

## Ruby master - Bug #13841

### Segmentation fault in Ruby CFUNC :to\_s

08/28/2017 01:48 AM - douleyuyu (yubin liu)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b>	
<b>Target version:</b>	
<b>ruby -v:</b> ruby 2.3.4p301 (2017-03-30 revision 58214) [x86_64-linux-gnu]	<b>Backport:</b> 2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: UNKNOWN

#### Description

Hi, a segmentation fault was found in my environment.

```
E, [2017-08-25T16:21:37.798828 #632] ERROR -- : reaped #<Process::Status: pid 30125 SIGABRT (signal 6) (core dumped)> worker=2
I, [2017-08-25T16:21:37.826008 #30226] INFO -- : worker=2 ready
$PATH_TO_HOME/gitlab/vendor/bundle/ruby/2.3.0/gems/gon-6.1.0/lib/gon/base.rb:37: [BUG] Segmentation fault at 0x0000000000000000
ruby 2.3.4p301 (2017-03-30 revision 58214) [x86_64-linux-gnu]

-- Control frame information -----
c:0173 p:---- s:0948 e:000947 CFUNC :to_s
c:0172 p:0009 s:0946 e:000944 BLOCK $PATH_TO_HOME/gitlab/vendor/bundle/ruby/2.3.0/gems/gon-6.1.0/lib/gon/base.rb:37 [FINISH]
c:0171 p:---- s:0941 e:000940 CFUNC :each
c:0170 p:0029 s:0938 e:000937 METHOD $PATH_TO_HOME/gitlab/vendor/bundle/ruby/2.3.0/gems/gon-6.1.0/lib/gon/base.rb:36

#####
$PATH_TO_HOME/gitlab/vendor/bundle/ruby/2.3.0/gems/jwt-1.5.6/lib/jwt/verify.rb:99: [BUG] Segmentation fault at 0x0000000000000000
ruby 2.3.4p301 (2017-03-30 revision 58214) [x86_64-linux-gnu]

-- Control frame information -----
c:0119 p:---- s:0643 e:000642 CFUNC :to_s
```

The detail log was in attachment file.

#### History

##### #1 - 08/28/2017 01:50 AM - douleyuyu (yubin liu)

- Description updated

##### #2 - 08/28/2017 01:51 AM - douleyuyu (yubin liu)

- Description updated

##### #3 - 08/30/2017 07:17 AM - sonots (Naotoshi Seo)

Hi, we need a reproducible codes.

##### #4 - 10/05/2017 10:29 PM - thaynel2 (Thayne McCombs)

I get this somewhat inconsistently when running chef-solo on ubuntu 16.04.

Ruby version ruby 2.3.5p376 (2017-09-14 revision 59905) [x86\_64-linux-gnu]

It will happen for a while, but eventually it will stop happening. It seems to be non-deterministic.

The segfault happens on line 74 of /usr/lib/ruby/vendor\_ruby/ohai/mash.rb which is:

```
if key.is_a?(Symbol) && include?(key = key.to_s)
```

So, it has something to do with calling to\_s on a Symbol. Maybe it is a problem with interning symbols?

#5 - 07/26/2019 09:45 PM - jeremyevans0 (Jeremy Evans)

- Status changed from Open to Closed

## Files

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ruby-core.log	1.89 MB	08/28/2017	douleyuyu (yubin liu)
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