

Backport200 - Backport #7826

test_setsid rarely fails with Errno::ESRCH at Process.getsid(io.pid)

02/11/2013 09:59 PM - nagachika (Tomoyuki Chikanaga)

Status:	Closed
Priority:	Normal
Assignee:	nagachika (Tomoyuki Chikanaga)
Description	
<p>I've just encountered the following fault in make test-all.</p> <pre>[8077/13116] TestProcess#test_setsid = 0.06 s 2) Error: test_setsid(TestProcess): Errno::ESRCH: No such process /Users/nagachika/opt/ruby-trunk/src/ruby/test/ruby/test_process.rb:1592:in getsid' /Users/nagachika/opt/ruby-trunk/src/ruby/test/ruby/test_process.rb:1592:inblock in test_setsid' /Users/nagachika/opt/ruby-trunk/src/ruby/test/ruby/test_process.rb:1581:in popen' /Users/nagachika/opt/ruby-trunk/src/ruby/test/ruby/test_process.rb:1581:intest_setsid'</pre> <p>I think child process could terminate before calling Process.getsid for its pid. how about the following patch? Process.kill in in ensure-clause guarantee the child process will be terminated.</p> <pre>diff --git a/test/ruby/test_process.rb b/test/ruby/test_process.rb index 96335c2..3a69580 100644 --- a/test/ruby/test_process.rb +++ b/test/ruby/test_process.rb @@ -1583,6 +1583,7 @@ class TestProcess < Test::Unit::TestCase newsid = Process.setsid Marshal.dump(newsid, STDOUT) STDOUT.flush • sleep EOS begin # test Process.getsid() w/o arg</pre>	

Associated revisions

Revision e4b77588 - 02/14/2013 08:01 PM - kosaki (Motohiro KOSAKI)

- test/ruby/test_process.rb (test_setsid): Added a workaround for MacOS X. Patch by nagachika. [Bug #7826] [ruby-core:52126]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@39245 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 39245 - 02/14/2013 08:01 PM - kosaki (Motohiro KOSAKI)

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Revision 77f603cb - 02/26/2013 03:22 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 39179,39245: [Backport #7826]

```
the process maybe already finished
* test/ruby/test_process.rb (test_setsid): Added a workaround for
  MacOS X. Patch by nagachika. [Bug #7826] [ruby-core:52126]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_0_0@39513 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 39513 - 02/26/2013 03:22 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 39179,39245: [Backport #7826]

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History

#1 - 02/12/2013 03:08 AM - kosaki (Motohiro KOSAKI)

- Status changed from Assigned to Closed

Sorry, my fault.

but I think it was already fixed at r39179. (thx narse-san)

#2 - 02/13/2013 12:05 AM - nagachika (Tomoyuki Chikanaga)

- Status changed from Closed to Open

- ruby -v changed from ruby 2.0.0dev (2012-12-30 trunk 38661) [x86_64-darwin10.8.0] to ruby 2.0.0dev (2013-02-11 trunk 39204) [x86_64-darwin10.8.0]

Sorry, I entered wrong ruby -v string. I encountered the fault with r39204.
So it may be another issue solved with r39179.

#3 - 02/13/2013 08:55 AM - kosaki (Motohiro KOSAKI)

- Status changed from Open to Assigned

#4 - 02/15/2013 05:01 AM - kosaki (Motohiro KOSAKI)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r39245.
Tomoyuki, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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- test/ruby/test_process.rb (test_setsid): Added a workaround for MacOS X. Patch by nagachika. [Bug #7826] [ruby-core:52126]

#5 - 02/15/2013 05:03 AM - kosaki (Motohiro KOSAKI)

Thanks nagachika-san.

I realized MacOS X's getsid() wrongly return ESRCH when target process is zombie. I fully agree your patch is good workaround and I committed it.

#6 - 02/27/2013 12:12 AM - nagachika (Tomoyuki Chikanaga)

- Tracker changed from Bug to Backport

- Project changed from Ruby master to Backport200

- Category deleted (test)

- Status changed from Closed to Assigned

- Assignee changed from kosaki (Motohiro KOSAKI) to nagachika (Tomoyuki Chikanaga)

r39179 and r39245 should be backported to 2.0.0.

#7 - 02/27/2013 12:22 AM - nagachika (Tomoyuki Chikanaga)

- Status changed from Assigned to Closed

This issue was solved with changeset [r39513](#).
Tomoyuki, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

merge revision(s) 39179,39245: [Backport [#7826](#)]

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