

Ruby - Bug #9343

[PATCH] SizedQueue#max= wakes up waiters properly

01/02/2014 04:25 PM - normalperson (Eric Wong)

Status:	Closed	Backport: 1.9.3: DONTNEED, 2.0.0: DONTNEED, 2.1: DONE
Priority:	Normal	
Assignee:	ko1 (Koichi Sasada)	
Target version:	2.2.0	
ruby -v:	-	

Description

We were accessing the wrong array and trying to wake up elements stored in the queue :x

\$ git pull git://80x24.org/ruby.git szqmaxset-wakeup

The following changes since commit d1cc0ebb38a23feb37bb16ff2df3137c3cead069:

mkrunnable.rb: fix DLL path on Windows (2014-01-02 02:41:06 +0000)

are available in the git repository at:

git://80x24.org/ruby.git szqmaxset-wakeup

for you to fetch changes up to 9932853dec14a4f62606098d452da80a54bf9ecc:

SizedQueue#max= wakes up waiters properly (2014-01-02 07:22:02 +0000)

Eric Wong (1):

SizedQueue#max= wakes up waiters properly

ext/thread/thread.c | 2 +-
test/thread/test_queue.rb | 7 +++++++
2 files changed, 8 insertions(+), 1 deletion(-)

Associated revisions

Revision 2d603f9feecabd7be00ed0ae4166d987c6a046e4 - 02/05/2014 11:35 PM - Eric Wong

ext/thread: SizedQueue#max= wakes up waiters properly

```
* ext/thread/thread.c (rb_szqueue_max_set): use correct queue and
  limit wakeups. [Bug #9343][ruby-core:60517]
* test/thread/test_queue.rb (test_sized_queue_assign_max):
  test for bug
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@44852 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 2d603f9f - 02/05/2014 11:35 PM - Eric Wong

ext/thread: SizedQueue#max= wakes up waiters properly

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* ext/thread/thread.c (rb_szqueue_max_set): use correct queue and
  limit wakeups. [Bug #9343][ruby-core:60517]
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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@44852 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 0de6eef3d2551974f9f48af0298d3c415c4e7727 - 02/06/2014 07:24 AM - naruse (Yui NARUSE)

merge revision(s) 44852: [Backport #9343]

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  limit wakeups. [Bug #9343][ruby-core:60517]
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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_1@44863 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 0de6eef3 - 02/06/2014 07:24 AM - naruse (Yui NARUSE)

merge revision(s) 44852: [Backport #9343]

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* ext/thread/thread.c (rb_sized_queue_max_set): use correct queue and  
  limit wakeups. [Bug #9343] [ruby-core:60517]
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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_1@44863 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 01/06/2014 03:31 PM - ko1 (Koichi Sasada)

- Assignee set to ko1 (Koichi Sasada)

#2 - 02/05/2014 03:10 PM - ko1 (Koichi Sasada)

sorry for long absent.

I reviewed this patch and I have a question.
Only `diff` threads should wake-up?

```
Index: thread.c  
=====
```

```
--- thread.c (revision 44833)  
+++ thread.c (working copy)  
@@ -437,7 +437,7 @@  
     diff = max - GET_SZQUEUE_ULONGMAX(self);  
     }  
     RSTRUCT_SET(self, SZQUEUE_MAX, vmax);  
-   while (diff > 0 && !NIL_P(t = rb_ary_shift(GET_QUEUE_QUE(self)))) {  
+   while (diff-- > 0 && !NIL_P(t = rb_ary_shift(GET_SZQUEUE_WAITERS(self)))) {  
     rb_thread_wakeup_alive(t);  
     }  
     return vmax;
```

#3 - 02/05/2014 05:53 PM - normalperson (Eric Wong)

ko1@atdot.net wrote:

sorry for long absent.

No worries, I forgot about this, too :x

I reviewed this patch and I have a question.
Only `diff` threads should wake-up?

Yes, your patch looks correct. Old thread.rb had "diff.times do"

#4 - 02/05/2014 11:03 PM - ko1 (Koichi Sasada)

- ruby -v changed from ruby 2.2.0dev (2014-01-02 trunk 44484) [x86_64-linux] to -

(2014/02/06 2:53), normalperson@yhbt.net wrote:

Yes, your patch looks correct. Old thread.rb had "diff.times do"

All right.

Could you commit it?

--

// SASADA Koichi at atdot dot net

#5 - 02/05/2014 11:35 PM - Anonymous

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

Applied in changeset r44852.

ext/thread: SizedQueue#max= wakes up waiters properly

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* ext/thread/thread.c (rb_squeue_max_set): use correct queue and
  limit wakeups. [Bug #9343] \[ruby-core:60517\]
* test/thread/test_queue.rb (test_sized_queue_assign_max):
  test for bug
```

#6 - 02/05/2014 11:44 PM - normalperson (Eric Wong)

SASADA Koichi ko1@atdot.net wrote:

Could you commit it?

Done, r44852. This needs a backport to 2.1

#7 - 02/06/2014 12:32 AM - drbrain (Eric Hodel)

- Backport changed from 1.9.3: UNKNOWN, 2.0.0: UNKNOWN, 2.1: UNKNOWN to 1.9.3: DONTNEED, 2.0.0: DONTNEED, 2.1: REQUIRED

Update backport status

#8 - 02/21/2014 03:17 PM - naruse (Yui NARUSE)

- Backport changed from 1.9.3: DONTNEED, 2.0.0: DONTNEED, 2.1: REQUIRED to 1.9.3: DONTNEED, 2.0.0: DONTNEED, 2.1: DONE

Files

0001-SizedQueue-max-wakes-up-waiters-properly.patch	1.44 KB	01/02/2014	normalperson (Eric Wong)
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