

Ruby - Bug #20561

Segfault with attr_writer, safe navigation and an "in" loop

06/06/2024 05:11 PM - herwin (Herwin W)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	ruby 3.3.2 (2024-05-30 revision e5a195edf6) [x86_64-linux]	Backport: 3.1: UNKNOWN, 3.2: UNKNOWN, 3.3: UNKNOWN

Description

```
class Foo
  attr_accessor :bar
end

foo = Foo.new
for foo&.bar in [1,2,3]
  p foo
end
```

This code works fine when using foo.bar in the loop, without the safe navigator, but the safe navigator results in a segfault. Seen with versions 3.1.6, 3.2.4, 3.3.2 and 3.4.0-preview1.

Full output for version 3.3.2:

```
in.rb: [BUG] Segmentation fault at 0x0000000000000000
ruby 3.3.2 (2024-05-30 revision e5a195edf6) [x86_64-linux]

-- Control frame information -----
c:0001 p:0000 s:0003 E:000320 DUMMY [FINISH]

-- Threading information -----
Total ractor count: 1
Ruby thread count for this ractor: 1

-- Machine register context -----
RIP: 0x00007fa789099da6 RBP: 0x00007fa78868edb8 RSP: 0x00007fffeb7f6fa0
RAX: 0x0000000000000000 RBX: 0x000055b008211220 RCX: 0x000055b0081b9810
RDX: 0x0000000000000000 RDI: 0x000055b0081b9840 RSI: 0x0000000000000023
R8: 0x0000000000000000 R9: 0x000055b0081b9840 R10: 0x0000000000000001
R11: 0x00007fa78868edb8 R12: 0x00007fa78946429c R13: 0x0000000000000000
R14: 0x0000000000000042 R15: 0x0000000000000042 EFL: 0x0000000000010246

-- C level backtrace information -----
lib/libruby.so.3.3(rb_print_backtrace+0x14) [0x7fa78931ca5b] /tmp/ruby-build.20240530181640.5619.rzPMtg/ruby-3.3.2/vm_dump.c:820
lib/libruby.so.3.3(rb_vm_bugreport) /tmp/ruby-build.20240530181640.5619.rzPMtg/ruby-3.3.2/vm_dump.c:1151
lib/libruby.so.3.3(rb_bug_for_fatal_signal+0x100) [0x7fa789112ec0] /tmp/ruby-build.20240530181640.5619.rzPMtg/ruby-3.3.2/error.c:1065
lib/libruby.so.3.3(sigsegv+0x4d) [0x7fa789265ded] /tmp/ruby-build.20240530181640.5619.rzPMtg/ruby-3.3.2/signal.c:926
/lib/x86_64-linux-gnu/libc.so.6(0x7fa788d76580) [0x7fa788d76580]
lib/libruby.so.3.3(iseq_peephole_optimize+0x3d6) [0x7fa789099da6] /tmp/ruby-build.20240530181640.5619.rzPMtg/ruby-3.3.2/compile.c:2874
lib/libruby.so.3.3(iseq_optimize+0x128) [0x7fa78909b618] /tmp/ruby-build.20240530181640.5619.rzPMtg/ruby-3.3.2/compile.c:4145
