

Ruby trunk - Bug #5355

Sync_m Bug #5195 Bug #5258

09/23/2011 11:53 AM - Glass_saga (Masaki Matsushita)

| | |
|--------------------------------------------------------------------------|------------------|
| Status: Closed | |
| Priority: Normal | |
| Assignee: kosaki (Motohiro KOSAKI) | |
| Target version: 2.0.0 | |
| ruby -v: ruby 1.9.4dev (2011-09-20 trunk 33301) [x86_64-linux] | Backport: |

Description

```
=begin
Sync_m Bug #5195 Bug #5258

require 'sync'

class Foo; include Sync_m; end

foo = Foo.new
foo.sync_lock(:EX)

t = Thread.new { foo.sync_lock(:EX) }

nil until t.stop?
p foo.sync_waiting

t.wakeup

nil until t.stop?
p foo.sync_waiting

#####

[##]
[#, #]

#####@sync_waiting Thread.current.push#####

require 'sync'

class Foo; include Sync_m; end

foo = Foo.new
foo.sync_lock(:SH)

t = Thread.start do
foo.sync_lock(:SH)
foo.sync_lock(:EX)
end

nil until t.stop?
p foo.sync_upgrade_waiting
p foo.sync_waiting

t.wakeup

nil until t.stop?
p foo.sync_upgrade_waiting
p foo.sync_waiting

#####
```

```
#.1
[]
#.1
[#]
#####
#####@sync_upgrade_waiting[]push#####
@sync_upgrade_waiting[]@sync_waiting[]Thread.current[]push#####
[] [] http://redmine.ruby-lang.org/issues/5258#note-2 #####
@waiting[]push#####

require 'sync'

class Foo; include Sync_m; end

foo = Foo.new
foo.sync_lock(:EX)

t = Thread.new { foo.sync_lock(:EX) }

nil until t.stop?
p foo.sync_waiting
t.raise
nil while t.alive?
p foo.sync_waiting

#####:

[#]
[#]

#####patch#####

=end
```

Related issues:

| | | |
|---------------------------------------------------------------------------------------|--------|------------|
| Related to Ruby trunk - Bug #5195: Queue#pop[]sleep#####thread[]wakeup#####Queue[]... | Closed | 08/16/2011 |
| Related to Ruby trunk - Bug #5258: SizedQueue[]Bug #5195##### | Closed | 09/01/2011 |
| Has duplicate Ruby trunk - Bug #6911: Sync_m#sync_unlock [] ThreadError #####... | Closed | 08/23/2012 |

Associated revisions

Revision 2248a8ce - 09/09/2012 11:34 AM - kosaki (Motohiro KOSAKI)

- lib/sync.rb (Sync_m#sync_lock): Fixed wakeup/raise unsafe code. Patched by Masaki Matsushita. [Bug #5355] [ruby-dev:44521]
- test/thread/test_sync.rb (test_sync_lock_and_wakeup, test_sync_upgrade_and_wakeup, test_sync_lock_and_raise): new test.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@36936 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 36936 - 09/09/2012 11:34 AM - kosaki (Motohiro KOSAKI)

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Revision 36936 - 09/09/2012 11:34 AM - kosaki (Motohiro KOSAKI)

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History

#1 - 12/30/2011 05:10 PM - ayumin (Ayumu AIZAWA)

- Assignee set to kosaki (Motohiro KOSAKI)

[#5258](#) Assign

#2 - 12/30/2011 05:18 PM - kosaki (Motohiro KOSAKI)

#3 - 03/18/2012 06:46 PM - shyouhei (Shyouhei Urabe)

- Status changed from Open to Assigned

#4 - 09/09/2012 08:34 PM - kosaki (Motohiro KOSAKI)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset [r36936](#).
Masaki, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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- test/thread/test_sync.rb (test_sync_lock_and_wakeup, test_sync_upgrade_and_wakeup, test_sync_lock_and_raise): new test.

#5 - 09/09/2012 08:51 PM - kosaki (Motohiro KOSAKI)

#5195 timeout module exception ensure

Files

| | | | |
|------------|---------|------------|--------------------------------|
| patch.diff | 1.16 KB | 09/23/2011 | Glass_saga (Masaki Matsushita) |
|------------|---------|------------|--------------------------------|