

Ruby - Bug #4492

Segfault on successive stack overflows

03/10/2011 10:39 PM - catwell (Pierre Chapuis)

Status:	Closed	
Priority:	Normal	
Assignee:	ko1 (Koichi Sasada)	
Target version:	2.6	
ruby -v:	ruby 1.9.2p136 (2010-12-25 revision 30365) [x86_64-darwin10.6.0]	Backport: 2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: UNKNOWN

Description

On a Mac, this snippet crashes Ruby:

```
def f(*x); end
begin
  f(*(0..120000))
rescue
  nil
end
f(*(0..120000))
```

Here is the result when run with ruby:

```
segfaulter.rb:7: [BUG] Segmentation fault
ruby 1.9.2p136 (2010-12-25 revision 30365) [x86_64-darwin10.6.0]

-- control frame -----
c:0003 p:0048 s:120009 b:0006 l:0014e8 d:000c08 EVAL   segfaulter.rb:7
c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH
c:0001 p:0000 s:0002 b:0002 l:0014e8 d:0014e8 TOP
-----
-- Ruby level backtrace information -----
segfaulter.rb:7:in `<main>'

-- C level backtrace information -----

[NOTE]
You may have encountered a bug in the Ruby interpreter or extension libraries.
Bug reports are welcome.
For details: http://www.ruby-lang.org/bugreport.html

Abort trap
```