lib/libruby.so.3.3(iseq_setup_insn) /tmp/ruby-build.20240530181640.5619.rzPMtg/ruby-3.3.2/compile.c:1615
lib/libruby.so.3.3(iseq_setup_insn) /tmp/ruby-build.20240530181640.5619.rzPMtg/ruby-3.3.2/compile.c:1604
```

```

lib/libruby.so.3.3(rb_iseq_compile_node+0x157) [0x7fa7890b0e67] /tmp/ruby-build.20240530181640.561
9.rzPMtg/ruby-3.3.2/compile.c:966
lib/libruby.so.3.3(rb_iseq_new_with_opt+0x14d) [0x7fa7891815bd] /tmp/ruby-build.20240530181640.561
9.rzPMtg/ruby-3.3.2/iseq.c:946
lib/libruby.so.3.3(new_child_iseq+0xa7) [0x7fa78908ee87] /tmp/ruby-build.20240530181640.5619.rzPMt
g/ruby-3.3.2/compile.c:1494
lib/libruby.so.3.3(compile_iter+0x4c) [0x7fa7890a6f4c] /tmp/ruby-build.20240530181640.5619.rzPMtg/
ruby-3.3.2/compile.c:7719
lib/libruby.so.3.3(iseq_compile_each0) /tmp/ruby-build.20240530181640.5619.rzPMtg/ruby-3.3.2/compil
e.c:9808
lib/libruby.so.3.3(compile_block+0x1c) [0x7fa7890a654c] /tmp/ruby-build.20240530181640.5619.rzPMtg
/ruby-3.3.2/compile.c:4348
lib/libruby.so.3.3(iseq_compile_each0) /tmp/ruby-build.20240530181640.5619.rzPMtg/ruby-3.3.2/compil
e.c:9787
lib/libruby.so.3.3(rb_iseq_compile_node+0x73e) [0x7fa7890b144e] /tmp/ruby-build.20240530181640.561
9.rzPMtg/ruby-3.3.2/compile.c:938
lib/libruby.so.3.3(rb_iseq_new_with_opt+0x14d) [0x7fa7891815bd] /tmp/ruby-build.20240530181640.561
9.rzPMtg/ruby-3.3.2/iseq.c:946
lib/libruby.so.3.3(rb_iseq_new_main+0x71) [0x7fa7891819b1] /tmp/ruby-build.20240530181640.5619.rzP
MTg/ruby-3.3.2/iseq.c:885
lib/libruby.so.3.3(process_options+0x164c) [0x7fa78926232c] /tmp/ruby-build.20240530181640.5619.rz
PMtg/ruby-3.3.2/ruby.c:2441
lib/libruby.so.3.3(ruby_process_options+0x145) [0x7fa789262985] /tmp/ruby-build.20240530181640.561
9.rzPMtg/ruby-3.3.2/ruby.c:3014
lib/libruby.so.3.3(ruby_options+0xcd) [0x7fa78911dc5d] /tmp/ruby-build.20240530181640.5619.rzPMtg/
ruby-3.3.2/eval.c:121
bin/ruby(rb_main+0x19) [0x55b0072da10a] ./main.c:39
bin/ruby(main) ./main.c:58
/lib/x86_64-linux-gnu/libc.so.6(__libc_start_call_main+0x7a) [0x7fa788d60c8a] ../sysdeps/nptl/libc
_start_call_main.h:58
/lib/x86_64-linux-gnu/libc.so.6(call_init+0x0) [0x7fa788d60d45] ../csu/libc-start.c:360
/lib/x86_64-linux-gnu/libc.so.6(__libc_start_main_impl) ../csu/libc-start.c:347
/lib/x86_64-linux-gnu/libc.so.6(__libc_start_main) (null):0
[0x55b0072da151]

