

Ruby master - Bug #12467

Open mode 'a' does not work for Process.spawn on Windows

06/07/2016 10:02 AM - yhara (Yutaka HARA)

Status: Third Party's Issue	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.3.0p0 (2015-12-25 revision 53290) [x64-mingw32]	Backport: 2.1: UNKNOWN, 2.2: UNKNOWN, 2.3: UNKNOWN

Description

Example:

```
spawn 'ruby -e "p Time.now"', [:out, :err] => ['log.txt', 'a']
sleep 1
spawn 'ruby -e "p Time.now"', [:out, :err] => ['log.txt', 'a']
sleep 1
p File.read('log.txt')
```

This program looks work correctly at first.

```
c:\>ruby spawn_bug.rb
"2016-06-07 18:47:25 +0900\n2016-06-07 18:28:17 +0900\n"
```

However, when I run it again, the log file is truncated like 'w' flag.

```
c:\>ruby spawn_bug.rb
"2016-06-07 18:47:38 +0900\n2016-06-07 18:28:17 +0900\n"
```

This is the same if I open the log file manually with File.open.

```
f = File.open('log.txt', 'a')
spawn 'ruby -e "p Time.now"', [:out, :err] => f
sleep 1
spawn 'ruby -e "p Time.now"', [:out, :err] => f
sleep 1
p File.read('log.txt')
```

I tried this on Windows 10. (Also confirmed this does not happen on Mac OS X 10.11 + ruby 2.2)

History

#1 - 07/19/2016 09:07 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Third Party's Issue

- Description updated

Windows does not provide append mode, but ruby emulates it.