Here is the result in irb:

```
ruby-1.9.2-p136 :001 > def f(*x); end
=> nil
ruby-1.9.2-p136 :002 > begin
ruby-1.9.2-p136 :003 >     f(*(0..120000))
ruby-1.9.2-p136 :004?>   rescue
ruby-1.9.2-p136 :005?>     nil
ruby-1.9.2-p136 :006?>   end
=> nil
ruby-1.9.2-p136 :007 > f(*(0..120000))
(irb):7: [BUG] Bus Error
ruby 1.9.2p136 (2010-12-25 revision 30365) [x86_64-darwin10.6.0]

-- control frame -----
c:0023 p:0013 s:120084 b:0082 l:001af8 d:000081 EVAL   (irb):7
c:0022 p:---- s:0080 b:0080 l:000079 d:000079 FINISH
c:0021 p:---- s:0078 b:0078 l:000077 d:000077 CFUNC   :eval
c:0020 p:0028 s:0071 b:0071 l:000070 d:000070 METHOD   /Users/pierre/.rvm/rubies/ruby-1.9.2-p136/li
```

```

b/ruby/1.9.1/irb/workspace.rb:80
c:0019 p:0033 s:0064 b:0063 l:000062 d:000062 METHOD /Users/pierre/.rvm/rubies/ruby-1.9.2-p136/li
b/ruby/1.9.1/irb/context.rb:254
c:0018 p:0031 s:0058 b:0058 l:0007a8 d:000057 BLOCK /Users/pierre/.rvm/rubies/ruby-1.9.2-p136/li
b/ruby/1.9.1/irb.rb:159
c:0017 p:0042 s:0050 b:0050 l:000049 d:000049 METHOD /Users/pierre/.rvm/rubies/ruby-1.9.2-p136/li
b/ruby/1.9.1/irb.rb:273
c:0016 p:0011 s:0045 b:0045 l:0007a8 d:000044 BLOCK /Users/pierre/.rvm/rubies/ruby-1.9.2-p136/li
b/ruby/1.9.1/irb.rb:156
c:0015 p:0144 s:0041 b:0041 l:000024 d:000040 BLOCK /Users/pierre/.rvm/rubies/ruby-1.9.2-p136/li
b/ruby/1.9.1/irb/ruby-lex.rb:243
c:0014 p:---- s:0038 b:0038 l:000037 d:000037 FINISH
c:0013 p:---- s:0036 b:0036 l:000035 d:000035 CFUNC :loop
c:0012 p:0009 s:0033 b:0033 l:000024 d:000032 BLOCK /Users/pierre/.rvm/rubies/ruby-1.9.2-p136/li
b/ruby/1.9.1/irb/ruby-lex.rb:229
c:0011 p:---- s:0031 b:0031 l:000030 d:000030 FINISH
c:0010 p:---- s:0029 b:0029 l:000028 d:000028 CFUNC :catch
c:0009 p:0023 s:0025 b:0025 l:000024 d:000024 METHOD /Users/pierre/.rvm/rubies/ruby-1.9.2-p136/li
b/ruby/1.9.1/irb/ruby-lex.rb:228
c:0008 p:0046 s:0022 b:0022 l:0007a8 d:0007a8 METHOD /Users/pierre/.rvm/rubies/ruby-1.9.2-p136/li
b/ruby/1.9.1/irb.rb:155
c:0007 p:0011 s:0019 b:0019 l:000bd8 d:000018 BLOCK /Users/pierre/.rvm/rubies/ruby-1.9.2-p136/li
b/ruby/1.9.1/irb.rb:70
c:0006 p:---- s:0017 b:0017 l:000016 d:000016 FINISH
c:0005 p:---- s:0015 b:0015 l:000014 d:000014 CFUNC :catch
c:0004 p:0183 s:0011 b:0011 l:000bd8 d:000bd8 METHOD /Users/pierre/.rvm/rubies/ruby-1.9.2-p136/li
b/ruby/1.9.1/irb.rb:69
c:0003 p:0142 s:0006 b:0006 l:0014e8 d:001078 EVAL /Users/pierre/.rvm/rubies/ruby-1.9.2-p136/bi
n/irb:16
c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH
c:0001 p:0000 s:0002 b:0002 l:0014e8 d:0014e8 TOP
-----
-- Ruby level backtrace information -----
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/bin/irb:16:in `<main>'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:69:in `start'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:69:in `catch'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:70:in `block in start'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:155:in `eval_input'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/ruby-lex.rb:228:in `each_top_level_s
tatement'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/ruby-lex.rb:228:in `catch'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/ruby-lex.rb:229:in `block in each_to
p_level_statement'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/ruby-lex.rb:229:in `loop'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/ruby-lex.rb:243:in `block (2 levels)
in each_top_level_statement'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:156:in `block in eval_input'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:273:in `signal_status'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:159:in `block (2 levels) in eval_
input'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/context.rb:254:in `evaluate'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/workspace.rb:80:in `evaluate'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/workspace.rb:80:in `eval'
(irb):7:in `irb_binding'

-- C level backtrace information -----
0 libruby.1.9.1.dylib 0x0000000100180792 rb_vm_bugreport + 210
1 libruby.1.9.1.dylib 0x000000010003a614 report_bug + 372
2 libruby.1.9.1.dylib 0x000000010003a7d8 rb_bug + 200
3 libruby.1.9.1.dylib 0x00000001000fff42 sigbus + 18
4 libSystem.B.dylib 0x00007fff84c7767a _sigtramp + 26
5 ??? 0x00007fff5fbf7990 0x0 + 140734799772048
6 libruby.1.9.1.dylib 0x00000001001619b4 rb_thread_mark + 100
7 libruby.1.9.1.dylib 0x0000000100054924 gc_mark_children + 4036
8 libruby.1.9.1.dylib 0x0000000100054d77 gc_mark_children + 5143
9 libruby.1.9.1.dylib 0x0000000100055d81 mark_keyvalue + 465
10 libruby.1.9.1.dylib 0x0000000100108a50 st_foreach + 192

