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)

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

**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.

```ruby
=> 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 -----------------------------------------------
```

```ruby
c:0023 p:---- s:0133 e:000132 CFUNC  
000132
| 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:000aad8 BLOCK /usr/local/Homebrew/Library/Homebrew/cmd/upgrade.rb:231
| c:0011 p:0024 s:0072 e:000071 METHOD /usr/local/Homebrew/Library/Homebrew/cache_store.rb:17
| c:0010 p:0045 s:0066 E:000e60 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/Homebrew/cache_store.rb:17
| c:0005 p:0045 s:0040 e:000039 METHOD /usr/local/Homebrew/Library/Homebrew/cmd/upgrade.rb:230
| c:0004 p:0295 s:0033 e:000032 METHOD /usr/local/Homebrew/Library/Homebrew/cmd/upgrade.rb:332
| c:0003 p:0352 s:0024 e:000023 METHOD /usr/local/Homebrew/Library/Homebrew/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
-- Ruby level backtrace information ----------------------------------------
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```ruby
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<table>
<thead>
<tr>
<th>Path</th>
<th>File Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/os.rb</td>
<td></td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/extend/ARGV.rb</td>
<td></td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/messages.rb</td>
<td></td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/open3.rb</td>
<td>open3.rb</td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/base64.rb</td>
<td>base64.rb</td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/cgicore.rb</td>
<td>cgicore.rb</td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/cgit.util.rb</td>
<td>cgit.util.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/cgcokie.rb</td>
<td>cgcooke.rb</td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/cgicore.rb</td>
<td>cgicore.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/bundle-standalone/ruby/2.3.0/gems/plist-3.4.0/lplib.plist/generator.rb</td>
<td>lplib.plist/generator.rb</td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/set.rb</td>
<td>set.rb</td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlsecuility.rb</td>
<td>lib/ruby/2.3.0/xmlsecuility.rb</td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rl/xmlparseexception.rb</td>
<td>lib/ruby/2.3.0/rl/xmlparseexception.rb</td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rl/xmlformatters/default.rb</td>
<td>lib/ruby/2.3.0/rl/xmlformatters/default.rb</td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rl/xmlformatters/pretty.rb</td>
<td>lib/ruby/2.3.0/rl/xmlformatters/pretty.rb</td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rl/xmlnode.rb</td>
<td>lib/ruby/2.3.0/rl/xmlnode.rb</td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rl/xmlchild.rb</td>
<td>lib/ruby/2.3.0/rl/xmlchild.rb</td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/rl/xmlparent.rb</td>
<td>lib/ruby/2.3.0/rl/xmlparent.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmltokens.rb</td>
<td>lib/ruby/2.3.0/xmlxmltokens.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmlnamespace.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmlencoding.rb</td>
<td>lib/ruby/2.3.0/xmlxmlencoding.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmlsource.rb</td>
<td>lib/ruby/2.3.0/xmlxmlsource.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmlentity.rb</td>
<td>lib/ruby/2.3.0/xmlxmlentity.rb</td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlattribudecl.rb</td>
<td>lib/ruby/2.3.0/xmlattribudecl.rb</td>
</tr>
<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmldoctype.rb</td>
<td>lib/ruby/2.3.0/xmldoctype.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmltext.rb</td>
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<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlattribute.rb</td>
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<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlcdat.rb</td>
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<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlfunctions.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlsyncenumberator.rb</td>
<td>lib/ruby/2.3.0/xmlsyncenumberator.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmplxpathpraserb.rb</td>
<td>lib/ruby/2.3.0/xmlxmplxpathpraserb.rb</td>
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<td>lib/ruby/2.3.0/xmlxpath.rb</td>
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<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmlelement.rb</td>
<td>lib/ruby/2.3.0/xmlxmlelement.rb</td>
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<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmldecl.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmlcomment.rb</td>
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<tr>
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<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmloutput.rb</td>
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<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmlundefinednamespaceexception.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmlbaseparser.rb</td>
<td>lib/ruby/2.3.0/xmlxmlbaseparser.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmlstreamparser.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmlvalidation/validationexception.rb</td>
<td>lib/ruby/2.3.0/xmlxmlvalidation/validationexception.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmltreeparser.rb</td>
<td>lib/ruby/2.3.0/xmlxmltreeparser.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxml cuntent.rb</td>
<td>lib/ruby/2.3.0/xmlxml cuntent.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/vendor/portable-ruby/2.3.7/lib/ruby/2.3.0/xmlxmltime.rb</td>
<td>lib/ruby/2.3.0/xmlxmltime.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/unpack_strategy/air.rb</td>
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<tr>
<td>/usr/local/Homebrew/Library/Homebrew/unpack_strategy/directory.rb</td>
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</tbody>
</table>
[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

07/25/2021
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

<table>
<thead>
<tr>
<th>File Name</th>
<th>Size</th>
<th>Date</th>
<th>User</th>
</tr>
</thead>
<tbody>
<tr>
<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>
</tr>
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</table>