```

-- Other runtime information -----

* Loaded script: in.rb

* Loaded features:

```

0 enumerator.so
1 thread.rb
2 fiber.so
3 rational.so
4 complex.so
5 ruby2_keywords.rb
6 lib/ruby/3.3.0/x86_64-linux/enc/encdb.so
7 lib/ruby/3.3.0/x86_64-linux/enc/trans/transdb.so
8 lib/ruby/3.3.0/x86_64-linux/rbconfig.rb
9 lib/ruby/3.3.0/rubygems/compatibility.rb
10 lib/ruby/3.3.0/rubygems/defaults.rb
11 lib/ruby/3.3.0/rubygems/deprecate.rb
12 lib/ruby/3.3.0/rubygems/errors.rb
13 lib/ruby/3.3.0/rubygems/unknown_command_spell_checker.rb
14 lib/ruby/3.3.0/rubygems/exceptions.rb
15 lib/ruby/3.3.0/rubygems/basic_specification.rb
16 lib/ruby/3.3.0/rubygems/stub_specification.rb
17 lib/ruby/3.3.0/rubygems/platform.rb
18 lib/ruby/3.3.0/rubygems/util/list.rb
19 lib/ruby/3.3.0/rubygems/version.rb
20 lib/ruby/3.3.0/rubygems/requirement.rb
21 lib/ruby/3.3.0/rubygems/specification.rb
22 lib/ruby/3.3.0/rubygems/util.rb
23 lib/ruby/3.3.0/rubygems/dependency.rb
24 lib/ruby/3.3.0/rubygems/core_ext/kernel_gem.rb
25 lib/ruby/3.3.0/x86_64-linux/monitor.so