```

11	libruby.1.9.1.dylib	0x00000000100054831	gc_mark_children + 3793
12	libruby.1.9.1.dylib	0x000000001000555a9	mark_entry + 217
13	libruby.1.9.1.dylib	0x00000000100108a50	st_foreach + 192
14	libruby.1.9.1.dylib	0x00000000100054b5c	gc_mark_children + 4604
15	libruby.1.9.1.dylib	0x0000000010005430e	gc_mark_children + 2478
16	libruby.1.9.1.dylib	0x0000000010015cf65	iseq_mark + 293
17	libruby.1.9.1.dylib	0x00000000100054924	gc_mark_children + 4036
18	libruby.1.9.1.dylib	0x00000000100058188	mark_method_entry_i + 424
19	libruby.1.9.1.dylib	0x00000000100108a50	st_foreach + 192
20	libruby.1.9.1.dylib	0x00000000100054b34	gc_mark_children + 4564
21	libruby.1.9.1.dylib	0x0000000010005430e	gc_mark_children + 2478
22	libruby.1.9.1.dylib	0x0000000010015cf65	iseq_mark + 293
23	libruby.1.9.1.dylib	0x00000000100054924	gc_mark_children + 4036
24	libruby.1.9.1.dylib	0x00000000100054c95	gc_mark_children + 4917
25	libruby.1.9.1.dylib	0x0000000010015cfa5	iseq_mark + 357
26	libruby.1.9.1.dylib	0x00000000100054924	gc_mark_children + 4036
27	libruby.1.9.1.dylib	0x00000000100054c95	gc_mark_children + 4917
28	libruby.1.9.1.dylib	0x0000000010015cfa5	iseq_mark + 357
29	libruby.1.9.1.dylib	0x00000000100054924	gc_mark_children + 4036
30	libruby.1.9.1.dylib	0x00000000100058188	mark_method_entry_i + 424
31	libruby.1.9.1.dylib	0x00000000100108a50	st_foreach + 192
32	libruby.1.9.1.dylib	0x00000000100054b34	gc_mark_children + 4564
33	libruby.1.9.1.dylib	0x00000000100053ddf	gc_mark_children + 1151
34	libruby.1.9.1.dylib	0x000000001000555a9	mark_entry + 217
35	libruby.1.9.1.dylib	0x00000000100108a50	st_foreach + 192
36	libruby.1.9.1.dylib	0x00000000100054b5c	gc_mark_children + 4604
37	libruby.1.9.1.dylib	0x0000000010005430e	gc_mark_children + 2478
38	libruby.1.9.1.dylib	0x0000000010015cf65	iseq_mark + 293
39	libruby.1.9.1.dylib	0x00000000100054924	gc_mark_children + 4036
40	libruby.1.9.1.dylib	0x00000000100058188	mark_method_entry_i + 424
41	libruby.1.9.1.dylib	0x00000000100108a50	st_foreach + 192
42	libruby.1.9.1.dylib	0x00000000100054b34	gc_mark_children + 4564
43	libruby.1.9.1.dylib	0x000000001000555a9	mark_entry + 217
44	libruby.1.9.1.dylib	0x00000000100108a50	st_foreach + 192
45	libruby.1.9.1.dylib	0x00000000100054b5c	gc_mark_children + 4604
46	libruby.1.9.1.dylib	0x000000001000555a9	mark_entry + 217
47	libruby.1.9.1.dylib	0x000000001001089df	st_foreach + 79
48	libruby.1.9.1.dylib	0x00000000100054b5c	gc_mark_children + 4604
49	libruby.1.9.1.dylib	0x00000000100053ddf	gc_mark_children + 1151
50	libruby.1.9.1.dylib	0x00000000100053ddf	gc_mark_children + 1151
51	libruby.1.9.1.dylib	0x0000000010015cf95	iseq_mark + 341
52	libruby.1.9.1.dylib	0x00000000100054924	gc_mark_children + 4036
53	libruby.1.9.1.dylib	0x00000000100058188	mark_method_entry_i + 424
54	libruby.1.9.1.dylib	0x00000000100108a50	st_foreach + 192
55	libruby.1.9.1.dylib	0x00000000100054b34	gc_mark_children + 4564
56	libruby.1.9.1.dylib	0x000000001000555a9	mark_entry + 217
57	libruby.1.9.1.dylib	0x000000001001089df	st_foreach + 79
58	libruby.1.9.1.dylib	0x00000000100054b5c	gc_mark_children + 4604
59	libruby.1.9.1.dylib	0x000000001000555a9	mark_entry + 217
60	libruby.1.9.1.dylib	0x000000001001089df	st_foreach + 79
61	libruby.1.9.1.dylib	0x00000000100054b5c	gc_mark_children + 4604
62	libruby.1.9.1.dylib	0x00000000100053ddf	gc_mark_children + 1151
63	libruby.1.9.1.dylib	0x00000000100053ddf	gc_mark_children + 1151
64	libruby.1.9.1.dylib	0x00000000100053ddf	gc_mark_children + 1151
