

Ruby - Bug #4561

1.9.2 requires parentheses around argument of method call in an array, where 1.8.7 did not

04/07/2011 01:41 PM - dschweisguth (Dave Schweisguth)

Status:Closed Priority:Normal Assignee:ko1 (Koichi Sasada) Target version:1.9.3 ruby -v:-	Backport:
Description [dave hradik:~] cat method_call_without_parens_in_array.rb def method_name(arg) end [method_name 'value'] [dave hradik:~] ruby -v ruby 1.8.7 (2011-02-18 patchlevel 334) [i686-darwin10] [dave hradik:~] ruby method_call_without_parens_in_array.rb [dave hradik:~] rvm 1.9.2 [dave hradik:~] ruby -v ruby 1.9.2p180 (2011-02-18 revision 30909) [x86_64-darwin10.7.0] [dave hradik:~] ruby method_call_without_parens_in_array.rb method_call_without_parens_in_array.rb:4: syntax error, unexpected tSTRING_BEG, expecting keyword_do or '{' or '(' [method_name 'value'] ^ method_call_without_parens_in_array.rb:4: syntax error, unexpected ']', expecting \$end [dave hradik:~] rvm system [dave hradik:~] ruby -v ruby 1.8.7 (2011-02-18 patchlevel 334) [i686-darwin10] [dave hradik:~] cat method_call_with_parens_in_array.rb def method_name(arg) end [method_name('value')] [dave hradik:~] ruby -v ruby 1.8.7 (2011-02-18 patchlevel 334) [i686-darwin10] [dave hradik:~] ruby method_call_with_parens_in_array.rb [dave hradik:~] rvm 1.9.2 [dave hradik:~] ruby -v ruby 1.9.2p180 (2011-02-18 revision 30909) [x86_64-darwin10.7.0] [dave hradik:~] ruby method_call_with_parens_in_array.rb no error	

History

#1 - 04/07/2011 01:47 PM - dschweisguth (Dave Schweisguth)

=begin
Same thing with pre formatting:

```
[dave hradik:~] cat method_call_without_parens_in_array.rb
def method_name(arg)
end

[ method_name 'value' ]
[dave hradik:~] rvm system
[dave hradik:~] ruby -v
ruby 1.8.7 (2011-02-18 patchlevel 334) [i686-darwin10]
[dave hradik:~] ruby method_call_without_parens_in_array.rb
[dave hradik:~] rvm 1.9.2
[dave hradik:~] ruby -v
ruby 1.9.2p180 (2011-02-18 revision 30909) [x86_64-darwin10.7.0]
[dave hradik:~] ruby method_call_without_parens_in_array.rb
```

```
method_call_without_parens_in_array.rb:4: syntax error, unexpected tSTRING_BEG, expecting keyword_do or '{' or '('
[ method_name 'value' ]
^
method_call_without_parens_in_array.rb:4: syntax error, unexpected ']', expecting $end
[dave hladi~] cat method_call_with_parens_in_array.rb
def method_name(arg)
end

[ method_name('value') ]
[dave hladi~] rvm system
[dave hladi~] ruby -v
ruby 1.8.7 (2011-02-18 patchlevel 334) [i686-darwin10]
[dave hladi~] ruby method_call_with_parens_in_array.rb
[dave hladi~] rvm 1.9.2
[dave hladi~] ruby method_call_with_parens_in_array.rb
```

no error

```
=end
```

#2 - 04/07/2011 03:27 PM - naruse (Yui NARUSE)

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

```
=begin
```

```
=end
```

#3 - 04/08/2011 01:09 AM - Eregon (Benoit Daloze)

```
=begin
```

That has bitten me a few times too, but I accepted it as it is probably clearer in a long expression.

I'm curious to see why this changed.

```
=end
```

#4 - 06/11/2011 03:58 PM - ko1 (Koichi Sasada)

Matz, could you reply?

#5 - 06/11/2011 10:53 PM - matz (Yukihiro Matsumoto)

- ruby -v changed from ruby 1.9.2p180 (2011-02-18 revision 30909) [x86_64-darwin10.7.0] to -

Hi,

In message "Re: [\[ruby-core:36994\]](#) [Ruby 1.9 - Bug [#4561](#)] 1.9.2 requires parentheses around argument of method call in an array, where 1.8.7 did not"

on Sat, 11 Jun 2011 15:58:33 +0900, Koichi Sasada redmine@ruby-lang.org writes:

|Bug [#4561](#): 1.9.2 requires parentheses around argument of method call in an array, where 1.8.7 did not
|<http://redmine.ruby-lang.org/issues/4561>

|Matz, could you reply?

It's an intentional syntax change in 1.9.

```
matz.
```

#6 - 06/17/2011 09:48 AM - Anonymous

Yukihiro Matsumoto wrote:

It's an intentional syntax change in 1.9.

I have run into the same issue today and wasn't sure if it was a bug or intentional. Nice to find both this issue and your recent response.

Out of curiosity, what is the reasoning behind this change? It seems a bit unintuitive that `foo(bar 5)` and `{bar 5}` work, even `[bar { baz }]`, but `[bar 5]` not. All four are enclosed calls without parenthesis. Is there an ambiguity nearby that this syntax change is trying to clarify?

#7 - 06/26/2011 07:02 PM - nahi (Hiroshi Nakamura)

- Assignee changed from matz (Yukihiro Matsumoto) to ko1 (Koichi Sasada)
- Target version set to 1.9.3

#8 - 06/26/2011 07:49 PM - ko1 (Koichi Sasada)

- Status changed from Assigned to Closed

Files

method_call_without_parens_in_array.rb	50 Bytes	04/07/2011	dschweisguth (Dave Schweisguth)
method_call_with_parens_in_array.rb	51 Bytes	04/07/2011	dschweisguth (Dave Schweisguth)