Ruby master - Bug #15147

Mac OSX (brew) reported: You may have encountered a bug in the Ruby interpreter or extension libraries

09/22/2018 05:11 PM - unixwizard (Clement Cole)

Status: Third Party's Issue
Priority: Normal
Assignee: 
Target version: ruby -v: ruby 2.3.7p456 (2018-03-28 revision 63024) [universal.x86_64-darwin17] Backport: 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN

Description
running: brew update --verbose on my Mac. Note: brew doctor seems to have a similar error. The runtime asked me to report this to you folks, so I am.

==> Checking dependents for broken library links
/usr/local/Homebrew/Library/Homebrew/cache_store.rb:24: [BUG] Segmentation fault at 0x0000000000000ffd
ruby 2.3.7p456 (2018-03-28 revision 63024) [universal.x86_64-darwin9.0]

-- Crash Report log information --------------------------
See Crash Report log file under the one of following:
* ~/Library/Logs/CrashReporter
* /Library/Logs/CrashReporter
* ~/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:0023 p:---- s:0133 e:000132 CFUNC [:]=
c:0022 p:0018 s:0128 e:000126 METHOD /usr/local/Homebrew/Library/Homebrew/cache_store.rb:24

c:0021 p:0029 s:0122 e:000121 METHOD /usr/local/Homebrew/Library/Homebrew/linkage_cache_store.rb:38

c:0020 p:0167 s:0118 E:002578 METHOD /usr/local/Homebrew/Library/Homebrew/linkage_checker.rb:148

c:0019 p:0187 s:0110 E:001998 METHOD /usr/local/Homebrew/Library/Homebrew/linkage_checker.rb:25 [FINISH]
c:0018 p:---- s:0102 e:000101 CFUNC :new

c:0016 p:---- s:0092 e:000091 CFUNC :each

c:0015 p:0049 s:0089 e:000088 BLOCK /usr/local/Homebrew/Library/Homebrew/cmd/upgrade.rb:241 [FINISH]
c:0014 p:---- s:0082 e:000081 CFUNC :each_key

c:0013 p:0033 s:0075 e:000078 METHOD /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/set.rb:306

c:0012 p:0010 s:0075 E:000ad8 BLOCK /usr/local/Homebrew/Library/Homebrew/cmd/upgrade.rb:231

c:0011 p:0024 s:0072 e:000071 METHOD /usr/local/Homebrew/Library/cache_store.rb:17

c:0010 p:0045 s:0066 E:000ef0 METHOD /usr/local/Homebrew/Library/Homebrew/cmd/upgrade.rb:230

c:0009 p:0061 s:0059 e:000058 BLOCK /usr/local/Homebrew/Library/Homebrew/cmd/upgrade.rb:261 [FINISH]
c:0008 p:---- s:0052 e:000051 CFUNC :each


c:0006 p:0024 s:0046 e:000045 METHOD /usr/local/Homebrew/Library/cache_store.rb:17

c:0005 p:0045 s:0040 e:000039 METHOD /usr/local/Homebrew/Library/cmd/upgrade.rb:230

c:0004 p:0295 s:0033 e:000032 METHOD /usr/local/Homebrew/Library/cmd/upgrade.rb:332

c:0003 p:0352 s:0024 e:000023 METHOD /usr/local/Homebrew/Library/cmd/upgrade.rb:86

c:0002 p:0704 s:0017 E:0005c8 EVAL /usr/local/Homebrew/Library/Homebrew/brew.rb:91 [FINISH]
c:0001 p:0000 s:0002 E:001810 (none) [FINISH]

-- Ruby level backtrace information ---------------------

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block (2 levels) in broken_dependents'

-- Machine register context -----------------------------------------------
rax: 0x0000000000000001 rbx: 0x0000000000000007 rcx: 0x000000000000000f
rdx: 0x0000000000000000 rdi: 0x0000000106615ce0 rsi: 0x00000000ffffffff
rbp: 0x0000000000000000 rsp: 0x0000000000000000  r8: 0x0000000000000001
r9: 0x0000000106d733a0 r10: 0x0000000000000020 r11: 0x000000010036f5e
r12: 0x0000000000000001 r13: 0x0000000000000001 r14: 0x0000000001eaac5f0
r15: 0x000000000106615ce0 rip: 0x0000000000000000 rlf: 0x0000000000000020

-- Other runtime information -----------------------------------------------

● Loaded script: /usr/local/Homebrew/Library/Homebrew/brew.rb

● Loaded features:
0 enumerator.so
1 thread.rb
2 rational.so
3 complex.so
4 encdb.so
5 trans/transdb.so
6 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/unicode_normalize.rb
7 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/universal-darwin9.0/rbconfig.rb
8 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/compatibility.rb
9 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/platform.rb
10 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/deprecate.rb
11 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/errors.rb
12 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/version.rb
13 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/requirement.rb
14 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/platform.rb
15 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/basic_specification.rb
16 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/stub_specification.rb
17 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/util/list.rb
18 stringio.so
19 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/uri/rfc2396_parser.rb
20 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/uri/rfc3986_parser.rb
21 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/uri/common.rb
22 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/uri/generic.rb
23 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/uri/ftp.rb
24 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/uri/http.rb
25 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/uri/https.rb
26 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/uri/idap.rb
27 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/uri/idaps.rb
28 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/uri/mailto.rb
29 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/uri.rb
30 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/specification.rb
31 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/exceptions.rb
32 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/dependency.rb
33 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/core_ext/kernel_gem.rb
34 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/path_support.rb
35 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems/core_ext/kernel_require.rb
36 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems.rb
37 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rubygems.rb

