

## Ruby 1.8 - Bug #2092

### Possible deadlocks and/or performance issues with Queue

09/12/2009 09:49 PM - quix (James M. Lawrence)

<b>Status:</b>	Assigned
<b>Priority:</b>	Normal
<b>Assignee:</b>	ko1 (Koichi Sasada)
<b>Target version:</b>	
<b>ruby -v:</b>	ruby 1.9.2dev (2009-09-11 trunk 24854) [-darwin9.6.0]

#### Description

```
=begin
% patch -p0 < test_queue.patch
patching file test/ruby/test_queue.rb

% ./ruby -v -I./lib test/ruby/test_queue.rb
ruby 1.9.2dev (2009-09-11 trunk 24854) [-darwin9.6.0]
Loaded suite test/ruby/test_queue
Started
E.
Finished in 15.167120 seconds.

1) Error:
test_queue(TestQueue):
fatal: deadlock detected
test/ruby/test_queue.rb:25:in join'
test/ruby/test_queue.rb:25:ingrind'
test/ruby/test_queue.rb:6:in `test_queue'

2 tests, 2 assertions, 0 failures, 1 errors, 0 skips

% ./ruby -v -I./lib test/ruby/test_queue.rb
ruby 1.9.2dev (2009-09-11 trunk 24854) [-darwin9.6.0]
Loaded suite test/ruby/test_queue
Started
.E
Finished in 8.000856 seconds.

1) Error:
test_sized_queue(TestQueue):
fatal: deadlock detected
test/ruby/test_queue.rb:25:in join'
test/ruby/test_queue.rb:25:ingrind'
test/ruby/test_queue.rb:10:in `test_sized_queue'

2 tests, 2 assertions, 0 failures, 1 errors, 0 skips

% ./ruby -v -I./lib test/ruby/test_queue.rb
ruby 1.9.2dev (2009-09-11 trunk 24854) [-darwin9.6.0]
Loaded suite test/ruby/test_queue
Started
..
Finished in 13.836362 seconds.

2 tests, 4 assertions, 0 failures, 0 errors, 0 skips

% patch -p0 < queue_ruby19.patch
patching file lib/thread.rb

% ./ruby -v -I./lib test/ruby/test_queue.rb
ruby 1.9.2dev (2009-09-11 trunk 24854) [-darwin9.6.0]
Loaded suite test/ruby/test_queue
```

```
Started
..
Finished in 2.219603 seconds.

2 tests, 4 assertions, 0 failures, 0 errors, 0 skips

% ./ruby -v -I./lib test/ruby/test_queue.rb
ruby 1.9.2dev (2009-09-11 trunk 24854) [-darwin9.6.0]
Loaded suite test/ruby/test_queue
Started
..
Finished in 2.199855 seconds.

2 tests, 4 assertions, 0 failures, 0 errors, 0 skips

==1.8=====
% patch -p0 < test_queue.patch
patching file test/ruby/test_queue.rb

% ./ruby -v -I./lib test/ruby/test_queue.rb
ruby 1.8.8dev (2009-09-10 revision 24829) [i386-darwin9.6.0]
Loaded suite test/ruby/test_queue
Started
..
Finished in 5.769853 seconds.

2 tests, 4 assertions, 0 failures, 0 errors

% patch -p0 < queue_ruby18.patch
patching file lib/thread.rb

% ./ruby -v -I./lib test/ruby/test_queue.rb
ruby 1.8.8dev (2009-09-10 revision 24829) [i386-darwin9.6.0]
Loaded suite test/ruby/test_queue
Started
..
Finished in 3.08989 seconds.

2 tests, 4 assertions, 0 failures, 0 errors
=end
```

## History

### #1 - 01/13/2010 01:09 AM - naruse (Yui NARUSE)

- Category set to core
- Status changed from Open to Assigned
- Assignee set to ko1 (Koichi Sasada)

=begin

=end

### #2 - 04/16/2010 08:17 PM - mame (Yusuke Endoh)

- Status changed from Assigned to Closed
- % Done changed from 0 to 100

=begin

This issue was solved with changeset r27356.  
James, thank you for reporting this issue.  
Your contribution to Ruby is greatly appreciated.  
May Ruby be with you.

=end

### #3 - 04/16/2010 08:20 PM - mame (Yusuke Endoh)

- Status changed from Closed to Open

=begin

Hi,

I think that this is certainly a race condition bug and that the patch fixes this problem correctly.

I have already imported the patch into trunk. I move the ticket to 1.8 subproject.

Thank you!

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Yusuke Endoh [mame@tsg.ne.jp](mailto:mame@tsg.ne.jp)

=end

**#4 - 09/14/2010 04:16 PM - shyouhei (Shyouhei Urabe)**

- Status changed from Open to Assigned

=begin

=end

## Files

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test_queue.patch	1.03 KB	09/12/2009	quix (James M. Lawrence)
queue_ruby19.patch	1.43 KB	09/12/2009	quix (James M. Lawrence)
queue_ruby18.patch	663 Bytes	09/12/2009	quix (James M. Lawrence)