```

```

26 lib/ruby/3.3.0/monitor.rb
27 lib/ruby/3.3.0/rubygems.rb
28 lib/ruby/3.3.0/bundled_gems.rb
29 lib/ruby/3.3.0/rubygems/path_support.rb
30 lib/ruby/3.3.0/error_highlight/version.rb
31 lib/ruby/3.3.0/error_highlight/base.rb
32 lib/ruby/3.3.0/error_highlight/formatter.rb
33 lib/ruby/3.3.0/error_highlight/core_ext.rb
34 lib/ruby/3.3.0/error_highlight.rb
35 lib/ruby/3.3.0/did_you_mean/version.rb
36 lib/ruby/3.3.0/did_you_mean/core_ext/name_error.rb
37 lib/ruby/3.3.0/did_you_mean/levenshtein.rb
38 lib/ruby/3.3.0/did_you_mean/jaro_winkler.rb
39 lib/ruby/3.3.0/did_you_mean/spell_checker.rb
40 lib/ruby/3.3.0/did_you_mean/spell_checkers/name_error_checkers/class_name_checker.rb
41 lib/ruby/3.3.0/did_you_mean/spell_checkers/name_error_checkers/variable_name_checker.rb
42 lib/ruby/3.3.0/did_you_mean/spell_checkers/name_error_checkers.rb
43 lib/ruby/3.3.0/did_you_mean/spell_checkers/method_name_checker.rb
44 lib/ruby/3.3.0/did_you_mean/spell_checkers/key_error_checker.rb
45 lib/ruby/3.3.0/did_you_mean/spell_checkers/null_checker.rb
46 lib/ruby/3.3.0/did_you_mean/tree_spell_checker.rb
47 lib/ruby/3.3.0/did_you_mean/spell_checkers/require_path_checker.rb
48 lib/ruby/3.3.0/did_you_mean/spell_checkers/pattern_key_name_checker.rb
49 lib/ruby/3.3.0/did_you_mean/formatter.rb
50 lib/ruby/3.3.0/did_you_mean.rb
51 lib/ruby/3.3.0/syntax_suggest/core_ext.rb

```

* Process memory map:

```

55b0072d9000-55b0072da000 r--p 00000000 09:7f 42870666 bin/ruby
55b0072da000-55b0072db000 r-xp 00001000 09:7f 42870666 bin/ruby
55b0072db000-55b0072dc000 r--p 00002000 09:7f 42870666 bin/ruby
55b0072dc000-55b0072dd000 r--p 00002000 09:7f 42870666 bin/ruby
55b0072dd000-55b0072de000 rw-p 00003000 09:7f 42870666 bin/ruby
55b007f9f000-55b008772000 rw-p 00000000 00:00 0 [heap]
7fa76a627000-7fa76a800000 r--s 00000000 09:00 285418 /usr/lib/x86_64-linux-gnu
/libc.so.6
7fa76a800000-7fa76aa80000 rw-p 00000000 00:00 0
7fa76ac00000-7fa76b109000 rw-p 00000000 00:00 0
7fa76b200000-7fa76bee5000 rw-p 00000000 00:00 0
7fa76c000000-7fa76d1d8000 r--s 00000000 09:7f 42870668 lib/libruby.so.3.3.2
7fa76d200000-7fa76d201000 ---p 00000000 00:00 0
7fa76d201000-7fa76d2a2000 rw-p 00000000 00:00 0
7fa76d2a2000-7fa76d2a3000 ---p 00000000 00:00 0
7fa76d2a3000-7fa76d344000 rw-p 00000000 00:00 0
7fa76d344000-7fa76d345000 ---p 00000000 00:00 0
7fa76d345000-7fa76d3e6000 rw-p 00000000 00:00 0
7fa76d3e6000-7fa76d3e7000 ---p 00000000 00:00 0
7fa76d3e7000-7fa76d488000 rw-p 00000000 00:00 0
7fa76d488000-7fa76d489000 ---p 00000000 00:00 0
7fa76d489000-7fa76d52a000 rw-p 00000000 00:00 0
7fa76d52a000-7fa76d52b000 ---p 00000000 00:00 0
7fa76d52b000-7fa76d5cc000 rw-p 00000000 00:00 0
7fa76d5cc000-7fa76d5cd000 ---p 00000000 00:00 0
7fa76d5cd000-7fa76d66e000 rw-p 00000000 00:00 0
7fa76d66e000-7fa76d66f000 ---p 00000000 00:00 0
7fa76d66f000-7fa76d710000 rw-p 00000000 00:00 0
7fa76d710000-7fa76d711000 ---p 00000000 00:00 0
7fa76d711000-7fa76d7b2000 rw-p 00000000 00:00 0
7fa76d7b2000-7fa76d7b3000 ---p 00000000 00:00 0
7fa76d7b3000-7fa76d854000 rw-p 00000000 00:00 0
7fa76d854000-7fa76d855000 ---p 00000000 00:00 0
7fa76d855000-7fa76d8f6000 rw-p 00000000 00:00 0
7fa76d8f6000-7fa76d8f7000 ---p 00000000 00:00 0
7fa76d8f7000-7fa76d998000 rw-p 00000000 00:00 0
7fa76d998000-7fa76d999000 ---p 00000000 00:00 0
7fa76d999000-7fa76da3a000 rw-p 00000000 00:00 0

