Ruby master - Bug #5812

test-all is stuck on Windows

12/27/2011 09:13 AM - usa (Usaku NAKAMURA)

Status: Closed
Priority: Normal
Assignee: usa (Usaku NAKAMURA)
Target version: 2.0.0

ruby -v:
ruby 2.0.0dev (2011-12-26 trunk 34131)[x64-mswin64_100]

Description
以下の2つのテストがWindowsで刺さります。

test/ruby/test_thread.rb TestThreadGroup#test_thread_timer_and_interrupt
test/thread/test_queue.rb TestQueue#test_thr_kill

要するにIO#read中にThread#killしても終わらないことがあるわけですが、
しばらく頑張ってみたものの(thread_pthread.cからsignal_thread_listの仕組みを
持ってきてみるとか)修正できていないので、忘れないようにチケット化しておきます。

このままだと越年コース。

ちなみにtrunkのみならず1.9系全般で起きています。

Associated revisions

Revision 11de7c03 - 01/28/2012 12:51 AM - shirosaki

● test/zlib/test_zlib.rb (TestZlibGzipReader#test_reader_wrap): set binmode explicitly for fixing test error on Windows. This is consistent with
r34243. [ruby-dev:45149][Bug #5812]

Revision 34387 - 01/28/2012 12:51 AM - shirosaki

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Revision 494fd237 - 01/28/2012 12:51 AM - shirosaki

- thread_win32.c (rb_w32_wait_events_blocking): use
  ruby_thread_from_native() instead of GET_THREAD() because
  GET_THREAD() doesn't always return the current thread and
  WaitForMultipleObjects() at rb_w32_read() doesn't return by
  Thread#kill. This fixes TestQueue#test_thr_kill failure on
  Windows.

- thread_win32.c (rb_w32_wait_events): use ruby_thread_from_native()
  instead of GET_THREAD() for consistency with the above change.

- thread_win32.c (rb_w32_sleep): ditto.

- thread_win32.c (rb_w32_Sleep): ditto.
  [ruby-dev:45149] [Bug #5812]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@34388 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 34388 - 01/28/2012 12:51 AM - shirosaki

- thread_win32.c (rb_w32_wait_events_blocking): use
  ruby_thread_from_native() instead of GET_THREAD() because
  GET_THREAD() doesn't always return the current thread and
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  [ruby-dev:45149] [Bug #5812]

Revision 34388 - 01/28/2012 12:51 AM - shirosaki

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  ruby_thread_from_native() instead of GET_THREAD() because
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  [ruby-dev:45149] [Bug #5812]

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- thread_win32.c (rb_w32_wait_events): use ruby_thread_from_native() instead of GET_THREAD() for consistency with the above change.
Revision bb659206 - 01/28/2012 12:51 AM - shirosaki

- thread_win32.c (rb_w32_sleep): ditto.
- thread_win32.c (rb_w32_Sleep): ditto.
  [ruby-dev:45149] [Bug #5812]

Revision 34389 - 01/28/2012 12:51 AM - shirosaki

- test/ruby/test_thread.rb
  (TestThreadGroup#test_thread_timer_and_interrupt): skip exit status assertion because we cannot get signal status on Windows.
- win32/win32.c (CreateChild): create process group to receive the signal by GenerateConsoleCtrlEvent().
- win32/win32.c (kill): use CTRL_BREAK_EVENT instead of CTRL_C_EVENT if a process group is specified. CTRL_C_EVENT signal cannot be generated for process groups for the specification.
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Revision a65f6649 - 01/28/2012 12:51 AM - shirosaki

- win32/win32.c (rb_w32_read): fix an issue that $stdin.read doesn't terminate by CTRL-C on Windows. [ruby-dev:45149] [Bug #5812]

  git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@34390 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 34390 - 01/28/2012 12:51 AM - shirosaki

08/06/2021 5/7
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Revision e892c81c - 02/03/2012 07:17 AM - naruse (Yui NARUSE)
merge revision(s) 34040,34051,34063,34389,34402,34403:

r34040 | naruse | 2011-12-14 14:42:34 +0900 (Wed, 14 Dec 2011) | 1 line

Use pipe instead of $stdin.read.

```ruby
* test/ruby/envutil.rb (invoke_ruby): remove :timeout option before pass it to Kernel#spawn.

* test/ruby/test_thread.rb
  (TestThreadGroup#test_thread_timer_and_interrupt): skip exit status assertion because we cannot get signal status on Windows.

* win32/win32.c (CreateChild): create process group to receive the signal by GenerateConsoleCtrlEvent().

* win32/win32.c (kill): use CTRL_BREAK_EVENT instead of CTRL_C_EVENT if a process group is specified. CTRL_C_EVENT signal cannot be generated for process groups for the specification.
  [ruby-dev:45149] [Bug #5812]

* test/ruby/envutil.rb (EnvUtil.invoke_ruby): yield also child pid in block form.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@34426 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 01/23/2012 11:47 AM - h.shirosaki (Hiroshi Shirosaki)
- File thread_signal.patch added

Windows

Test-all-all

* TestThreadGroup#test_thread_timer_and_interrupt GenerateConsoleCtrlEvent(CTRL_C_EVENT) process group cannot receive CTRL+C signal.

Generates a CTRL+C signal. This signal cannot be generated for process groups. If dwProcessGroupId is nonzero, this function will succeed, but the CTRL+C signal will not be received by processes within the specified process group.

CTRL_BREAK_EVENT

http://blade.nagaokaut.ac.jp/cgi-bin/scat.rb/ruby/ruby-dev/18096
s.exited?, s.signaled?, s.stopped? は、WindowsではUnixのように取れないようなので、その部分のテストを修正しました。

http://bugs.ruby-lang.org/projects/ruby-trunk/repository/entry/win32/win32.c#L3893
if (stat_loc) *stat_loc = exitcode << 8;

statusの下位8bitは常に0になるように見えます。

TestQueue#test_thr_kill
Thread.new{read $r, w32_wait_events_blocking}$GET_THREAD(main thread)

ruby_thread_from_native
$GET_THREAD(ruby_thread_from_native)

ruby -e '$stdin.read'CTRL-Cruby
CTRL-CCTRL-C + Enter

test_thread_timer_and_interrupt
CTRL-CERROR_OPERATION_ABORTED?

CTRL-CReadFileERROR_OPERATION_ABORTEDretry

CTRL-Czlibbinmode
http://bugs.ruby-lang.org/projects/ruby-trunk/repository/revisions/34243

trunkmingw on Windows?
make test, make test-all
make test, make test-all

#2 - 01/27/2012 11:17 AM - usa (Usaku NAKAMURA)
commit

#3 - 01/28/2012 09:51 AM - Anonymous
Status changed from Assigned to Closed
% Done changed from 0 to 100

This issue was solved with changeset r34387.
Usaku, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

#3 - 01/28/2012 09:51 AM - Anonymous
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Files

| thread_signal.patch | 3.85 KB | 01/23/2012 | h.shirosaki (Hiroshi Shirosaki) |

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