

## Ruby trunk - Bug #7420

### Writable pipe and timeout tests are failing (MinGW)

11/22/2012 05:47 AM - luislavena (Luis Lavena)

|   |                  |
|---|------------------|
| <b>Status:</b> Closed   |                  |
| <b>Priority:</b> Normal   |                  |
| <b>Assignee:</b> nobu (Nobuyoshi Nakada)  |                  |
| <b>Target version:</b> 2.0.0  |                  |
| <b>ruby -v:</b> ruby 2.0.0dev (2012-11-22 trunk 37790) [i386-mingw32]   | <b>Backport:</b> |
| <b>Description</b>  |                  |
| =begin  |                  |
| The tests added in r37785, associated with Feature <a href="#">#4646</a> might require a guard against Windows because are failing in the Windows CI:   |                  |
| <a href="http://ci.rubyinstaller.org/job/ruby-trunk-x64-test-all/246/console">http://ci.rubyinstaller.org/job/ruby-trunk-x64-test-all/246/console</a><br><a href="http://ci.rubyinstaller.org/job/ruby-trunk-x86-test-all/346/console">http://ci.rubyinstaller.org/job/ruby-trunk-x86-test-all/346/console</a>  |                  |
| 1) Error:<br>test_wait_writable_EPIPE(TestIOWait):<br>Errno::EWOULDBLOCK: A non-blocking socket operation could not be completed immediately. - write would block<br>C:/Users/Luis/Code/ruby/ruby/test/io/wait/test_io_wait.rb:103:in write_nonblock'<br>C:/Users/Luis/Code/ruby/ruby/test/io/wait/test_io_wait.rb:103:infill_pipe'<br>C:/Users/Luis/Code/ruby/ruby/test/io/wait/test_io_wait.rb:87:in `test_wait_writable_EPIPE'     |                  |
| 2) Error:<br>test_wait_writable_timeout(TestIOWait):<br>Errno::EWOULDBLOCK: A non-blocking socket operation could not be completed immediately. - write would block<br>C:/Users/Luis/Code/ruby/ruby/test/io/wait/test_io_wait.rb:103:in write_nonblock'<br>C:/Users/Luis/Code/ruby/ruby/test/io/wait/test_io_wait.rb:103:infill_pipe'<br>C:/Users/Luis/Code/ruby/ruby/test/io/wait/test_io_wait.rb:80:in `test_wait_writable_timeout' |                  |
| =end  |                  |

#### Associated revisions

##### Revision 2f80fdda - 11/29/2012 08:11 AM - nobu (Nobuyoshi Nakada)

test\_io\_wait.rb: Bug #7420

- test/io/wait/test\_io\_wait.rb (TestIOWait#fill\_pipe): Errno::EWOULDBLOCK may not be the same as Errno::EAGAIN. patch by phasis68 (Heesob Park) at [ruby-core:49894]. [Bug #7420]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@37984 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

##### Revision 37984 - 11/29/2012 08:11 AM - nobu (Nobuyoshi Nakada)

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## History

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### #1 - 11/23/2012 11:54 AM - phasis68 (Heesob Park)

As I know, Errno::EWOULDBLOCK is not the same as Errno::EAGAIN on Windows.

Here is a patch:

```
diff --git a/test_io_wait.rb b/test_io_wait.rb.new
index 676809c..c322efd 100644
--- a/test_io_wait.rb
+++ b/test_io_wait.rb.new
@@ -101,7 +101,7 @@ private
buf = " " * 4096
begin
written += @w.write_nonblock(buf)
```

- rescue Errno::EAGAIN
- rescue Errno::EAGAIN,Errno::EWOULDBLOCK return written end while true end

### #2 - 11/23/2012 07:28 PM - nobu (Nobuyoshi Nakada)

Thank you for the pointing out.

Since SystemCallError.=== matches by the errno values, so it works on platforms where they are just aliases, but EAGAIN and EWOULDBLOCK were actually different on Windows.

Should Errno::EAGAIN match an instance of Errno::EWOULDBLOCK on every platforms where those are defined?

### #3 - 11/29/2012 05:11 PM - nobu (Nobuyoshi Nakada)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r37984.

Luis, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

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