

Ruby master - Bug #16413

Net::FTP#put

12/10/2019 06:37 AM - koshigoe (Masataka SUZUKI)

Status: Closed	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.6.5p114 (2019-10-01 revision 67812) [x86_64-darwin18]	Backport: 2.5: UNKNOWN, 2.6: UNKNOWN

Description

Net::FTP#storbinary conn.write conn.close

<https://github.com/ruby/ruby/blob/7be550d046c726c2a3aa625ceb260d9b2268fb5a/lib/net/ftp.rb#L683-L707>

Net::FTP#retrbinary conn.shutdown conn.close (ensure)

<https://github.com/ruby/ruby/blob/7be550d046c726c2a3aa625ceb260d9b2268fb5a/lib/net/ftp.rb#L629-L648>

FTP

```
$ docker run --rm \
-p 20-21:20-21 \
-p 21100-21110:21100-21110 \
-e FTP_USER=user \
-e FTP_PASS=pass \
-e PASV_ADDRESS=localhost \
-e PASV_MIN_PORT=21100 \
-e PASV_MAX_PORT=21110 \
fauria/vsftpd
```

Net::FTP#put

```
require 'net/ftp'

def upload
  ftp = Net::FTP.new
  ftp.read_timeout = 0.1
  ftp.passive = true
  ftp.connect('localhost')
  ftp.login('user', 'pass')

  i = 0
  ftp.put(__FILE__, '/uploaded', 1) do |data|
    i += 1
    raise 'Bomb' if i > 3
  end
end

rescue => e
  puts e.message
end

ensure
  unless ftp.closed?
    ftp.close
    puts 'closed.'
  end
end

11.times { upload }
```

```
puts 'wait'
loop {}
```

END

```
Bomb
closed.
Net::ReadTimeout with #<Socket:fd 11>
closed.
Net::ReadTimeout with #<Socket:fd 11>
closed.
Net::ReadTimeout with #<Socket:fd 11>
closed.
Net::ReadTimeout with #<Socket:fd 11>
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Net::ReadTimeout with #<Socket:fd 11>
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Net::ReadTimeout with #<Socket:fd 11>
closed.
Net::ReadTimeout with #<Socket:fd 11>
closed.
Net::ReadTimeout with #<Socket:fd 11>
closed.
Net::ReadTimeout with #<Socket:fd 11>
closed.
Net::ReadTimeout with #<Socket:fd 11>
closed.
wait
```

