

Backport187 - Backport #2092

Possible deadlocks and/or performance issues with Queue

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

Status:	Closed
Priority:	Normal
Assignee:	ko1 (Koichi Sasada)
Description	
<pre>=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:in grind' 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:in grind' 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.</pre>	

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
=end

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

- Status changed from Open to Assigned

=begin

=end

#5 - 07/15/2019 03:19 PM - jeremyevans0 (Jeremy Evans)

- ruby -v deleted (ruby 1.9.2dev (2009-09-11 trunk 24854) [-darwin9.6.0])

- Status changed from Assigned to Closed

- Description updated

- Project changed from Ruby 1.8 to Backport187

- Tracker changed from Bug to Backport

Files

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)