

Ruby - Bug #10653

do-end block in ternary operator is syntax error

12/26/2014 03:01 AM - yancya (Shinta Koyanagi)

Status:	Closed							
Priority:	Normal							
Assignee:	matz (Yukihiro Matsumoto)							
Target version:								
ruby -v:	ruby 2.2.0p0 (2014-12-25 revision 49005) [x86_64-darwin14]	Backport: 2.0.0: DONTNEED, 2.1: DONTNEED, 2.2: DONE						
Description - For example<pre>ruby -v -e 'true ? 1.tap do n p n end : 0'</pre> - Result by 2.1.5<pre>ruby 2.1.5p273 (2014-11-13 revision 48405) [x86_64-darwin14.0] 1</pre> - Result by 2.2.0<pre>ruby 2.2.0p0 (2014-12-25 revision 49005) [x86_64-darwin14] -e:1: syntax error, unexpected keyword_do_cond, expecting ':' true ? 1.tap do n p n end : 0 ^ -e:1: syntax error, unexpected tIDENTIFIER, expecting keyword_do or '{' or '(' true ? 1.tap do n p n end : 0 ^</pre>								
Related issues: <table><tr><td>Related to Ruby - Feature #4276: Allow use of quotes in symbol syntactic suga...</td><td>Closed</td><td>01/13/2011</td></tr><tr><td>Related to Ruby - Bug #11456: Hash rescue SyntaxError</td><td>Closed</td><td></td></tr></table>			Related to Ruby - Feature #4276: Allow use of quotes in symbol syntactic suga...	Closed	01/13/2011	Related to Ruby - Bug #11456: Hash rescue SyntaxError	Closed	
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Associated revisions

Revision 94b1db5d673295b4276e809de4937a9536711540 - 08/17/2015 11:56 AM - nobu (Nobuyoshi Nakada)

parse.y: fix block after conditional

- parse.y: fix syntax error at do-block after a conditional operator. separate label-allowed and after-a-label states from others as bit flags. [ruby-dev:48790] [Bug #10653]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@51617 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 94b1db5d - 08/17/2015 11:56 AM - nobu (Nobuyoshi Nakada)

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Revision df51beda2f3237580976f241842c320b7121d72c - 10/05/2015 04:47 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 50409,51616,51617,51624: [Backport #10653] [Backport #11456]

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parse.y: %-string cannot be a label

* parse.y (parser_yylex): %-string cannot be a label even if
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terminated by single/double quotes.

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* parse.y (IS_BEG): include labeled argument state, which was
  EXPR_LABELARG. [ruby-dev:49221] [Bug #11456]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_2@52046 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision df51beda - 10/05/2015 04:47 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 50409,51616,51617,51624: [Backport #10653] [Backport #11456]

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History

#1 - 12/26/2014 08:01 AM - nobu (Nobuyoshi Nakada)

- Related to Feature #4276: Allow use of quotes in symbol syntactic sugar for hashes added

#2 - 08/17/2015 11:32 AM - nobu (Nobuyoshi Nakada)

- Backport changed from 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN to 2.0.0: DONTNEED, 2.1: DONTNEED, 2.2: REQUIRED

#3 - 08/17/2015 11:57 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset r51617.

parse.y: fix block after conditional

- parse.y: fix syntax error at do-block after a conditional operator. separate label-allowed and after-a-label states from others as bit flags. [\[ruby-dev:48790\]](#) [Bug #10653]

#4 - 08/18/2015 08:15 AM - nobu (Nobuyoshi Nakada)

- Related to Bug #11456: Hash `rescue SyntaxError` added

#5 - 09/29/2015 06:22 PM - nagachika (Tomoyuki Chikanaga)

After backporting r50409 and r51617, TestSyntax#test_block_after_cond failed.

#6 - 09/29/2015 06:32 PM - nagachika (Tomoyuki Chikanaga)

r51616 should be backported too?

#7 - 10/05/2015 05:00 PM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.0.0: DONTNEED, 2.1: DONTNEED, 2.2: REQUIRED to 2.0.0: DONTNEED, 2.1: DONTNEED, 2.2: DONE

r50409, r51616, r51617 and r51624 were backported into ruby_2_2 branch at r52046.

With r50409 a minor incompatibility is introduced (`{ %w"key": 0 }` cause SyntaxError).

I'm not confident the incompatibility is essential part of this fixes, but the accurate surgery is required to eliminate the incompatibility. I gave up.

#8 - 01/09/2016 11:26 AM - whitequark (whitequark *)

I was implementing this in my Ruby parser and I found a much simpler solution than what you've implemented here:

<https://github.com/whitequark/parser/commit/113442eff1f9c6f7e7205ec0dac8cb858b3b0fc7>

In short, instead of explicitly enumerating all contexts where a label is valid, I only disallow quoted label at `EXPR_VALUE` using an additional flag. It works just as well. It also would not exhibit the bug with `%w` during backport.

Might I suggest a simplification to `parse.y`?

#9 - 01/09/2016 12:38 PM - nobu (Nobuyoshi Nakada)

Currently it's a bit flag in `parse.y` too.