XXXXXXXXXXXXXXXXXXXX

```
$ lsof -i:21100-21110
```

COMMAND	PID	USER	FD	TYPE	DEVICE	SIZE/OFF	NODE	NAME
com.docke	1354	koshigoe	17u	IPv6	0x370c967258b56c15	0t0	TCP	*:21110 (LISTEN)
com.docke	1354	koshigoe	19u	IPv6	0x370c967258b543d5	0t0	TCP	*:21109 (LISTEN)
com.docke	1354	koshigoe	21u	IPv6	0x370c967258b56095	0t0	TCP	*:21108 (LISTEN)
com.docke	1354	koshigoe	23u	IPv6	0x370c967258b55515	0t0	TCP	*:21107 (LISTEN)
com.docke	1354	koshigoe	25u	IPv6	0x370c967258b53e15	0t0	TCP	*:21106 (LISTEN)
com.docke	1354	koshigoe	29u	IPv6	0x370c967258b571d5	0t0	TCP	*:21105 (LISTEN)
com.docke	1354	koshigoe	31u	IPv6	0x370c967256ed8e15	0t0	TCP	*:21104 (LISTEN)
com.docke	1354	koshigoe	33u	IPv6	0x370c967256edb095	0t0	TCP	*:21103 (LISTEN)
com.docke	1354	koshigoe	35u	IPv6	0x370c967256edaad5	0t0	TCP	*:21102 (LISTEN)
com.docke	1354	koshigoe	37u	IPv6	0x370c967256ed93d5	0t0	TCP	*:21101 (LISTEN)
com.docke	1354	koshigoe	39u	IPv6	0x370c967256ed9f55	0t0	TCP	*:21100 (LISTEN)
com.docke	1354	koshigoe	45u	IPv6	0x370c967256eda515	0t0	TCP	localhost:21105->localhost:61667 (ESTABLISHED)
com.docke	1354	koshigoe	47u	IPv6	0x370c967257775655	0t0	TCP	localhost:21109->localhost:61669 (ESTABLISHED)
com.docke	1354	koshigoe	49u	IPv6	0x370c967257772855	0t0	TCP	localhost:21107->localhost:61671 (ESTABLISHED)
com.docke	1354	koshigoe	51u	IPv6	0x370c9672434ea655	0t0	TCP	localhost:21104->localhost:61673 (ESTABLISHED)
com.docke	1354	koshigoe	53u	IPv6	0x370c9672434e9515	0t0	TCP	localhost:21106->localhost:61675 (ESTABLISHED)
com.docke	1354	koshigoe	55u	IPv6	0x370c967241a2b095	0t0	TCP	localhost:21110->localhost:61677 (ESTABLISHED)
com.docke	1354	koshigoe	57u	IPv6	0x370c967241a2b655	0t0	TCP	localhost:21102->localhost:61679 (ESTABLISHED)
com.docke	1354	koshigoe	59u	IPv6	0x370c967241a2c1d5	0t0	TCP	localhost:21100->localhost:61681 (ESTABLISHED)
com.docke	1354	koshigoe	61u	IPv6	0x370c96725927f995	0t0	TCP	localhost:21101->localhost:61683 (ESTABLISHED)
com.docke	1354	koshigoe	63u	IPv6	0x370c967259281095	0t0	TCP	localhost:21103->localhost:61689 (ESTABLISHED)
com.docke	1354	koshigoe	65u	IPv6	0x370c967258b55ad5	0t0	TCP	localhost:21108->localhost:61693 (ESTABLISHED)
ruby	75273	koshigoe	13u	IPv6	0x370c9672385ae1d5	0t0	TCP	localhost:61667->localhost:2

```

1105 (ESTABLISHED)
ruby      75273 koshigoe  14u IPv6 0x370c967256ed8855      0t0  TCP localhost:61669->localhost:2
1109 (ESTABLISHED)
ruby      75273 koshigoe  15u IPv6 0x370c967257773f55      0t0  TCP localhost:61671->localhost:2
1107 (ESTABLISHED)
ruby      75273 koshigoe  16u IPv6 0x370c9672434eac15      0t0  TCP localhost:61673->localhost:2
1104 (ESTABLISHED)
ruby      75273 koshigoe  17u IPv6 0x370c9672434e8f55      0t0  TCP localhost:61675->localhost:2
1106 (ESTABLISHED)
ruby      75273 koshigoe  18u IPv6 0x370c9672434e7855      0t0  TCP localhost:61677->localhost:2
1110 (ESTABLISHED)
ruby      75273 koshigoe  19u IPv6 0x370c967241a2aad5      0t0  TCP localhost:61679->localhost:2
1102 (ESTABLISHED)
ruby      75273 koshigoe  20u IPv6 0x370c967241a29995      0t0  TCP localhost:61681->localhost:2
1100 (ESTABLISHED)
ruby      75273 koshigoe  21u IPv6 0x370c96725927ee15      0t0  TCP localhost:61683->localhost:2
1101 (ESTABLISHED)
ruby      75273 koshigoe  22u IPv6 0x370c967259281c15      0t0  TCP localhost:61689->localhost:2
1103 (ESTABLISHED)
ruby      75273 koshigoe  23u IPv6 0x370c967258b56655      0t0  TCP localhost:61693->localhost:2
1108 (ESTABLISHED)

