

Backport200 - Backport #8065

r39688 - test_queue.rb (test_thr_kill): reduce iterations from 2000 to 250. □□□□□□

03/10/2013 01:46 PM - kosaki (Motohiro KOSAKI)

Status:	Closed	
Priority:	Normal	
Assignee:	nagachika (Tomoyuki Chikanaga)	
Description On uniprocessor systems test_thr_kill sometimes fails with the following error message. total_count.times do i open("test_thr_kill_count", "w") { f f.puts i } queue = Queue.new r, w = IO.pipe th = Thread.start { queue.push(nil) r.read 1 } queue.pop th.kill th.join end The error message is Thread.start Queue.pop Queue.push r.read gvl_release() th.kill -> ubf_select -> pthread_kill(SIGVTALARM) th.join read(2) msec timer thread SIGVTALARM read() 30sec/300 [Bug #7521]		
Related issues:		
Related to Ruby master - Bug #7521: test_thr_kill(TestQueue) fails		Closed 12/06/2012

Associated revisions

Revision 91e37180 - 03/11/2013 03:57 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 39688: [Backport #8065]

```
* test/thread/test_queue.rb (TestQueue#test_thr_kill): reduce
iterations from 2000 to 250. When running on uniprocessor
systems, every th.kill needs TIME_QUANTUM_USEC time (i.e.
100msec on posix systems). Because, "r.read 1" is 3 steps
operations that 1) release GVL 2) read 3) acquire gvl and
(1) invoke context switch to main thread. and then, main
thread's th.kill resume (1), but not (2). Thus read interrupt
need TIME_QUANTUM_USEC. Then maximum iteration is 30sec/100msec
= 300.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_0_0@39728 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 39728 - 03/11/2013 03:57 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 39688: [Backport #8065]

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History

#1 - 03/12/2013 12:57 AM - nagachika (Tomoyuki Chikanaga)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset [r39728](#).

Motohiro, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

merge revision(s) 39688: [Backport [#8065](#)]

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