

Ruby master - Bug #16807

Ruby 2.7 segfault loading sources under GC.stress

04/22/2020 08:03 AM - qnighy (Masaki Hara)

Status:	Open		
Priority:	Normal		
Assignee:			
Target version:			
ruby -v:	ruby 2.7.1p83 (2020-03-31 revision a0c7c23c9c) [x86_64-darwin19]	Backport:	2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN

Description

Originally seen in <https://github.com/protocolbuffers/protobuf/pull/7386>, but reproduces without C extension.

Reproduction: place these four files from [this gist](#):

- tests/
 - gc_test.rb
 - generated_code_pb.rb
 - generated_code_proto2_pb.rb
- lib/
 - google/
 - protobuf.rb

Then I got the following:

```
$ ruby -Ilib tests/gc_test.rb
/Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/core_ext/kernel_require.rb:72: [BUG] Segmentation fault at 0x00007fd23ba8e608
ruby 2.7.1p83 (2020-03-31 revision a0c7c23c9c) [x86_64-darwin19]
```

```
-- Crash Report log information -----
See Crash Report log file under the one of following:
* ~/Library/Logs/DiagnosticReports
* /Library/Logs/DiagnosticReports
for more details.
```

Don't forget to include the above Crash Report log file in bug reports.

```
-- Control frame information -----
c:0007 p:---- s:0052 e:000051 CFUNC :require
c:0006 p:0111 s:0047 e:000046 METHOD /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/core_ext/kernel_require.rb:72
c:0005 p:0005 s:0031 e:000030 TOP /Users/qnighy/workdir/ruby-parse-failure/tests/generated_code_pb.rb:4 [FINISH]
c:0004 p:---- s:0028 e:000027 CFUNC :require
c:0003 p:0111 s:0023 e:000022 METHOD /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/core_ext/kernel_require.rb:72
c:0002 p:0064 s:0007 E:000d38 EVAL tests/gc_test.rb:8 [FINISH]
c:0001 p:0000 s:0003 E:001d80 (none) [FINISH]
```

```
-- Ruby level backtrace information -----
tests/gc_test.rb:8:in `<main>'
/Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/core_ext/kernel_require.rb:72:in `require'
/Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/core_ext/kernel_require.rb:72:in `require'
/Users/qnighy/workdir/ruby-parse-failure/tests/generated_code_pb.rb:4:in `<top (required)>'
/Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/core_ext/kernel_require.rb:72:in `require'
/Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/core_ext/kernel_require.rb:72:in `require'
```

```
-- Machine register context -----
```

```
rax: 0x00000000c27c19ab rbx: 0x0000000000000000 rcx: 0x00007fcc27c818b0
rdx: 0x00000000c27c19ab rdi: 0x0000000000000000 rsi: 0x00007fcc2a015c10
rbp: 0x00007ffeed341d80 rsp: 0x00007ffeed341d40 r8: 0x0000000000000000
r9: 0x0000000000000028 r10: 0x00007fcc27c0b030 r11: 0xfffffcd3acd8990
r12: 0x0000000000000000 r13: 0x0000000000000000 r14: 0x0000000000000000
r15: 0x0000000000000000 rip: 0x0000000102a3724e rfl: 0x0000000000010282
```

```
-- C level backtrace information -----
```

```
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_print_backtrace+0x19) [0x102be8a09]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_vm_bugreport+0xa8) [0x102be8ad8]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_bug_for_fatal_signal+0x1b5) [0x10296c485]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(sig_do_nothing+0x0) [0x102b11540]
/usr/lib/system/libsystem_platform.dylib(_sigtramp+0x1d) [0x7fff6a8435fd]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(mark_ast_value+0x6e) [0x102a3724e]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(iterate_buffer_elements+0x51) [0x102a37d81]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(iterate_node_values+0x38) [0x102a36fb8]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_ast_mark+0x81) [0x102a371d1]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(gc_mark_imemo+0x206) [0x1029a5ce6]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(gc_mark_children+0x123) [0x102997173]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(gc_mark_stacked_objects+0x79) [0x10299fe69]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(gc_mark_stacked_objects_all+0x1b) [0x1029a0a4b]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(gc_marks_rest+0x7f) [0x10299f74f]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(gc_marks+0x67) [0x1029a18e7]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(gc_start+0x364) [0x10299d944]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(garbage_collect+0x24) [0x1029947d4]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(garbage_collect_with_gvl+0x5f) [0x1029a63bf]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(objspace_malloc_gc_stress+0x8a) [0x1029a635a]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(objspace_xmalloc0+0x2a) [0x102997d4a]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(ruby_xmalloc2_body+0x3c) [0x102997d0c]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(ruby_xmalloc2+0x1d) [0x10299c84d]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(str_new0+0x10b) [0x102b2ebfb]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_enc_str_new+0x50) [0x102b2eac0]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(parser_str_new+0x64) [0x102a8e814]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(parse_string+0x3a5) [0x102a89775]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(parser_yylex+0xb4) [0x102a84c64]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(yylex+0x34) [0x102a790e4]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(ruby_yyparse+0x583) [0x102a69eb3]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(yycompile0+0x15c) [0x102a8371c]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_suppress_tracing+0x14c) [0x102beb29c]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(yycompile+0xb2) [0x102a812d2]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_parser_compile_file_path+0x7e) [0x102a811ee]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(load_file_internal+0x777) [0x102b0a827]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_ensure+0x13c) [0x10297a54c]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(load_file+0x6c) [0x102b0813c]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_parser_load_file+0x83) [0x102b07dd3]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(load_iseq_eval+0x51) [0x1029ee9e1]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(require_internal+0x505) [0x1029eca35]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_require_string+0x27) [0x1029ebbb7]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_f_require+0x19) [0x1029ebb89]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(call_cfunc_1+0x30) [0x102bdd300]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(vm_call_cfunc_with_frame+0x39b) [0x102bceb7b]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(vm_call_cfunc+0x8c) [0x102bc5f9c]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(vm_sendish+0xe8) [0x102bd4398]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(vm_exec_core+0x3e0e) [0x102bab21e]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_vm_exec+0x192) [0x102bc0092]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_iseq_eval+0x30) [0x102bc1010]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(load_iseq_eval+0xd6) [0x1029eea66]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(require_internal+0x505) [0x1029eca35]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_require_string+0x27) [0x1029ebbb7]
```

```
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_f_require+0x19) [0x1029ebb89]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(call_cfunc_1+0x30) [0x102bdd300]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(vm_call_cfunc_with_frame+0x39b) [0x102bceb7b]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(vm_call_cfunc+0x8c) [0x102bc5f9c]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(vm_call_method_each_type+0xd1) [0x102bc5601]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(vm_call_method_each_type+0x365) [0x102bc5895]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(vm_call_method+0x1a1) [0x102bc5331]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(vm_call_general+0x2d) [0x102ba6b7d]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(vm_sendish+0xe8) [0x102bd4398]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(vm_exec_core+0x3e0e) [0x102bab21e]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_vm_exec+0x192) [0x102bc0092]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_iseq_eval_main+0x30) [0x102bc1150]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(rb_ec_exec_node+0x12b) [0x102978c1b]
/Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib(ruby_run_node+0x73) [0x102978ab3]
/Users/qnighy/.rbenv/versions/2.7.1/bin/ruby(main+0x68) [0x1028b6f08]
```