```

FTP 000(vsftpd)0000000000000000

```

sh-4.1# ps aux | grep '[v]sftpd'
root      1  0.0  0.0 11368  2440 ?        Ss   09:01   0:00 /bin/bash -ex /usr/sbin/run-vsftpd.sh
root      13  0.0  0.1  52184  3864 ?        S    09:01   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
nobody    3158  0.0  0.1  56584  3564 ?        Ss   09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
ftp       3160  0.0  0.0  56684  2432 ?        S    09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
nobody    3161  0.0  0.1  56584  3564 ?        Ss   09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
ftp       3163  0.0  0.0  56608  2432 ?        S    09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
nobody    3164  0.0  0.1  56584  3564 ?        Ss   09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
ftp       3166  0.0  0.0  56608  2432 ?        S    09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
nobody    3167  0.0  0.1  56584  3564 ?        Ss   09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
ftp       3169  0.0  0.0  56608  2432 ?        S    09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
nobody    3170  0.0  0.1  56584  3564 ?        Ss   09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
ftp       3172  0.0  0.0  56608  2432 ?        S    09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
nobody    3173  0.0  0.1  56584  3564 ?        Ss   09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
ftp       3175  0.0  0.0  56608  2432 ?        S    09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
nobody    3176  0.0  0.1  56584  3564 ?        Ss   09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
ftp       3178  0.0  0.0  56608  2432 ?        S    09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
nobody    3179  0.0  0.1  56584  3564 ?        Ss   09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
ftp       3181  0.0  0.0  56608  2432 ?        S    09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
nobody    3182  0.0  0.1  56584  3564 ?        Ss   09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
ftp       3184  0.0  0.0  56608  2432 ?        S    09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf
nobody    3185  0.0  0.1  56584  3564 ?        Ss   09:30   0:00 /usr/sbin/vsftpd /etc/vsftpd/vsftpd.conf

```

ftp	3187	0.0	0.0	56608	2432	?	S	09:30	0:00	/usr/sbin/vsftpd	/etc/vsftpd/vsftpd.conf
nobody	3188	0.0	0.1	56584	3564	?	Ss	09:30	0:00	/usr/sbin/vsftpd	/etc/vsftpd/vsftpd.conf
ftp	3190	0.0	0.0	56608	2432	?	S	09:30	0:00	/usr/sbin/vsftpd	/etc/vsftpd/vsftpd.conf

Associated revisions

Revision 5be34d6a - 12/16/2019 11:24 PM - naruse (Yui NARUSE)

ensure to close the data connection [Bug #16413]

History

#1 - 12/10/2019 09:58 AM - koshigoe (Masataka SUZUKI)

- Description updated

#2 - 12/10/2019 10:04 AM - koshigoe (Masataka SUZUKI)

- Description updated

#3 - 12/10/2019 10:26 AM - koshigoe (Masataka SUZUKI)

- ruby -v changed from ruby 2.6.4p104 (2019-08-28 revision 67798) [x86_64-darwin18] to ruby 2.6.5p114 (2019-10-01 revision 67812) [x86_64-darwin18]

- Subject changed from Net::FTP#put [REDACTED] CLOSE_WAIT to Net::FTP#put [REDACTED]

#4 - 12/10/2019 10:28 AM - naruse (Yui NARUSE)

[REDACTED]
<https://github.com/ruby/ruby/pull/2737> [REDACTED]

#5 - 12/10/2019 10:54 AM - koshigoe (Masataka SUZUKI)

[REDACTED]
[REDACTED]

#6 - 12/16/2019 11:25 PM - naruse (Yui NARUSE)

- Status changed from Open to Closed

Applied in changeset [git|5be34d6a3310065850c0c530db6936415124b5d9](https://github.com/ruby/ruby/commit/5be34d6a3310065850c0c530db6936415124b5d9).

ensure to close the data connection [Bug [#16413](#)]