65	libruby.1.9.1.dylib	0x00000000100053ddf	gc_mark_children + 1151
66	libruby.1.9.1.dylib	0x00000000100058188	mark_method_entry_i + 424
67	libruby.1.9.1.dylib	0x000000001001089df	st_foreach + 79
68	libruby.1.9.1.dylib	0x00000000100054b34	gc_mark_children + 4564
69	libruby.1.9.1.dylib	0x000000001000555a9	mark_entry + 217
70	libruby.1.9.1.dylib	0x000000001001089df	st_foreach + 79
71	libruby.1.9.1.dylib	0x00000000100054b5c	gc_mark_children + 4604
72	libruby.1.9.1.dylib	0x000000001000555a9	mark_entry + 217
73	libruby.1.9.1.dylib	0x000000001001089df	st_foreach + 79
74	libruby.1.9.1.dylib	0x00000000100054b5c	gc_mark_children + 4604
75	libruby.1.9.1.dylib	0x00000000100053ddf	gc_mark_children + 1151
76	libruby.1.9.1.dylib	0x00000000100053ddf	gc_mark_children + 1151
77	libruby.1.9.1.dylib	0x00000000100053ddf	gc_mark_children + 1151

```

78  libruby.1.9.1.dylib      0x00000000100053ddf gc_mark_children + 1151
79  libruby.1.9.1.dylib      0x00000000100053ddf gc_mark_children + 1151
80  libruby.1.9.1.dylib      0x000000001000572bc garbage_collect + 4396
81  libruby.1.9.1.dylib      0x00000000100057906 vm_xmalloc + 150
82  libruby.1.9.1.dylib      0x0000000010000bd4d ary_new + 221
83  libruby.1.9.1.dylib      0x0000000010000c989 rb_ary_new4 + 41
84  libruby.1.9.1.dylib      0x00000000100178551 vm_callee_setup_arg_complex + 225
85  libruby.1.9.1.dylib      0x0000000010017c469 vm_call_method + 2921
86  libruby.1.9.1.dylib      0x00000000100167e54 vm_exec_core + 8260
87  libruby.1.9.1.dylib      0x0000000010016faf3 vm_exec + 1507
88  libruby.1.9.1.dylib      0x00000000100170340 eval_string_with_cref + 880
89  libruby.1.9.1.dylib      0x00000000100170a62 rb_f_eval + 242
90  libruby.1.9.1.dylib      0x0000000010017bca3 vm_call_method + 931
91  libruby.1.9.1.dylib      0x00000000100167e54 vm_exec_core + 8260
92  libruby.1.9.1.dylib      0x0000000010016faf3 vm_exec + 1507
93  libruby.1.9.1.dylib      0x0000000010017e031 loop_i + 561
94  libruby.1.9.1.dylib      0x0000000010003f787 rb_rescue2 + 519
95  libruby.1.9.1.dylib      0x00000000100162d56 rb_f_loop + 54
96  libruby.1.9.1.dylib      0x0000000010017bca3 vm_call_method + 931
97  libruby.1.9.1.dylib      0x00000000100167e54 vm_exec_core + 8260
98  libruby.1.9.1.dylib      0x0000000010016faf3 vm_exec + 1507
99  libruby.1.9.1.dylib      0x0000000010017dcb4 catch_i + 596
100 libruby.1.9.1.dylib      0x00000000100161f45 rb_catch_obj + 325
101 libruby.1.9.1.dylib      0x00000000100162c10 rb_f_catch + 48
102 libruby.1.9.1.dylib      0x0000000010017bca3 vm_call_method + 931
103 libruby.1.9.1.dylib      0x00000000100167e54 vm_exec_core + 8260
104 libruby.1.9.1.dylib      0x0000000010016faf3 vm_exec + 1507
105 libruby.1.9.1.dylib      0x0000000010017dcb4 catch_i + 596
106 libruby.1.9.1.dylib      0x00000000100161f45 rb_catch_obj + 325
107 libruby.1.9.1.dylib      0x00000000100162c10 rb_f_catch + 48
108 libruby.1.9.1.dylib      0x0000000010017bca3 vm_call_method + 931
109 libruby.1.9.1.dylib      0x00000000100167e54 vm_exec_core + 8260
110 libruby.1.9.1.dylib      0x0000000010016faf3 vm_exec + 1507
111 libruby.1.9.1.dylib      0x0000000010016fdfb rb_iseq_eval_main + 507
112 libruby.1.9.1.dylib      0x0000000010003f9f2 ruby_exec_internal + 178
113 libruby.1.9.1.dylib      0x0000000010004237c ruby_run_node + 60
114 ruby                      0x00000000100000ecf main + 79
115 ruby                      0x00000000100000e74 start + 52
116 ???                      0x0000000000000002 0x0 + 2