-- Other runtime information -----

* Loaded script: tests/gc_test.rb

* Loaded features:

```
0 enumerator.so
1 thread.rb
2 rational.so
3 complex.so
4 ruby2_keywords.rb
5 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/encdb.bundle
6 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/trans/transdb.bundle
7 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/rbconfig.rb
8 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/compatibility.rb
9 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/defaults.rb
10 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/deprecate.rb
11 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/errors.rb
12 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/version.rb
13 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/requirement.rb
14 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/platform.rb
15 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/basic_specification.rb
16 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/stub_specification.rb
17 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/util.rb
18 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/text.rb
19 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/user_interaction.rb
20 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/specification_policy.rb
21 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/util/list.rb
22 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/specification.rb
23 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/exceptions.rb
24 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/bundler_version_finder.rb
25 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/dependency.rb
26 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/core_ext/kernel_gem.rb
27 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/monitor.bundle
28 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/monitor.rb
29 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/core_ext/kernel_require.rb
30 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/core_ext/kernel_warn.rb
31 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems.rb
32 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/rubygems/path_support.rb
33 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/did_you_mean/version.rb
34 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/did_you_mean/core_ext/name_error.rb
35 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/did_you_mean/levenshtein.rb
36 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/did_you_mean/jaro_winkler.rb
37 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/did_you_mean/spell_checker.rb
38 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/did_you_mean/spell_checkers/name_error_ch
eckers/class_name_checker.rb
39 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/did_you_mean/spell_checkers/name_error_ch
eckers/variable_name_checker.rb
```

```

 40 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/did_you_mean/spell_checkers/name_error_ch
eckers.rb
 41 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/did_you_mean/spell_checkers/method_name_c
hecker.rb
 42 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/did_you_mean/spell_checkers/key_error_che
cker.rb
 43 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/did_you_mean/spell_checkers/null_checker.
rb
 44 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/did_you_mean/formatters/plain_formatter.r
b
 45 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/did_you_mean/tree_spell_checker.rb
 46 /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/did_you_mean.rb

