### 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>ruby 2.3.7p456 (2018-03-28 revision 63024) [universal.x86_64-darwin17]</td>
</tr>
<tr>
<td>Target version</td>
<td>Backport: 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 ------------------------------
```

```
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:000a8d 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: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/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:0002 p:0704 s:0017 E:000058 EVAL /usr/local/Homebrew/Library/Homebrew/brew.rb:91 [FINISH]
```

```
c:0001 p:0000 s:0002 E:001810 (none) [FINISH]
```

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

```
/usr/local/Homebrew/Library/Homebrew/brew.rb:91:in <main>
```

```
/usr/local/Homebrew/Library/Homebrew/cmd/upgrade.rb:86:in upgrade'
```

```
/usr/local/Homebrew/Library/Homebrew/cmd/upgrade.rb:332:in check_dependents'
```

```
/usr/local/Homebrew/Library/Homebrew/cmd/upgrade.rb:230:in broken_dependents'
```

```
/usr/local/Homebrew/Library/Homebrew/cache_store.rb:17:in use'
```

```
/usr/local/Homebrew/Library/Homebrew/cmd/upgrade.rb:231:in block in broken_dependents'
```

```
/usr/local/Homebrew/Library/Homebrew/cmd/upgrade.rb:231:in each'
```

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...
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

collected inputs:
[rubyruby]
[rubyruby]

Related issues:

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

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.