```

[NOTE]

You may have encountered a bug in the Ruby interpreter or extension libraries.
 Bug reports are welcome.
 For details: <http://www.ruby-lang.org/bugreport.html>

Abort trap

I cannot reproduce this on a EC2 instance running Linux, where 'ruby -v' gives:

ruby 1.9.2p136 (2010-12-25 revision 30365) [x86_64-linux]

History

#1 - 03/10/2011 10:44 PM - catwell (Pierre Chapuis)

=begin

Oops, apparently Redmine didn't like my markup. Same report with an alternative syntax follows...

On a Mac, this snippet crashes Ruby:

```

def f(x); end
begin
  f((0..120000))
rescue
  nil
end
f*(0..120000))

```

Here is the result when run with ruby:

-- control frame -----

c:0003 p:0048 s:120009 b:0006 l:0014e8 d:000c08 EVAL segfault.rb:7

c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH

c:0001 p:0000 s:0002 b:0002 l:0014e8 d:0014e8 TOP

-- Ruby level backtrace information -----
segfault.rb:7:in ``

-- C level backtrace information -----

[NOTE]

You may have encountered a bug in the Ruby interpreter or extension libraries.

Bug reports are welcome.

For details: <http://www.ruby-lang.org/bugreport.html>

Abort trap

Here is the result in irb:

```
ruby-1.9.2-p136 :001 > def f(x); end  
=> nil  
ruby-1.9.2-p136 :002 > begin  
ruby-1.9.2-p136 :003 >   f((0..120000))  
ruby-1.9.2-p136 :004?> rescue  
ruby-1.9.2-p136 :005?>   nil  
ruby-1.9.2-p136 :006?> end  
=> nil  
ruby-1.9.2-p136 :007 > f*(0..120000))  
(irb):7: [BUG] Bus Error  
ruby 1.9.2p136 (2010-12-25 revision 30365) [x86_64-darwin10.6.0]
```

-- control frame -----

c:0023 p:0013 s:120084 b:0082 l:001af8 d:000081 EVAL (irb):7

c:0022 p:---- s:0080 b:0080 l:000079 d:000079 FINISH

c:0021 p:---- s:0078 b:0078 l:000077 d:000077 CFUNC :eval

c:0020 p:0028 s:0071 b:0071 l:000070 d:000070 METHOD

/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/workspace.rb:80

c:0019 p:0033 s:0064 b:0063 l:000062 d:000062 METHOD

/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/context.rb:254

c:0018 p:0031 s:0058 b:0058 l:0007a8 d:000057 BLOCK

/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:159

c:0017 p:0042 s:0050 b:0050 l:000049 d:000049 METHOD

/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:273

c:0016 p:0011 s:0045 b:0045 l:0007a8 d:000044 BLOCK

/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:156

c:0015 p:0144 s:0041 b:0041 l:000024 d:000040 BLOCK

/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/ruby-lex.rb:243

c:0014 p:---- s:0038 b:0038 l:000037 d:000037 FINISH

c:0013 p:---- s:0036 b:0036 l:000035 d:000035 CFUNC :loop

c:0012 p:0009 s:0033 b:0033 l:000024 d:000032 BLOCK

/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/ruby-lex.rb:229

c:0011 p:---- s:0031 b:0031 l:000030 d:000030 FINISH

c:0010 p:---- s:0029 b:0029 l:000028 d:000028 CFUNC :catch

c:0009 p:0023 s:0025 b:0025 l:000024 d:000024 METHOD

/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/ruby-lex.rb:228

c:0008 p:0046 s:0022 b:0022 l:0007a8 d:0007a8 METHOD

/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:155

c:0007 p:0011 s:0019 b:0019 l:000bd8 d:000018 BLOCK
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:70
c:0006 p:---- s:0017 b:0017 l:000016 d:000016 FINISH
c:0005 p:---- s:0015 b:0015 l:000014 d:000014 CFUNC :catch
c:0004 p:0183 s:0011 b:0011 l:000bd8 d:000bd8 METHOD
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:69
c:0003 p:0142 s:0006 b:0006 l:0014e8 d:001078 EVAL
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/bin/irb:16
c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH
c:0001 p:0000 s:0002 b:0002 l:0014e8 d:0014e8 TOP

