Ruby master - Feature #12929

ternary should look ahead w/in a block (and not care about newlines)

11/13/2016 03:14 PM - ag4ve (shawn wilson)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Rejected</th>
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</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td>matz (Yukihiro Matsumoto)</td>
</tr>
<tr>
<td>Target version:</td>
<td></td>
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</table>

Description

foo = (bar ? 0 : 1) # works
foo = (bar ?
  0 : 1) # works
foo = (bar
  ? 0 :
  1) # doesn't work

History

#1 - 11/14/2016 04:39 AM - duerst (Martin Dürst)

In Ruby, all operators have to be written at the end of the line to make it possible to distinguish between complete statements (with a missing semicolon) and continuations.

The only exception is the '.' operator, which is allowed to be on the next line to make method chaining look better, as follows:

array.map ...
  .select ...
  .reject ...
  .group ...
  .sort ...

What do you think is special about the ternary operator?

#2 - 11/14/2016 09:30 AM - mutantkeyboard (Antonio Nesic)

- ruby -v set to 2.3.1
- File Screen Shot 2016-11-14 at 10.24.39.png added

Martin Dürst wrote:

In Ruby, all operators have to be written at the end of the line to make it possible to distinguish between complete statements (with a missing semicolon) and continuations.

The only exception is the '.' operator, which is allowed to be on the next line to make method chaining look better, as follows:

array.map ...
  .select ...
  .reject ...
  .group ...
  .sort ...

What do you think is special about the ternary operator?

I think that this is what he meant. If he uses IRB, then the syntax error comes up like:

```
SyntaxError: (irb):14: syntax error, unexpected '?', expecting '}'
from /Users/antonionesic/.rvm/rubies/ruby-2.3.1/bin/irb:11:in `<main>'
```

But I have to agree. This is a SyntaxError, and not a bug. Ticket should be closed.

#3 - 11/15/2016 06:16 AM - nobu (Nobuyoshi Nakada)

- Assignee set to matz (Yukihiro Matsumoto)
- Status changed from Open to Assigned

03/15/2022
It is not a bug, and easy to extend the parser to allow that syntax, but doesn't look nice to me.

#4 - 01/19/2017 08:14 AM - nobu (Nobuyoshi Nakada)
https://github.com/ruby/ruby/compare/trunk...nobu:feature/12929-ternary

#5 - 01/19/2017 08:17 AM - matz (Yukihiro Matsumoto)
I don't think it's worth modifying the syntax. If you want to write complex conditional code, use if-statement.

Matz.

#6 - 10/27/2021 04:47 PM - jeremyevans0 (Jeremy Evans)
- Status changed from Assigned to Rejected

Files

<table>
<thead>
<tr>
<th>File Name</th>
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<tr>
<td>Screen Shot 2016-11-14 at 10.24.39.png</td>
<td>207 KB</td>
<td>11/14/2016</td>
<td>mutantkeyboard (Antonio Nesic)</td>
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