Ruby master - Bug #16926
Kernel#require does not load a feature twice when $LOAD_PATH has been modified spec fails only on 2.7

05/31/2020 03:55 PM - Eregon (Benoit Daloze)

Status: Closed
Priority: Normal
Assignee: hsbt (Hiroshi SHIBATA)
Target version: ruby -v: ruby 2.7.1p83 (2020-03-31 revision a0c7c23c9c) [x86_64-linux]
Backport: 2.5: DONTNEED, 2.6: DONTNEED, 2.7: DONE

Description
This spec:
https://github.com/ruby/spec/blob/03f9a0e2f9c23a12614ffb603f32cd971d79616e/core/kernel/shared/require.rb#L246-L251
fails in 2.7.1, but not on Ruby <= 2.6 and not on master.

Could someone investigate why that is and if the change is on purpose or a bug?
It sounds like a bug, because changing the last be_false to be_true then passes for Kernel#require but fails for Kernel.require.

Reproduce with:
$ Use ruby 2.7.1
$ cd ruby/spec
# remove ruby_bug guard in core/kernel/require_spec.rb
$ mspec core/kernel/require_spec.rb

Associated revisions
Revision 99b4f20f - 01/30/2021 11:43 AM - nagachika (Tomoyuki Chikanaga)
Merge RubyGems-3.1.6 [Bug #16926]
https://github.com/ruby/ruby/pull/4122

History
#1 - 05/31/2020 03:57 PM - Eregon (Benoit Daloze)
- Backport changed from 2.5: UNKNOWN, 2.6: UNKNOWN, 2.7: UNKNOWN to 2.5: DONTNEED, 2.6: DONTNEED, 2.7: REQUIRED

#2 - 06/08/2020 10:55 PM - jeremyevans0 (Jeremy Evans)
I bisected this, twice.
- First failing commit between 2.6 and 2.7 is dd16f8524c44f8802e634af2577fe5a149cd740e.
- First fixing commit between 2.7 and master is 96064e6f1ce100a37680dc8f9509f06b3350e9c8.

#3 - 06/09/2020 12:49 AM - nagachika (Tomoyuki Chikanaga)
Thank you for the bisecting.
I think it's hard to backport whole 96064e6f1ce100a37680dc8f9509f06b3350e9c8. Reverting dd16f8524c44f8802e634af2577fe5a149cd740e may fix this issue. I wonder dd16f8524c44f8802e634af2577fe5a149cd740e was the fix for another issues or not.
hsbt san, do you have any idea?

#4 - 06/09/2020 06:47 AM - vo.x (Vit Ondruch)
Just FTR, this seems to be related to #16904 and 1 in upstream, resolved by 2.

#5 - 06/09/2020 07:39 AM - deivid (David Rodriguez)
Yes, I think ideally we should release rubygems 3.1.5 with the fix, and backport that to ruby 2.7.2. What do you think, hsbt san?

#6 - 06/09/2020 09:37 AM - hsbt (Hiroshi SHIBATA)
- Assignee set to hsbt (Hiroshi SHIBATA)
- Status changed from Open to Assigned
#7 - 01/04/2021 08:47 AM - hsbt (Hiroshi SHIBATA)
- Backport changed from 2.5: DONTNEED, 2.6: DONTNEED, 2.7: REQUIRED to 2.5: DONTNEED, 2.6: DONTNEED, 2.7: DONE
- Status changed from Assigned to Closed

Applied at 9b884df6d918b0fdcc256d8a9feb1ac0d8a9042

#8 - 01/04/2021 12:25 PM - Eregon (Benoit Daloze)
hsbt (Hiroshi SHIBATA) That commit seems unrelated.

#9 - 01/04/2021 12:28 PM - hsbt (Hiroshi SHIBATA)
- Status changed from Closed to Assigned

Right, I missed to pick https://github.com/rubygems/rubygems/pull/3639 at RubyGems 3.1.5.

#10 - 01/26/2021 12:05 PM - hsbt (Hiroshi SHIBATA)
- Status changed from Assigned to Closed

I released RubyGems 3.1.6 https://blog.rubygems.org/2021/01/26/3.1.6-released.html

nagachika (Tomoyuki Chikanaga) Can you merge https://github.com/ruby/ruby/pull/4122 for Ruby 2.7.3?

#11 - 01/27/2021 02:02 AM - nagachika (Tomoyuki Chikanaga)
- Backport changed from 2.5: DONTNEED, 2.6: DONTNEED, 2.7: DONE to 2.5: DONTNEED, 2.6: DONTNEED, 2.7: REQUIRED

Thank you for your investigations!
I will take a look at it.

BTW, can I push merge button on GitHub PR into stable branches?

#12 - 01/30/2021 11:46 AM - nagachika (Tomoyuki Chikanaga)
- Backport changed from 2.5: DONTNEED, 2.6: DONTNEED, 2.7: REQUIRED to 2.5: DONTNEED, 2.6: DONTNEED, 2.7: DONE

Merged at https://github.com/ruby/ruby/commit/99b4f20fd65075d2d9ee02f8c7a6b5d6a914ce31