changed from Assigned to Third Party's Issue

Yes, this should be third party issue.