Ruby master - Bug #13691
Word- and symbol array literals not valid where regular array is

06/28/2017 11:57 AM - ted (Ted Johansson)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Rejected</th>
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<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
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<tr>
<td>Assignee:</td>
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<td>Target version:</td>
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<tr>
<td>ruby -v:</td>
<td>ruby 2.4.1p111 (2017-03-22 revision 58053) [x86_64-darwin16]</td>
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<td>Backport:</td>
<td>2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: UNKNOWN</td>
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Description
Not sure if this is a limitation of the design space in the parser, or just a missed edge case. (Note that a regular array literal works fine.)

Steps to reproduce:
Run ruby -c on:

```
hoge %i(a b) { piyo }
```

Expected behaviour:
Syntax OK

Actual behaviour:
syntax error, unexpected '{', expecting end-of-input

Related issues:
Related to Ruby master - Bug #13547: [].delete 1 { 'NG' } Closed
Related to Ruby master - Bug #14023: SyntaxError on array argument and block Rejected
Is duplicate of Ruby master - Bug #505: 1.upto 2 {\ i|p| } Closed

History
#1 - 06/28/2017 06:00 PM - shevegen (Robert A. Heiler)
Hmm you are right. That's interesting. I may be wrong but this may possibly be a limitation of the parser, otherwise the ruby core team would have probably made it possible. (Though of course there can be other reasons too... lack of resources... or nobody noticed this yet).

```
def foo(*i); pp i; end #: => :foo
  foo [:a, :b] { piyo } #: => [:a, :b]
  foo %i(a b) { piyo } #: => SyntaxError: (irb):14: syntax error, unexpected '{', expecting end-of-input foo %
i(a b) { piyo }
[:a, :b] == %i(a b) #: => true
```
Interesting find though, anyway!

#2 - 07/26/2017 12:07 AM - nobu (Nobuyoshi Nakada)
- Is duplicate of Bug #505: 1.upto 2 {\ i|p| } added

#3 - 07/26/2017 12:08 AM - nobu (Nobuyoshi Nakada)
- Related to Bug #13547: [].delete 1 { 'NG' } added

#4 - 07/26/2017 12:09 AM - nobu (Nobuyoshi Nakada)
Because of the precedence, [] is bound to %() here, and %i() literal cannot be a method call.

#5 - 10/18/2017 09:06 AM - wanabe (_ wanabe)
- Related to Bug #14023: SyntaxError on array argument and block added

08/27/2022
#6 - 06/24/2019 06:40 PM - jeremyevans0 (Jeremy Evans)

- Status changed from Open to Rejected