```

* Process memory map:

```

1028b6000-1028b7000 r-x /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
1028b7000-1028b8000 r-- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
1028b8000-1028b9000 rw- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
1028b9000-1028ba000 r-- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
1028ba000-1028bc000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib
1028bc000-102c97000 r-x /Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib
102c97000-102c9c000 r-- /Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib
102c9c000-102c9e000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib
102c9e000-102cb4000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib
102cb4000-102e03000 r-- /Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib
102e03000-102e04000 r-- /usr/local/Cellar/gmp/6.2.0/lib/libgmp.10.dylib
102e04000-102e05000 rw- /usr/local/Cellar/gmp/6.2.0/lib/libgmp.10.dylib
102e05000-102e06000 r-- /usr/local/Cellar/gmp/6.2.0/lib/libgmp.10.dylib
102e06000-102e07000 r-- /usr/local/Cellar/gmp/6.2.0/lib/libgmp.10.dylib
102e07000-102e08000 rw- /usr/local/Cellar/gmp/6.2.0/lib/libgmp.10.dylib
102e08000-102e66000 r-x /usr/local/Cellar/gmp/6.2.0/lib/libgmp.10.dylib
102e66000-102e67000 r-- /usr/local/Cellar/gmp/6.2.0/lib/libgmp.10.dylib
102e67000-102e68000 rw- /usr/local/Cellar/gmp/6.2.0/lib/libgmp.10.dylib
102e68000-102e72000 r-- /usr/local/Cellar/gmp/6.2.0/lib/libgmp.10.dylib
102e72000-102e73000 --- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
102e73000-102e79000 rw- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
102e79000-102e7a000 --- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
102e7a000-102e7b000 --- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
102e7b000-102e81000 rw- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
102e81000-102e82000 --- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
102e82000-102ec2000 rw- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
102ec2000-102edc000 rw- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
102edc000-102fdc000 rw- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
102fdc000-102fec000 rw- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
102fec000-10304c000 rw- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
10304c000-103050000 r-- /Users/qnighy/.rbenv/versions/2.7.1/bin/ruby
103050000-105050000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105050000-105064000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105064000-105070000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105070000-105071000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105071000-105112000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105112000-105113000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105113000-1051b4000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
1051b4000-1051b5000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
1051b5000-105256000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105256000-105257000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105257000-1052f8000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc

```



```

105d19000-105dba000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105dba000-105dbb000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105dbb000-105e5c000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105e5c000-105e5d000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105e5d000-105efe000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105efe000-105eff000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105eff000-105fa0000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105fa0000-105fa1000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
105fa1000-106042000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
106042000-106043000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
106043000-1060e4000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
1060e4000-1060e5000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
1060e5000-106186000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
106186000-106187000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
106187000-106228000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
106228000-106229000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
106229000-1062ca000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
1062ca000-1062cb000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
1062cb000-10636c000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
10636c000-10636d000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
10636d000-10640e000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
10640e000-10640f000 --- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
10640f000-1064b0000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
1064b0000-1064b2000 r-x /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
1064b2000-1064b3000 r-- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
1064b3000-1064b4000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
1064b4000-1064b5000 r-- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/enc
db.bundle
1064b5000-1064b7000 r-x /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/tra
ns/transdb.bundle
1064b7000-1064b8000 r-- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/tra
ns/transdb.bundle
1064b8000-1064b9000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/tra
ns/transdb.bundle
1064b9000-1064ba000 r-- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/enc/tra
ns/transdb.bundle
1064ba000-1064c9000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/monitor
.bundle
1064c9000-1064e1000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/monitor
.bundle
1064e1000-1064fe000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/monitor