```

7fa76da3a000-7fa76da3b000	---p	00000000	00:00	0	
7fa76da3b000-7fa76dad000	rw-p	00000000	00:00	0	
7fa76dad000-7fa76dad1000	---p	00000000	00:00	0	
7fa76dad1000-7fa76db7e000	rw-p	00000000	00:00	0	
7fa76db7e000-7fa76db7f000	---p	00000000	00:00	0	
7fa76db7f000-7fa76dc20000	rw-p	00000000	00:00	0	
7fa76dc20000-7fa76dc21000	---p	00000000	00:00	0	
7fa76dc21000-7fa76dcc2000	rw-p	00000000	00:00	0	
7fa76dcc2000-7fa76dcc3000	---p	00000000	00:00	0	
7fa76dcc3000-7fa76dd64000	rw-p	00000000	00:00	0	
7fa76dd64000-7fa76dd65000	---p	00000000	00:00	0	
7fa76dd65000-7fa76de06000	rw-p	00000000	00:00	0	
7fa76de06000-7fa76de07000	---p	00000000	00:00	0	
7fa76de07000-7fa76dea8000	rw-p	00000000	00:00	0	
7fa76dea8000-7fa76dea9000	---p	00000000	00:00	0	
7fa76dea9000-7fa76df4a000	rw-p	00000000	00:00	0	
7fa76df4a000-7fa76df4b000	---p	00000000	00:00	0	
7fa76df4b000-7fa76dfec000	rw-p	00000000	00:00	0	
7fa76dfec000-7fa76dfed000	---p	00000000	00:00	0	
7fa76dfed000-7fa76e08e000	rw-p	00000000	00:00	0	
7fa76e08e000-7fa76e08f000	---p	00000000	00:00	0	
7fa76e08f000-7fa76e130000	rw-p	00000000	00:00	0	
7fa76e130000-7fa76e131000	---p	00000000	00:00	0	
7fa76e131000-7fa76e1d2000	rw-p	00000000	00:00	0	
7fa76e1d2000-7fa76e1d3000	---p	00000000	00:00	0	
7fa76e1d3000-7fa76e274000	rw-p	00000000	00:00	0	
7fa76e274000-7fa76e275000	---p	00000000	00:00	0	
7fa76e275000-7fa76e316000	rw-p	00000000	00:00	0	
7fa76e316000-7fa76e317000	---p	00000000	00:00	0	
7fa76e317000-7fa76e3b8000	rw-p	00000000	00:00	0	
7fa76e3b8000-7fa76e3b9000	---p	00000000	00:00	0	
7fa76e3b9000-7fa76e45a000	rw-p	00000000	00:00	0	
7fa76e45a000-7fa76e45b000	---p	00000000	00:00	0	
7fa76e45b000-7fa76e4fc000	rw-p	00000000	00:00	0	
7fa76e4fc000-7fa76e4fd000	---p	00000000	00:00	0	
7fa76e4fd000-7fa76e59e000	rw-p	00000000	00:00	0	
7fa76e59e000-7fa76e59f000	---p	00000000	00:00	0	
7fa76e59f000-7fa76e640000	rw-p	00000000	00:00	0	
7fa76e640000-7fa76e801000	---p	00000000	00:00	0	
7fa76e801000-7fa76f001000	rw-p	00000000	00:00	0	
7fa76f001000-7fa76f0f0000	rw-p	00000000	00:00	0	
7fa76f0f0000-7fa788600000	rw-p	00000000	00:00	0	
7fa788600000-7fa788620000	rw-p	00000000	00:00	0	
7fa788620000-7fa788660000	r--s	00000000	09:7f	42870666	bin/ruby
7fa788660000-7fa7886c0000	rw-p	00000000	00:00	0	
7fa7886c0000-7fa788790000	rw-p	00000000	00:00	0	
7fa788790000-7fa788800000	rw-p	00000000	00:00	0	
7fa788800000-7fa788b8b000	r--p	00000000	09:00	293187	/usr/lib/locale/locale-archive
7fa788b8b000-7fa788ce1000	rw-p	00000000	00:00	0	
7fa788ce1000-7fa788d39000	r--p	00000000	09:00	839275	/usr/lib/locale/C.utf8/LC_CTYPE
7fa788d39000-7fa788d5f000	r--p	00000000	09:00	285418	/usr/lib/x86_64-linux-gnu/libc.so.6
7fa788d5f000-7fa788eb6000	r-xp	00026000	09:00	285418	/usr/lib/x86_64-linux-gnu/libc.so.6
7fa788eb6000-7fa788f0b000	r--p	0017d000	09:00	285418	/usr/lib/x86_64-linux-gnu/libc.so.6
7fa788f0b000-7fa788f0f000	r--p	001d1000	09:00	285418	/usr/lib/x86_64-linux-gnu/libc.so.6
7fa788f0f000-7fa788f11000	rw-p	001d5000	09:00	285418	/usr/lib/x86_64-linux-gnu/libc.so.6
7fa788f11000-7fa788f1e000	rw-p	00000000	00:00	0	
7fa788f1e000-7fa788f2e000	r--p	00000000	09:00	285704	/usr/lib/x86_64-linux-gnu/libm.so.6
7fa788f2e000-7fa788fa4000	r-xp	00010000	09:00	285704	/usr/lib/x86_64-linux-gnu/libm.so.6

