**Ruby master - Bug #16337**

**kernel_gem.rb:68 - ThreadError**

11/09/2019 04:35 AM - MSP-Greg (Greg L)

<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>hsbt (Hiroshi SHIBATA)</td>
</tr>
<tr>
<td>Target version:</td>
<td>ruby 2.7.0p0 (2019-12-25 revision 647ee6f091) [x86_64-linux]</td>
</tr>
<tr>
<td>Backport:</td>
<td>2.5: UNKNOWN, 2.6: UNKNOWN</td>
</tr>
</tbody>
</table>

**Description**

Found with ruby-loco CLI tests


> rake --version

Traceback (most recent call last):
  10: from bin/rake:23:in `<main>'
  9: from lib/ruby/2.7.0/rubygems.rb:301:in `activate_bin_path'
  8: from lib/ruby/2.7.0/rubygems.rb:301:in `synchronize'
  7: from lib/ruby/2.7.0/rubygems.rb:303:in `block in activate_bin_path'
  6: from lib/ruby/2.7.0/rubygems.rb:240:in `finish_resolve'
  5: from lib/ruby/2.7.0/rubygems/request_set.rb:435:in `resolve_current'
  4: from lib/ruby/2.7.0/rubygems/request_set.rb:435:in `new'
  3: from lib/ruby/2.7.0/rubygems/resolver/set.rb:24:in `initialize'
  2: from lib/ruby/2.7.0/rubygems/core_ext/kernel_require.rb:69:in `require'
  1: from lib/ruby/2.7.0/rubygems/core_ext/kernel_gem.rb:68:in `synchronize': deadlock; recursive locking (ThreadError)

**Associated revisions**

Revision fdfad905 - 11/09/2019 11:16 AM - hsbt (Hiroshi SHIBATA)

Revert "Promote uri to default gems"

This reverts commit c5b4d2a2592942766dc2789f46105b91eba7026a.

This commit affects with activation feature of RubyGems.

[Bug #16337][ruby-core:95768]

**History**

**#1 - 11/09/2019 07:22 AM - znz (Kazuhiro NISHIYAMA)**

rm $(gem env gemdir)/specifications/default/uri-0.10.0.gemspec is workaround.

But I don't know why.

**#2 - 11/09/2019 11:16 AM - hsbt (Hiroshi SHIBATA)**

- Status changed from Open to Closed

Applied in changeset git|fdfad905227a0e2e4c224d87181041fb75d5082e.

Revert "Promote uri to default gems"

This reverts commit c5b4d2a2592942766dc2789f46105b91eba7026a.

This commit affects with activation feature of RubyGems.

[Bug #16337][ruby-core:95768]

**#3 - 01/03/2020 03:58 PM - jkohen (Javier Kohen)**

- **ruby -v** changed from ruby 2.7.0dev (2019-11-09T02:08:24Z master 3528887b731) [x64-mingw32] to ruby 2.7.0p0 (2019-12-25 revision 647ee6f091) [x86_64-linux]

- Status changed from Closed to Open
I'm still seeing this on 2.7.0p0, even though it looks like it should have been fixed based on comment #2. The workaround in comment #1 still helps.

```
$ /opt/google-fluentd/embedded/bin/ruby --version
ruby 2.7.0p0 (2019-12-25 revision 647ee6f091) [x86_64-linux]
$ /opt/google-fluentd/embedded/bin/ruby /opt/google-fluentd/embedded/bin/rake --version
Traceback (most recent call last):
  10: from /opt/google-fluentd/embedded/lib/ruby/site_ruby/2.7.0/rubygems.rb::303::activate_bin_path
  8: from /opt/google-fluentd/embedded/lib/ruby/site_ruby/2.7.0/rubygems.rb::303::synchronize
  7: from /opt/google-fluentd/embedded/lib/ruby/site_ruby/2.7.0/rubygems.rb::305::block in activate_bin_path
  6: from /opt/google-fluentd/embedded/lib/ruby/site_ruby/2.7.0/rubygems.rb::242::finish_resolve
  5: from /opt/google-fluentd/embedded/lib/ruby/site_ruby/2.7.0/rubygems/request_set.rb::435::resolve
  4: from /opt/google-fluentd/embedded/lib/ruby/site_ruby/2.7.0/rubygems/request_set.rb::435::new
  3: from /opt/google-fluentd/embedded/lib/ruby/site_ruby/2.7.0/rubygems/resolver/set.rb::24::initialize
  2: from /opt/google-fluentd/embedded/lib/ruby/site_ruby/2.7.0/rubygems/core_ext/kernel_require.rb::42::require
  1: from /opt/google-fluentd/embedded/lib/ruby/site_ruby/2.7.0/rubygems/core_ext/kernel_gem.rb::67::synchronize::deadlock: recursive locking (ThreadError)
$ rm /opt/google-fluentd/embedded/lib/ruby/gems/2.7.0/specifications/default/uri-0.10.0.gemspec
$ /opt/google-fluentd/embedded/bin/ruby /opt/google-fluentd/embedded/bin/rake --version
rake, version 12.3.2
```

#4 - 02/14/2020 11:44 AM - hsbt (Hiroshi SHIBATA)
- Assignee set to hsbt (Hiroshi SHIBATA)
- Status changed from Open to Third Party's Issue

I couldn't reproduce it with my environment. Can you ask the maintainer of google-fluentd at first?

#5 - 02/21/2020 11:41 AM - deivid (David Rodríguez)
I guess this is because you're not using the latest rubygems. Could you run gem env version and check that you have a rubygems version older than 3.1?

You need to request upgrading rubygems to google-fluentd, maybe here: [https://github.com/GoogleCloudPlatform/google-fluentd/blob/269ade4d5609cd9ae59819bdddfe8977a52727ec72/config/projects/google-fluentd.rb#L19](https://github.com/GoogleCloudPlatform/google-fluentd/blob/269ade4d5609cd9ae59819bdddfe8977a52727ec72/config/projects/google-fluentd.rb#L19), although it would seem that they're using ruby 2.6 and you're on 2.7, so not sure.

#6 - 04/08/2020 02:20 AM - jkohen (Javier Kohen)
Sorry, I never got notifications about your posts. I was acting as the maintainer of google-fluentd, and trying to upgrade it to Ruby 2.7. My colleague will try upgrading rubygem. Thanks.

#7 - 04/08/2020 09:32 AM - deivid (David Rodríguez)
Great, let me know if you run into issues.