Ruby master - Bug #15084

Backport r64476

09/06/2018 05:23 PM - normalperson (Eric Wong)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
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<tbody>
<tr>
<td>Priority:</td>
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</tr>
<tr>
<td>Assignee:</td>
<td></td>
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<tr>
<td>Target version:</td>
<td></td>
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<tr>
<td>ruby -v:</td>
<td></td>
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<tr>
<td>Backport:</td>
<td>2.3: REQUIRED, 2.4: REQUIRED, 2.5: DONE</td>
</tr>
</tbody>
</table>

**Description**

This affects 2.4.4 as reported by Lars: [ruby-core:88852]

I expect it to affect all 2.x versions, even. [Bug #14999]

"thread_sync.c (rb_mutex_sleep): disable interrupt checking in ensure"

Should be straightforward despite the time representation difference (timespec vs timeval) between trunk and 2.[3-5]

**Associated revisions**

Revision 64476 - 08/19/2018 10:20 PM - normalperson (Eric Wong)

thread_sync.c (rb_mutex_sleep): disable interrupt checking in ensure

This is needed to reliably fix ConditionVariable#wait on Thread#kill [Bug #14999] because there is still a chance an interrupt could fire and prevent lock acquisition after an ensure statement.

Arguably, rb_mutex_lock itself should be uninterruptible, but that already prevents bootstrap/test_thread.rb from completing and probably breaks existing use cases.

For reference, POSIX expressly forbids EINTR from pthread_mutex_lock.

[ruby-core:88556] [Bug #14999]

Revision 9ab19d79 - 01/16/2019 12:04 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 64476: [Backport #15084]

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[ruby-core:88556] [Bug #14999]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_5@66837 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 66837 - 01/16/2019 12:04 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 64476: [Backport #15084]

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[ruby-core:88556] [Bug #14999]

History

#1 - 09/13/2018 08:45 AM - naruse (Yui NARUSE)
- Backport changed from 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN to 2.3: REQUIRED, 2.4: REQUIRED, 2.5: REQUIRED
- Status changed from Open to Closed

#2 - 01/16/2019 12:05 PM - nagachika (Tomoyuki Chikanaga)
- Backport changed from 2.3: REQUIRED, 2.4: REQUIRED, 2.5: REQUIRED to 2.3: REQUIRED, 2.4: REQUIRED, 2.5: DONE

ruby_2_5 r66837 merged revision(s) 64476.