-- Ruby level backtrace information -----

/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/bin/irb:16:in <main>' /Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:69:in start'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:69:in catch' /Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:70:in block in start'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:155:in eval_input'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/ruby-lex.rb:228:in each_top_level_statement'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/ruby-lex.rb:228:in catch'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/ruby-lex.rb:229:in block in each_top_level_statement'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/ruby-lex.rb:229:in loop'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/ruby-lex.rb:243:in block (2 levels) in each_top_level_statement'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:156:in block in eval_input'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:273:in signal_status'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb.rb:159:in block (2 levels) in eval_input'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/context.rb:254:in evaluate'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/workspace.rb:80:in evaluate'
/Users/pierre/.rvm/rubies/ruby-1.9.2-p136/lib/ruby/1.9.1/irb/workspace.rb:80:in eval'
(irb):7:in `irb_binding'

-- C level backtrace information -----

0	libruby.1.9.1.dylib	0x0000000100180792 rb_vm_bugreport + 210
1	libruby.1.9.1.dylib	0x000000010003a614 report_bug + 372
2	libruby.1.9.1.dylib	0x000000010003a7d8 rb_bug + 200
3	libruby.1.9.1.dylib	0x00000001000fff42 sigbus + 18
4	libSystem.B.dylib	0x00007fff84c7767a _sigtramp + 26
5	???	0x00007fff5fbf7990 0x0 + 140734799772048
6	libruby.1.9.1.dylib	0x00000001001619b4 rb_thread_mark + 100
7	libruby.1.9.1.dylib	0x0000000100054924 gc_mark_children + 4036
8	libruby.1.9.1.dylib	0x0000000100054d77 gc_mark_children + 5143
9	libruby.1.9.1.dylib	0x0000000100055d81 mark_keyvalue + 465
10	libruby.1.9.1.dylib	0x0000000100108a50 st_foreach + 192
11	libruby.1.9.1.dylib	0x0000000100054831 gc_mark_children + 3793
12	libruby.1.9.1.dylib	0x00000001000555a9 mark_entry + 217
13	libruby.1.9.1.dylib	0x0000000100108a50 st_foreach + 192
14	libruby.1.9.1.dylib	0x0000000100054b5c gc_mark_children + 4604
15	libruby.1.9.1.dylib	0x000000010005430e gc_mark_children + 2478
16	libruby.1.9.1.dylib	0x000000010015cf65 iseq_mark + 293
17	libruby.1.9.1.dylib	0x0000000100054924 gc_mark_children + 4036
18	libruby.1.9.1.dylib	0x0000000100058188 mark_method_entry_i + 424
19	libruby.1.9.1.dylib	0x0000000100108a50 st_foreach + 192
20	libruby.1.9.1.dylib	0x0000000100054b34 gc_mark_children + 4564
21	libruby.1.9.1.dylib	0x000000010005430e gc_mark_children + 2478
22	libruby.1.9.1.dylib	0x000000010015cf65 iseq_mark + 293
23	libruby.1.9.1.dylib	0x0000000100054924 gc_mark_children + 4036
24	libruby.1.9.1.dylib	0x0000000100054c95 gc_mark_children + 4917
25	libruby.1.9.1.dylib	0x000000010015cfa5 iseq_mark + 357
26	libruby.1.9.1.dylib	0x0000000100054924 gc_mark_children + 4036
27	libruby.1.9.1.dylib	0x0000000100054c95 gc_mark_children + 4917
28	libruby.1.9.1.dylib	0x000000010015cfa5 iseq_mark + 357
29	libruby.1.9.1.dylib	0x0000000100054924 gc_mark_children + 4036
30	libruby.1.9.1.dylib	0x0000000100058188 mark_method_entry_i + 424
31	libruby.1.9.1.dylib	0x0000000100108a50 st_foreach + 192
32	libruby.1.9.1.dylib	0x0000000100054b34 gc_mark_children + 4564
33	libruby.1.9.1.dylib	0x0000000100053ddf gc_mark_children + 1151
34	libruby.1.9.1.dylib	0x00000001000555a9 mark_entry + 217
35	libruby.1.9.1.dylib	0x0000000100108a50 st_foreach + 192
36	libruby.1.9.1.dylib	0x0000000100054b5c gc_mark_children + 4604
37	libruby.1.9.1.dylib	0x000000010005430e gc_mark_children + 2478
38	libruby.1.9.1.dylib	0x000000010015cf65 iseq_mark + 293
39	libruby.1.9.1.dylib	0x0000000100054924 gc_mark_children + 4036

