

Ruby - Feature #7082

Process.kill 0 in windows can return spurious success

09/28/2012 04:29 PM - rogerdpack (Roger Pack)

Status:	Open	
Priority:	Normal	
Assignee:		
Target version:		
Description		
<pre>a = IO.popen('ls ".","w') => #<IO:fd 4> a.pid => 2104 Process.kill 0, 2104 => 1 # should raise an exception since that process is dead now, shouldn't it? [it can be checked with GetExitCodeProcess != STILL_ACTIVE) ?</pre>		
Thanks! -r		

History

#1 - 09/28/2012 04:43 PM - rogerdpack (Roger Pack)

I see that the current way in windows somewhat mimic's how it operates in Unix (process is a zombie, so still responds to signals). If so, perhaps it would be nice to create a new method

Process.alive?(pid)

that would be useful in certain cases, like checking if a process is dead before closing streams to it.

So maybe change this to a feature request, if anybody can confirm the above.

Thanks.
-roger-

#2 - 09/28/2012 04:59 PM - usa (Usaku NAKAMURA)

- Tracker changed from Bug to Feature

#3 - 11/24/2012 08:38 AM - mame (Yusuke Endoh)

- Status changed from Open to Assigned
- Assignee set to usa (Usaku NAKAMURA)
- Target version set to 2.6

#4 - 10/21/2017 12:02 PM - usa (Usaku NAKAMURA)

- Status changed from Assigned to Open
- Assignee deleted (usa (Usaku NAKAMURA))

#5 - 10/21/2017 10:21 PM - rroybbbean (RRRoy BBBean)

Sorry to jump in, but this might help.

In the past, I have had problems with the 'kill' command on Windows 7, and I stopped using 'kill' on Windows over 4 years ago.

This problem with 'kill' was independent of Ruby. I found that 'kill' did not (always/sometimes) work from the bash/cygwin command line. No error. It just didn't work. I figured it was a just a windows thing.

I use the Windows Task Manager on Windows 7 to terminate processes instead. It always works.

I only mention this because the problem raised may be caused by underlying software libraries, and not Ruby.

On 10/21/2017 07:02 AM, usa@garbagecollect.jp wrote:

Issue [#7082](#) has been updated by usa (Usaku NAKAMURA).

Status changed from Assigned to Open
Assignee deleted (usa (Usaku NAKAMURA))

Feature [#7082](#): Process.kill 0 in windows can return spurious success
<https://bugs.ruby-lang.org/issues/7082#change-67433>

- Author: rogerdpack (Roger Pack)
 - Status: Open
 - Priority: Normal
 - Assignee:
 - Target version: next minor
-

```
a = IO.popen('ls ".'", 'w')
=> #<IO:fd 4>
a.pid
=> 2104
Process.kill 0, 2104
=> 1 # should raise an exception since that process is dead now, shouldn't it? [it can be checked with GetExitCodeProcess != STILL_ACTIVE] ?
```

Thanks!
-r

#6 - 12/25/2017 06:15 PM - naruse (Yui NARUSE)

- Target version deleted (2.6)