

Ruby - Bug #5355

Sync_m Bug #5195 Bug #5258

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

Status:	Closed	Backport:
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]	

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

#####

[Thread:0x00000001936858 sleep>]
[Thread:0x00000001936858 sleep>, Thread:0x00000001936858 sleep>]

#####@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

#####
```

#<Thread:0x000000015e04d8 sleep>. 1

[]

#<Thread:0x000000015e04d8 sleep>. 1

[#<Thread:0x000000015e04d8 sleep>]

```

@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:

```
[#<Thread:0x00000000e498f0 sleep>]
[#<Thread:0x00000000e498f0 dead>]
```

```
patch
```

=end

Related issues:

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

Associated revisions

Revision 2248a8ce643509577dd29988f5ea1e662f4aaa65 - 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 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.

History

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

- Assignee set to kosaki (Motohiro KOSAKI)

[#5258](#) 変更をAssign

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

問題が解決したのでClose

#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.

- 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.

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

[#5195](#) timeout moduleでexceptionをensureで囲む

Files

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