40	libruby.1.9.1.dylib	0x00000000100058188 mark_method_entry_i + 424
41	libruby.1.9.1.dylib	0x00000000100108a50 st_foreach + 192
42	libruby.1.9.1.dylib	0x00000000100054b34 gc_mark_children + 4564
43	libruby.1.9.1.dylib	0x000000001000555a9 mark_entry + 217
44	libruby.1.9.1.dylib	0x00000000100108a50 st_foreach + 192
45	libruby.1.9.1.dylib	0x00000000100054b5c gc_mark_children + 4604
46	libruby.1.9.1.dylib	0x000000001000555a9 mark_entry + 217
47	libruby.1.9.1.dylib	0x000000001001089df st_foreach + 79
48	libruby.1.9.1.dylib	0x00000000100054b5c gc_mark_children + 4604
49	libruby.1.9.1.dylib	0x00000000100053ddf gc_mark_children + 1151
50	libruby.1.9.1.dylib	0x00000000100053ddf gc_mark_children + 1151
51	libruby.1.9.1.dylib	0x0000000010015cf95 iseq_mark + 341
52	libruby.1.9.1.dylib	0x00000000100054924 gc_mark_children + 4036
53	libruby.1.9.1.dylib	0x00000000100058188 mark_method_entry_i + 424
54	libruby.1.9.1.dylib	0x00000000100108a50 st_foreach + 192
55	libruby.1.9.1.dylib	0x00000000100054b34 gc_mark_children + 4564
56	libruby.1.9.1.dylib	0x000000001000555a9 mark_entry + 217
57	libruby.1.9.1.dylib	0x000000001001089df st_foreach + 79
58	libruby.1.9.1.dylib	0x00000000100054b5c gc_mark_children + 4604
59	libruby.1.9.1.dylib	0x000000001000555a9 mark_entry + 217
60	libruby.1.9.1.dylib	0x000000001001089df st_foreach + 79
61	libruby.1.9.1.dylib	0x00000000100054b5c gc_mark_children + 4604
62	libruby.1.9.1.dylib	0x00000000100053ddf gc_mark_children + 1151
63	libruby.1.9.1.dylib	0x00000000100053ddf gc_mark_children + 1151
64	libruby.1.9.1.dylib	0x00000000100053ddf gc_mark_children + 1151
65	libruby.1.9.1.dylib	0x00000000100053ddf gc_mark_children + 1151
66	libruby.1.9.1.dylib	0x00000000100058188 mark_method_entry_i + 424
67	libruby.1.9.1.dylib	0x000000001001089df st_foreach + 79
68	libruby.1.9.1.dylib	0x00000000100054b34 gc_mark_children + 4564
69	libruby.1.9.1.dylib	0x000000001000555a9 mark_entry + 217
70	libruby.1.9.1.dylib	0x000000001001089df st_foreach + 79
71	libruby.1.9.1.dylib	0x00000000100054b5c gc_mark_children + 4604
72	libruby.1.9.1.dylib	0x000000001000555a9 mark_entry + 217
73	libruby.1.9.1.dylib	0x000000001001089df st_foreach + 79
74	libruby.1.9.1.dylib	0x00000000100054b5c gc_mark_children + 4604
75	libruby.1.9.1.dylib	0x00000000100053ddf gc_mark_children + 1151
76	libruby.1.9.1.dylib	0x00000000100053ddf gc_mark_children + 1151
77	libruby.1.9.1.dylib	0x00000000100053ddf gc_mark_children + 1151
78	libruby.1.9.1.dylib	0x00000000100053ddf gc_mark_children + 1151
79	libruby.1.9.1.dylib	0x00000000100053ddf gc_mark_children + 1151
80	libruby.1.9.1.dylib	0x000000001000572bc garbage_collect + 4396
81	libruby.1.9.1.dylib	0x00000000100057906 vm_xmalloc + 150
82	libruby.1.9.1.dylib	0x0000000010000bd4d ary_new + 221
83	libruby.1.9.1.dylib	0x0000000010000c989 rb_ary_new4 + 41
