

Backport191 - Backport #2473

Handle leak in TCPServer on Windows

12/11/2009 10:35 AM - TimWalters (Tim Walters)

Status:	Assigned
Priority:	Normal
Assignee:	yugui (Yuki Sonoda)
Description	
<pre>=begin</pre>	
<p>1. Run the following program on Windows (XP, haven't tried others) using Ruby 1.9.1p0:</p>	
<pre>require 'socket'</pre>	
<pre>server = TCPServer.open(2000)</pre>	
<pre>while (true)</pre>	
<pre>socket = server.accept</pre>	
<pre>cmd = socket.readline.chomp</pre>	
<pre>puts cmd</pre>	
<pre>socket.close</pre>	
<pre>end</pre>	
<p>1. Open the task manager, add "Handles" to the columns being viewed, and observe how many handles are being used.</p>	
<p>2. Open an irb window and execute the following lines:</p>	
<pre>s = TCPSocket.new('localhost', 2000)</pre>	
<pre>s.puts('foo')</pre>	
<p>1. In the task manager, note that the number of handles used by the first process has increased. Every time you connect, three handles are added; when you write and the socket is closed, only two are released.</p>	
<p>2. Try the same instructions using Ruby 1.8.2. All the handles are released, and there is no leak.</p>	
<pre>=end</pre>	

History

#1 - 12/11/2009 03:04 PM - usa (Usaku NAKAMURA)

- Status changed from Open to Assigned

- Assignee set to yugui (Yuki Sonoda)

```
=begin
```

It's fixed on trunk, in r25569.

Yugui, can you backport the first hunk of the changeset?

```
=end
```

#2 - 01/30/2010 10:22 PM - yugui (Yuki Sonoda)

- Category set to core

- Assignee changed from yugui (Yuki Sonoda) to usa (Usaku NAKAMURA)

```
=begin
```

I did not merge r24218 into ruby_1_9_1, so r25569 is not applicable.

Is the reported problem still reproducible? < unak

```
=end
```

#3 - 02/01/2010 12:19 AM - usa (Usaku NAKAMURA)

=begin
Sorry, I've mistaken.
Please backport the first hunk of *r25611*.
=end

#4 - 04/16/2010 06:29 PM - usa (Usaku NAKAMURA)

- Assignee changed from *usa (Usaku NAKAMURA)* to *yugui (Yuki Sonoda)*

=begin

=end