Ruby trunk - Bug #1066

Frequent failure: test_io.rb test 2 on OS X 10.5.6

01/28/2009 09:48 PM - mikestok (Mike Stok)

Status:	Rejected		
Priority:	Normal		
Assignee:	nobu (Nobuyoshi Nakada)		
Target version:	2.0.0		
ruby -v:	-	**Backport:**	

Description

=begin
Many times when I build the ruby trunk downloaded from http://svn.ruby-lang.org/repos/ruby/trunk the test_io.rb output is:

test_io.rb .F....................................

and at the end of the tests there is this failure message:

#223 test_io.rb:11:in `':
begin
require "io/nonblock"
r, w = IO.pipe
w.nonblock = true
w.write_nonblock("a" * 100000)
w.nonblock = false
t1 = Thread.new { w.write("b" * 4096) }
t2 = Thread.new { w.write("c" * 4096) }
sleep 0.5
r.sysread(4096).length
sleep 0.5
r.sysread(4096).length
t1.join
t2.join
rescue LoadError
end
#=> not finished in 10 seconds [ruby-dev:32566]
FAIL 1/928 tests failed
make: *** [btest-ruby] Error 1

Maybe one time in twenty it succeeds, but I have not tried to check whether this is revision dependent. The latest revision I tested and which failed the test was 21852
=end

Related issues:

Related to Ruby trunk - Bug #2008: test_io.rb: test 2 fails on FreeBSD	**Closed**	**08/27/2009**
Has duplicate Ruby trunk - Bug #1093: make test fails	**Closed**	**02/03/2009**

History

#1 - 01/28/2009 10:08 PM - yugui (Yuki Sonoda)

- Target version changed from 1.9.1 to 2.0.0

=begin

=end

#2 - 01/29/2009 05:17 AM - rogerdpack (Roger Pack)

=begin
may be related to
http://redmine.ruby-lang.org/issues/show/703
=end

#3 - 02/02/2009 12:25 PM - ko1 (Koichi Sasada)

- Assignee set to akr (Akira Tanaka)

- ruby -v set to -

=begin

=end

#4 - 02/03/2009 05:50 PM - akr (Akira Tanaka)

- File 0 added

=begin

=end

#5 - 02/06/2009 01:33 PM - akr (Akira Tanaka)

- Assignee deleted (akr (Akira Tanaka))

=begin
I couldn't find a problem in the test case.
So I think this is a Ruby bug.

However I cannot reproduce the problem on my GNU/Linux environment.
So assignment cleared.
=end

#6 - 02/06/2009 01:35 PM - akr (Akira Tanaka)

- Status changed from Open to Closed

=begin

=end

#7 - 03/16/2009 12:43 AM - pedz (Perry Smith)

=begin
I got this also. I'm on Mac 10.5.6 running ruby 1.9.1p0 (2009-01-30 revision 21907) [i386-darwin9.6.0]

I don't understand what this test is trying to test. It does not make any sense to me. You fill the pipe with a's. So, the pipe is full. Then you try to write 4096 b's and 4096 c's. That is in blocking mode so it is going to block until there is space. You read only 8192 of space but the pipe may not be back enabled until you read more than that. I would read one byte at a time. Ignore the a's and count the b's and c's until it goes empty, then see if you got 4096 b's and c's.

```
assert_finish 10, %q{
begin
require "io/nonblock"
r, w = IO.pipe
w.nonblock = true
w.write_nonblock("a" * 100000)
w.nonblock = false
t1 = Thread.new { w.write("b" * 4096) }
t2 = Thread.new { w.write("c" * 4096) }
b_count = 0
c_count = 0
while c = r.sysread(1)
b_count += 1 if c == "b"
c_count += 1 if c == "c"
break if b_count == 4096 && c_count == 4096
end
t1.join
t2.join
rescue LoadError
end
}, '[ruby-dev:32566]'
```

=end

#8 - 06/19/2009 11:14 AM - mikestok (Mike Stok)

=begin
This failure still happens with ruby 1.9.2dev (2009-06-19 trunk 23741) [i386-darwin9.7.0] on OS X 10.5.7

ratdog:~ mike$ uname -a
Darwin ratdog.local 9.7.0 Darwin Kernel Version 9.7.0: Tue Mar 31 22:52:17 PDT 2009; root:xnu-1228.12.14~1/RELEASE_I386 i386

=end

#9 - 10/28/2009 03:10 AM - naruse (Yui NARUSE)

- Status changed from Closed to Feedback

=begin
Mike, this problem still reproduce?
=end

#10 - 11/29/2009 09:52 AM - ujihisa (Tatsuhiro Ujihisa)

- Assignee set to nobu (Nobuyoshi Nakada)

=begin

=end

#11 - 06/26/2011 04:08 PM - kosaki (Motohiro KOSAKI)

At least, My Mac OS X 10.6.7 can't reproduce this issue.

#12 - 08/08/2011 09:08 PM - kosaki (Motohiro KOSAKI)

- Status changed from Feedback to Rejected

I close this as Rejected since no feedback provided.
Please upgrade your OS.

Files

0	2.27 KB	02/03/2009		akr (Akira Tanaka)