7fa788fa4000-7fa788ffe000	r--p	00086000	09:00	285704	/usr/lib/x86_64-linux-gnu/libm.so.6
7fa788ffe000-7fa788fff000	r--p	000df000	09:00	285704	/usr/lib/x86_64-linux-gnu/libm.so.6
7fa788fff000-7fa789000000	rw-p	000e0000	09:00	285704	/usr/lib/x86_64-linux-gnu/libm.so.6
7fa789000000-7fa78904a000	r--p	00000000	09:7f	42870668	lib/libruby.so.3.3.2
7fa78904a000-7fa78943c000	r-xp	0004a000	09:7f	42870668	lib/libruby.so.3.3.2
7fa78943c000-7fa7895c3000	r--p	0043c000	09:7f	42870668	lib/libruby.so.3.3.2
7fa7895c3000-7fa7895d9000	r--p	005c3000	09:7f	42870668	lib/libruby.so.3.3.2
7fa7895d9000-7fa7895dd000	rw-p	005d9000	09:7f	42870668	lib/libruby.so.3.3.2
7fa7895dd000-7fa7895f2000	rw-p	00000000	00:00	0	
7fa789610000-7fa789630000	rw-p	00000000	00:00	0	
7fa78963f000-7fa789641000	rw-p	00000000	00:00	0	
7fa789641000-7fa789645000	r--p	00000000	09:00	285622	/usr/lib/x86_64-linux-gnu/libgcc_s.so.1
7fa789645000-7fa789668000	r-xp	00004000	09:00	285622	/usr/lib/x86_64-linux-gnu/libgcc_s.so.1
7fa789668000-7fa78966c000	r--p	00027000	09:00	285622	/usr/lib/x86_64-linux-gnu/libgcc_s.so.1
7fa78966c000-7fa78966d000	r--p	0002b000	09:00	285622	/usr/lib/x86_64-linux-gnu/libgcc_s.so.1
7fa78966d000-7fa78966e000	rw-p	0002c000	09:00	285622	/usr/lib/x86_64-linux-gnu/libgcc_s.so.1
7fa78966e000-7fa789670000	rw-p	00000000	00:00	0	
7fa789670000-7fa789672000	r--p	00000000	09:00	285652	/usr/lib/x86_64-linux-gnu/libcrypt.so.1.1.0
7fa789672000-7fa789688000	r-xp	00002000	09:00	285652	/usr/lib/x86_64-linux-gnu/libcrypt.so.1.1.0
7fa789688000-7fa7896a2000	r--p	00018000	09:00	285652	/usr/lib/x86_64-linux-gnu/libcrypt.so.1.1.0
7fa7896a2000-7fa7896a3000	r--p	00031000	09:00	285652	/usr/lib/x86_64-linux-gnu/libcrypt.so.1.1.0
7fa7896a3000-7fa7896a4000	rw-p	00032000	09:00	285652	/usr/lib/x86_64-linux-gnu/libcrypt.so.1.1.0
7fa7896a4000-7fa7896ac000	rw-p	00000000	00:00	0	
7fa7896ac000-7fa7896b8000	r--p	00000000	09:00	286181	/usr/lib/x86_64-linux-gnu/libgmp.so.10.5.0
7fa7896b8000-7fa78971b000	r-xp	0000c000	09:00	286181	/usr/lib/x86_64-linux-gnu/libgmp.so.10.5.0
7fa78971b000-7fa789732000	r--p	0006f000	09:00	286181	/usr/lib/x86_64-linux-gnu/libgmp.so.10.5.0
7fa789732000-7fa789733000	r--p	00086000	09:00	286181	/usr/lib/x86_64-linux-gnu/libgmp.so.10.5.0
7fa789733000-7fa789734000	rw-p	00087000	09:00	286181	/usr/lib/x86_64-linux-gnu/libgmp.so.10.5.0
7fa789734000-7fa789737000	r--p	00000000	09:00	285895	/usr/lib/x86_64-linux-gnu/libz.so.1.3.1
7fa789737000-7fa78974a000	r-xp	00003000	09:00	285895	/usr/lib/x86_64-linux-gnu/libz.so.1.3.1
7fa78974a000-7fa789751000	r--p	00016000	09:00	285895	/usr/lib/x86_64-linux-gnu/libz.so.1.3.1
7fa789751000-7fa789752000	r--p	0001c000	09:00	285895	/usr/lib/x86_64-linux-gnu/libz.so.1.3.1
7fa789752000-7fa789753000	rw-p	0001d000	09:00	285895	/usr/lib/x86_64-linux-gnu/libz.so.1.3.1
7fa789756000-7fa789757000	r--p	00000000	09:7f	42870755	lib/ruby/3.3.0/x86_64-linux/monitor.so
7fa789757000-7fa789758000	r-xp	00001000	09:7f	42870755	lib/ruby/3.3.0/x86_64-linux/monitor.so
7fa789758000-7fa789759000	r--p	00002000	09:7f	42870755	lib/ruby/3.3.0/x86_64-linux/monitor.so
7fa789759000-7fa78975a000	r--p	00002000	09:7f	42870755	lib/ruby/3.3.0/x86_64-linux/monitor.so
7fa78975a000-7fa78975b000	rw-p	00003000	09:7f	42870755	lib/ruby/3.3.0/x86_64-linux/monitor.so
7fa78975b000-7fa78975c000	r--p	00000000	09:7f	42870679	lib/ruby/3.3.0/x86_64-linux/monitor.so