84	libruby.1.9.1.dylib	0x00000000100178551 vm_callee_setup_arg_complex + 225
85	libruby.1.9.1.dylib	0x0000000010017c469 vm_call_method + 2921
86	libruby.1.9.1.dylib	0x00000000100167e54 vm_exec_core + 8260
87	libruby.1.9.1.dylib	0x0000000010016faf3 vm_exec + 1507
88	libruby.1.9.1.dylib	0x00000000100170340 eval_string_with_cref + 880
89	libruby.1.9.1.dylib	0x00000000100170a62 rb_f_eval + 242
90	libruby.1.9.1.dylib	0x0000000010017bca3 vm_call_method + 931
91	libruby.1.9.1.dylib	0x00000000100167e54 vm_exec_core + 8260
92	libruby.1.9.1.dylib	0x0000000010016faf3 vm_exec + 1507
93	libruby.1.9.1.dylib	0x0000000010017e031 loop_i + 561
94	libruby.1.9.1.dylib	0x0000000010003f787 rb_rescue2 + 519
95	libruby.1.9.1.dylib	0x00000000100162d56 rb_f_loop + 54
96	libruby.1.9.1.dylib	0x0000000010017bca3 vm_call_method + 931
97	libruby.1.9.1.dylib	0x00000000100167e54 vm_exec_core + 8260
98	libruby.1.9.1.dylib	0x0000000010016faf3 vm_exec + 1507
99	libruby.1.9.1.dylib	0x0000000010017dcb4 catch_i + 596
100	libruby.1.9.1.dylib	0x00000000100161f45 rb_catch_obj + 325
101	libruby.1.9.1.dylib	0x00000000100162c10 rb_f_catch + 48
102	libruby.1.9.1.dylib	0x0000000010017bca3 vm_call_method + 931
103	libruby.1.9.1.dylib	0x00000000100167e54 vm_exec_core + 8260
104	libruby.1.9.1.dylib	0x0000000010016faf3 vm_exec + 1507
105	libruby.1.9.1.dylib	0x0000000010017dcb4 catch_i + 596
106	libruby.1.9.1.dylib	0x00000000100161f45 rb_catch_obj + 325
107	libruby.1.9.1.dylib	0x00000000100162c10 rb_f_catch + 48
108	libruby.1.9.1.dylib	0x0000000010017bca3 vm_call_method + 931
109	libruby.1.9.1.dylib	0x00000000100167e54 vm_exec_core + 8260
110	libruby.1.9.1.dylib	0x0000000010016faf3 vm_exec + 1507
111	libruby.1.9.1.dylib	0x0000000010016fdbb rb_iseq_eval_main + 507
112	libruby.1.9.1.dylib	0x0000000010003f9f2 ruby_exec_internal + 178
113	libruby.1.9.1.dylib	0x0000000010004237c ruby_run_node + 60
114	ruby	0x00000000100000ecf main + 79

```
115 ruby          0x0000000100000e74 start + 52
116 ???           0x0000000000000002 0x0 + 2
```

[NOTE]

You may have encountered a bug in the Ruby interpreter or extension libraries.
Bug reports are welcome.

For details: <http://www.ruby-lang.org/bugreport.html>

Abort trap

I cannot reproduce this on a EC2 instance running Linux, where 'ruby -v' gives:

```
ruby 1.9.2p136 (2010-12-25 revision 30365) [x86_64-linux]
=end
```

#2 - 06/26/2011 06:33 PM - naruse (Yui NARUSE)

- Status changed from Open to Assigned
- Assignee set to ko1 (Koichi Sasada)
- Target version set to 2.0.0

#3 - 11/26/2012 09:16 AM - ko1 (Koichi Sasada)

- Status changed from Assigned to Feedback
- Target version changed from 2.0.0 to 2.6

#4 - 12/13/2012 10:10 PM - nobu (Nobuyoshi Nakada)

- Description updated

#5 - 01/31/2017 09:03 AM - ko1 (Koichi Sasada)

- Status changed from Feedback to Closed
- Description updated

It was fixed.