

## Ruby trunk - Bug #14627

### class\_eval "def foo(N:)\n end" regression

03/23/2018 05:01 PM - ViugiNick (Nickolay Viuginov)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b>	
<b>ruby -v:</b> 2.5.0	<b>Backport:</b> 2.3: DONTNEED, 2.4: DONTNEED, 2.5: DONTNEED
<b>Description</b> Ruby crashes with a segfault in case of class_eval defining method with a keyword starts with a capital letter. It seems like it's a regression of one of the latest versions.	
<b>Related issues:</b> Is duplicate of Ruby trunk - Bug #14261: invalid syntax segfaults: "x, true" <span style="float: right;"><b>Closed</b></span>	

### History

#### #1 - 03/23/2018 05:24 PM - ViugiNick (Nickolay Viuginov)

- ruby -v set to 2.5.0

#### #2 - 03/24/2018 10:30 AM - nobu (Nobuyoshi Nakada)

I can't reproduce it.

```
$ ruby -v -e 'Class.new.class_eval "def foo(N:)\n end"'
ruby 2.5.0p0 (2017-12-25 revision 61468) [x86_64-linux-gnu]
Traceback (most recent call last):
  1: from -e:1:in `'
-e:1:in `class_eval': (eval):1: formal argument cannot be a constant (SyntaxError)
def foo(N:)
  ^~
(eval):1: dynamic constant assignment
def foo(N:)
  ^
```

Could you post simple code to reproduce and full message, in text format?

#### #3 - 03/24/2018 10:30 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Feedback

#### #4 - 03/28/2018 06:52 AM - mame (Yusuke Endoh)

I could repro:

```
$ ruby -e 'Class.new.class_eval "def f(a:, N:)\nend"'
-e:1: [BUG] Segmentation fault at 0x0000000000000028
ruby 2.5.0p0 (2017-12-25 revision 61468) [x86_64-linux]

*snip*
```

This [BUG] does not occur on trunk, so maybe it has been already fixed.

#### #5 - 03/28/2018 07:02 AM - mrkn (Kenta Murata)

I cannot reproduce it on the HEAD of ruby\_2\_5:

```
$ ruby -ve 'Class.new.class_eval "def foo(a:, N:)\nend"'
ruby 2.5.1p53 (2018-03-25 revision 62911) [x86_64-darwin16]
Traceback (most recent call last):
  1: from -e:1:in `'
-e:1:in `class_eval': (eval):1: formal argument cannot be a constant (SyntaxError)
def foo(a:, N:)
  ^~
(eval):1: dynamic constant assignment
def foo(a:, N:)
```

^

**#6 - 03/28/2018 07:06 AM - nobu (Nobuyoshi Nakada)**

- Is duplicate of Bug #14261: invalid syntax segfaults: "x, true" added

**#7 - 03/28/2018 07:07 AM - nobu (Nobuyoshi Nakada)**

- Status changed from Feedback to Closed

**#8 - 03/28/2018 07:56 AM - naruse (Yui NARUSE)**

- Backport changed from 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN to 2.3: DONTNEED, 2.4: DONTNEED, 2.5: DONTNEED

## Files

---

Screenshot from 2018-03-21 18-15-09.png	133 KB	03/23/2018	ViuginNick (Nickolay Viuginov)
---	--------	------------	--------------------------------