ux/enc/trans/transdb.so	7fa78975c000-7fa78975d000	r-xp	00001000	09:7f	42870679	lib/ruby/3.3.0/x86_64-lin
ux/enc/trans/transdb.so	7fa78975d000-7fa78975e000	r--p	00002000	09:7f	42870679	lib/ruby/3.3.0/x86_64-lin
ux/enc/trans/transdb.so	7fa78975e000-7fa78975f000	r--p	00002000	09:7f	42870679	lib/ruby/3.3.0/x86_64-lin
ux/enc/trans/transdb.so	7fa78975f000-7fa789760000	rw-p	00003000	09:7f	42870679	lib/ruby/3.3.0/x86_64-lin
ux/enc/trans/transdb.so	7fa789760000-7fa789761000	r--p	00000000	09:7f	42870702	lib/ruby/3.3.0/x86_64-lin
ux/enc/encdb.so	7fa789761000-7fa789762000	r-xp	00001000	09:7f	42870702	lib/ruby/3.3.0/x86_64-lin
ux/enc/encdb.so	7fa789762000-7fa789763000	r--p	00002000	09:7f	42870702	lib/ruby/3.3.0/x86_64-lin
ux/enc/encdb.so	7fa789763000-7fa789764000	r--p	00002000	09:7f	42870702	lib/ruby/3.3.0/x86_64-lin
ux/enc/encdb.so	7fa789764000-7fa789765000	rw-p	00003000	09:7f	42870702	lib/ruby/3.3.0/x86_64-lin
ux/enc/encdb.so	7fa789765000-7fa78976c000	r--s	00000000	09:00	312670	/usr/lib/x86_64-linux-gnu
/gconv/gconv-modules.cache	7fa78976c000-7fa78976e000	rw-p	00000000	00:00	0	
7fa78976e000-7fa78976f000	r--p	00000000	09:00	285229		/usr/lib/x86_64-linux-gnu
/ld-linux-x86-64.so.2	7fa78976f000-7fa789794000	r-xp	00001000	09:00	285229	/usr/lib/x86_64-linux-gnu
/ld-linux-x86-64.so.2	7fa789794000-7fa78979e000	r--p	00026000	09:00	285229	/usr/lib/x86_64-linux-gnu
/ld-linux-x86-64.so.2	7fa78979e000-7fa7897a0000	r--p	00030000	09:00	285229	/usr/lib/x86_64-linux-gnu
/ld-linux-x86-64.so.2	7fa7897a0000-7fa7897a2000	rw-p	00032000	09:00	285229	/usr/lib/x86_64-linux-gnu
/ld-linux-x86-64.so.2	7fffeaffc000-7fffeb7fb000	rw-p	00000000	00:00	0	[stack]
7fffeb83a000-7fffeb83e000	r--p	00000000	00:00	0		[vvar]
7fffeb83e000-7fffeb840000	r-xp	00000000	00:00	0		[vdso]

Related issues:

Is duplicate of Ruby - Bug #20468: Segfault on safe navigation in for target Closed

History

#1 - 06/06/2024 05:12 PM - herwin (Herwin W)

I tried a few more Ruby versions. JRuby 9.4.7.0 works, but it results in an error when foo = nil. MRuby 3.3.0 and TruffleRuby 24.0.1 both work fine with this case and the foo = nil case.

#2 - 06/06/2024 06:35 PM - kddnewton (Kevin Newton)

I believe this has already been fixed in <https://bugs.ruby-lang.org/issues/20468>. Can you try HEAD?

#3 - 06/07/2024 12:56 AM - nobu (Nobuyoshi Nakada)

- Is duplicate of Bug #20468: Segfault on safe navigation in for target added

#4 - 06/07/2024 12:56 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Feedback

#5 - 06/07/2024 06:11 AM - herwin (Herwin W)

Just tried it with the latest git version (ruby 3.4.0dev (2024-06-07T04:38:11Z master a279463d0e) [x86_64-linux]), it is fixed indeed. I tried the foo = nil part as well, and that works too. I guess this one can be closed.

#6 - 06/07/2024 09:08 AM - mame (Yusuke Endoh)

- Status changed from Feedback to Closed