```

```

.bundle
1064fe000-106537000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/monitor
.bundle
106537000-106539000 r-x /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/monitor
.bundle
106539000-10653a000 r-- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/monitor
.bundle
10653a000-10653b000 rw- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/monitor
.bundle
10653b000-10653d000 r-- /Users/qnighy/.rbenv/versions/2.7.1/lib/ruby/2.7.0/x86_64-darwin19/monitor
.bundle
10653d000-106a6e000 r-- /Users/qnighy/.rbenv/versions/2.7.1/lib/libruby.2.7.dylib
106a6e000-106a94000 r-- /usr/lib/system/libsystem_platform.dylib
1097ea000-10987c000 r-x /usr/lib/dyld
10987c000-109881000 r-- /usr/lib/dyld
109881000-109882000 rw- /usr/lib/dyld
109882000-1098b7000 rw- /usr/lib/dyld
1098b7000-1098ef000 r-- /usr/lib/dyld
70000d0bf000-70000d0c0000 --- /usr/lib/dyld
70000d0c0000-70000d142000 rw- /usr/lib/dyld
7fcc27c00000-7fcc27d00000 rw- /usr/lib/dyld
7fcc27d00000-7fcc27e00000 rw- /usr/lib/dyld
7fcc27e00000-7fcc27f00000 rw- /usr/lib/dyld
7fcc27f00000-7fcc28000000 rw- /usr/lib/dyld
7fcc28000000-7fcc28800000 rw- /usr/lib/dyld
7fcc28800000-7fcc28900000 rw- /usr/lib/dyld
7fcc28900000-7fcc28a00000 rw- /usr/lib/dyld
7fcc28a00000-7fcc28b00000 rw- /usr/lib/dyld
7fcc28b00000-7fcc28c00000 rw- /usr/lib/dyld
7fcc29000000-7fcc29800000 rw- /usr/lib/dyld
7fcc29800000-7fcc2a000000 rw- /usr/lib/dyld
7fcc2a000000-7fcc2a800000 rw- /usr/lib/dyld
7fcc2a800000-7fcc2b000000 rw- /usr/lib/dyld
7fcc2b000000-7fcc2b800000 rw- /usr/lib/dyld
7ffee934a000-7ffee934a000 --- /usr/lib/dyld
7ffee934a000-7ffeed34a000 rw- /usr/lib/dyld
7fff00000000-7fff80000000 r-- /usr/lib/dyld
7fff80000000-7fff85000000 r-- /usr/lib/dyld
7fff85000000-7fff85200000 rw- /usr/lib/dyld
7fff85200000-7fff87800000 r-- /usr/lib/dyld
7fff87800000-7fff87a00000 rw- /usr/lib/dyld
7fff87a00000-7fff88200000 r-- /usr/lib/dyld
7fff88200000-7fff88400000 rw- /usr/lib/dyld
7fff88400000-7fff88600000 rw- /usr/lib/dyld
7fff88600000-7fff88800000 r-- /usr/lib/dyld
7fff88800000-7fff88a00000 rw- /usr/lib/dyld
7fff88a00000-7fff89e00000 r-- /usr/lib/dyld
7fff89e00000-7fff8a000000 rw- /usr/lib/dyld
7fff8a000000-7fff8d600000 r-- /usr/lib/dyld
7fff8d600000-7fff8d800000 rw- /usr/lib/dyld
7fff8d800000-7fff8da00000 rw- /usr/lib/dyld
7fff8da00000-7fff90a00000 r-- /usr/lib/dyld
7fff90a00000-7fff90c00000 rw- /usr/lib/dyld
7fff90c00000-7fff90e00000 rw- /usr/lib/dyld
7fff90e00000-7fff91000000 rw- /usr/lib/dyld
7fff91000000-7fff91200000 rw- /usr/lib/dyld
7fff91200000-7fff91600000 r-- /usr/lib/dyld
7fff91600000-7fff91800000 rw- /usr/lib/dyld
7fff91800000-7fff91c00000 r-- /usr/lib/dyld
7fff91c00000-7fff91e00000 r-- /usr/lib/dyld
7fff91e00000-7fff91f00000 r-- /usr/lib/dyld
7fff91f00000-7fff92000000 r-x /usr/lib/dyld
[IMPORTANT]
Don't forget to include the Crash Report log file under
DiagnosticReports directory in bug reports.

zsh: abort ruby -Ilib tests/gc_test.rb

```

This is seen in Linux too in the aforementioned pull request, but I couldn't reproduce it in my local Linux machine.

Also reproduced with miniruby from the latest master (8474e6a).

History

#1 - 04/22/2020 09:49 AM - nobu (Nobuyoshi Nakada)

ID list in NODE_SCOPE seems corrupted.

Maybe a GC compaction related issue?