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421 /usr/local/Homebrew/Library/Homebrew/compat/cask/caskroom.rb
422 /usr/local/Homebrew/Library/Homebrew/compat/cask/dsl.rb
423 /usr/local/Homebrew/Library/Homebrew/compat/cask.rb
424 /usr/local/Homebrew/Library/Homebrew/compat/tap.rb
425 /usr/local/Homebrew/Library/Homebrew/compat.rb
426 /usr/local/Homebrew/Library/Homebrew/global.rb
427 /usr/local/Homebrew/Library/Homebrew/compat/cask/cache.rb
428 /usr/local/Homebrew/Library/Homebrew/compat/cask/quarantine.rb
429 /usr/local/Homebrew/Library/Homebrew/compat/cask/verify.rb
430 /usr/local/Homebrew/Library/Homebrew/cask/download.rb
431 /usr/local/Homebrew/Library/Homebrew/update_migrator.rb
432 /usr/local/Homebrew/Library/Homebrew/extend/os/mac/diagnostic.rb
433 /usr/local/Homebrew/Library/Homebrew/extend/os/diagnostic.rb
434 /usr/local/Homebrew/Library/Homebrew/diagnostic.rb
435 /usr/local/Homebrew/Library/Homebrew/install.rb
436 /usr/local/Homebrew/Library/Homebrew/extend/os/mac/caveats.rb
437 /usr/local/Homebrew/Library/Homebrew/extend/os/caveats.rb
438 /usr/local/Homebrew/Library/Homebrew/caveats.rb
439 /usr/local/Homebrew/Library/Homebrew/extend/os/mac/cleaner.rb
440 /usr/local/Homebrew/Library/Homebrew/extend/os/cleaner.rb
441 /usr/local/Homebrew/Library/Homebrew/cleaner.rb
442 /usr/local/Homebrew/Library/Homebrew/extend/os/mac/formula_cellar_checks.rb
443 /usr/local/Homebrew/Library/Homebrew/extend/os/formula_cellar_checks.rb
444 /usr/local/Homebrew/Library/Homebrew/formula_cellar_checks.rb
445 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/mutex_m.rb
446 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/e2mmap.rb
447 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/irb/init.rb
448 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/irb/workspace.rb
449 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/irb/inspector.rb
450 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/irb/context.rb
451 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/irb/extend-command.rb
452 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/irb/output-method.rb
453 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/irb/slex.rb
454 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/irb/ruby-token.rb
455 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/irb/ruby-lex.rb
456 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/irb/src_encoding.rb
457 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/irb/magic-file.rb
458 readline.so
459 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/ruby/ruby/2.3.0/output-method.rb
460 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/ruby/ruby/2.3.0/output-method.rb
461 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/ruby/ruby/2.3.0/output-method.rb
462 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/ruby/ruby/2.3.0/output-method.rb
463 /usr/local/Homebrew/Library/Homebrew/debrew/irb.rb
464 /usr/local/Homebrew/Library/Homebrew/debrew.rb
465 /usr/local/Homebrew/Library/Homebrew/debrew.rb
466 /usr/local/Homebrew/Library/Homebrew/formula_installer.rb
467 /usr/local/Homebrew/Library/Homebrew/reinstall.rb
468 /usr/local/Homebrew/Library/Homebrew/cmd/upgrade.rb
469 /usr/local/Homebrew/Library/Homebrew/language/go.rb
470 /usr/local/Homebrew/Library/Homebrew/language/node.rb
471 digest/sha2.so
472 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/digest/sha2.rb
473 /usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/find.rb

[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
[ctcole-mac07:~/Downloads] ctcole% ruby -v
ruby 2.3.7p456 (2018-03-28 revision 63024) [universal.x86_64-darwin17]

Related issues:
Is duplicate of Ruby master - Bug #15137: Can't run brew cleanup

Third Party’s Issue
History

#1 - 09/22/2018 07:10 PM - nobu (Nobuyoshi Nakada)
- Is duplicate of Bug #15137: Can't run brew cleanup added

#2 - 10/06/2018 03:11 PM - nobu (Nobuyoshi Nakada)
- Status changed from Open to Third Party's Issue

I can't reproduce it on linkage.db files uploaded there, but dbm_open in the system library returns NULL instead. I guess the system bundled dbm has an incompatibility or a bug which causes the failure or the segfaults, and we can't manage that library.

Files

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<tr>
<th>File Name</th>
<th>Size</th>
<th>Date</th>
<th>Author</th>
</tr>
</thead>
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<td>ruby_2018-09-22-124554_ctcole-mac07.crash</td>
<td>38.5 KB</td>
<td>09/22/2018</td>
<td>unixwizard (Clement Cole)</td>
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<tr>
<td>ruby_2018-09-22-125830_ctcole-mac07.crash</td>
<td>39.6 KB</td>
<td>09/22/2018</td>
<td>unixwizard (Clement Cole)</td>
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