

Ruby master - Bug #6965

Random test failure for test_pstore_files_are_accessed_as_binary_files

09/03/2012 01:00 AM - h.shirosaki (Hiroshi Shirosaki)

Status:	Closed	
Priority:	Normal	
Assignee:	nobu (Nobuyoshi Nakada)	
Target version:	2.0.0	
ruby -v:	ruby 2.0.0dev (2012-09-01 trunk 36875) [i386-mingw32]	Backport:

Description

=begin
test_pstore_files_are_accessed_as_binary_files(PStoreTest) sometime fails on ci.rubyinstaller.org.

2) Error:

```
test_pstore_files_are_accessed_as_binary_files(PStoreTest):  
IOError: stream closed  
C:/Users/Worker/Jenkins/workspace/ruby-trunk-x64-build/test/ruby/envutil.rb:60:in  
read'  
C:/Users/Worker/Jenkins/workspace/ruby-trunk-x64-build/test/ruby/envutil.rb:60:in  
block in invoke_ruby'  
C:/Users/Worker/Jenkins/workspace/ruby-trunk-x64-build/build/.ext/common/win32ole.rb:13:in  
call'  
C:/Users/Worker/Jenkins/workspace/ruby-trunk-x64-build/build/.ext/common/win32ole.rb:13:in  
block in initialize'
```

This happens on both i386-mingw32 and x64-mingw32 test-all jobs:

(([URL:http://ci.rubyinstaller.org/job/ruby-trunk-x86-test-all/14/console](http://ci.rubyinstaller.org/job/ruby-trunk-x86-test-all/14/console)))

(([URL:http://ci.rubyinstaller.org/job/ruby-trunk-x64-test-all/11/console](http://ci.rubyinstaller.org/job/ruby-trunk-x64-test-all/11/console)))

This seems due to timeout(10 seconds) since the test is slow (usually over 5s) on Windows with HDD disk.

```
make test-all TESTS="-v test_pstore.rb"
```

```
PStoreTest#test_pstore_files_are_accessed_as_binary_files = 8.33 s = .
```

If other processes run in parallel, it would be possible to take time over 10s (timeout).

I confirmed same IOError: stream closed was raised on my local box by setting shorter timeout.

The reason of IOError: stream closed would be that the pipe is closed at ensure block in EnvUtil#invoke_ruby while a thread which reads from the pipe is alive.

If killing threads before closing pipe, Timeout::Error is shown.

It would be nice to know the cause of error easily if Timeout::Error was shown in the case of timeout.

And more longer timeout would be helpful not to fail this test for Windows.

I attached a patch. This increases timeout to 15s.

Luis Lavena also confirmed this patch helped when tested manually on the worker machine.

=end

Associated revisions

Revision 0dc94b8b - 09/04/2012 12:45 PM - shirosaki

test_pstore.rb: fix for timeout

- test/ruby/envutil.rb (EnvUtil#invoke_ruby): show Timeout::Error instead of IOError if the timeout has expired.

- test/test_pstore.rb
(PStoreTest#test_pstore_files_are_accessed_as_binary_files):
increase timeout because this test is slow on Windows.
[ruby-core:47402] [Bug #6965]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@36900 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 36900 - 09/04/2012 12:45 PM - shirosaki

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instead of IOError if the timeout has expired.
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History

#1 - 09/04/2012 09:45 PM - Anonymous

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

This issue was solved with changeset r36900.
Hiroshi, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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Files

fix_test_pstore.patch	1.19 KB	09/03/2012	h.shirosaki (Hiroshi Shirosaki)
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