

Ruby trunk - Bug #9750

OpenSSL::SSL::SSLServer can not accept a Socket as it's first parameter

04/16/2014 05:42 PM - stelfox (Sam Stelfox)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:	2.2.0	
ruby -v:	ruby 2.2.0dev (2014-04-16 trunk 45603) [x86_64-linux]	Backport: 2.0.0: DONE, 2.1: DONE

Description

This could potentially be an issue with a lack of documentation, in which case this may be more appropriate as a feature request.

The first parameter of `OpenSSL::SSL::SSLServer#initialize` takes a `TCPServer` without any issue, however, when provided with an instance of `Socket` that has been created with `Socket::SOCK_STREAM` (so a standard TCP socket) it breaks with a "wrong argument type Array (expected File)" when attempting to accept a new client. I tracked this down to the difference in return values from `TCPServer#accept` (returns just a file descriptor) and `Socket#accept` (which returns an array of file descriptor and address info) and I believe it would be fairly easy to adjust the `SSLServer` to be able to handle both.

I've attached some sample standalone code that demonstrates the issue and has a work around based on a subclass'd version of `SSLServer` that can handle both `TCPServer` and `Socket` objects. The important lines are 45-58 as well as 85-86. Everything else is setup and support too get those running or are comments. When running without modification it will demonstrate the error. By swapping the comments on 85-86 you can use the adjusted version of `SSLServer#accept`.

Please let me know if there are any questions, or concerns. I'm happy to help in anyway around this issue.

Associated revisions

Revision 2dbae9b1 - 05/07/2014 12:48 PM - akr (Akira Tanaka)

- ext/openssl/lib/openssl/ssl.rb (`OpenSSL::SSL::SSLServer#accept`): Consider `Socket#accept` as well as `TCPServer#accept`. Reported by Sam Stelfox. [ruby-core:62064] [Bug #9750]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@45863 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 45863 - 05/07/2014 12:48 PM - akr (Akira Tanaka)

- ext/openssl/lib/openssl/ssl.rb (`OpenSSL::SSL::SSLServer#accept`): Consider `Socket#accept` as well as `TCPServer#accept`. Reported by Sam Stelfox. [ruby-core:62064] [Bug #9750]

Revision 45863 - 05/07/2014 12:48 PM - akr (Akira Tanaka)

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Revision 674b2526 - 06/27/2014 08:17 AM - usa (Usaku NAKAMURA)

merge revision(s) 45863,45871: [Backport #9750]

```
* ext/openssl/lib/openssl/ssl.rb (OpenSSL::SSL::SSLServer#accept):  
  Consider Socket#accept as well as TCPServer#accept.  
  Reported by Sam Stelfox. [ruby-core:62064] [Bug #9750]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_0_0@46579 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 46579 - 06/27/2014 08:17 AM - usa (Usaku NAKAMURA)

merge revision(s) 45863,45871: [Backport #9750]

```
* ext/openssl/lib/openssl/ssl.rb (OpenSSL::SSL::SSLServer#accept):  
  Consider Socket#accept as well as TCPServer#accept.  
  Reported by Sam Stelfox. [ruby-core:62064] [Bug #9750]
```

Revision 4c5d8beb - 06/29/2014 05:26 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) r45863,r45871: [Backport #9750]

```
* ext/openssl/lib/openssl/ssl.rb (OpenSSL::SSL::SSLServer#accept):  
  Consider Socket#accept as well as TCPServer#accept.  
  Reported by Sam Stelfox. [ruby-core:62064] [Bug #9750]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_1@46613 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 46613 - 06/29/2014 05:26 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) r45863,r45871: [Backport #9750]

```
* ext/openssl/lib/openssl/ssl.rb (OpenSSL::SSL::SSLServer#accept):  
  Consider Socket#accept as well as TCPServer#accept.  
  Reported by Sam Stelfox. [ruby-core:62064] [Bug #9750]
```

History

#1 - 05/07/2014 12:48 PM - akr (Akira Tanaka)

- Status changed from Open to Closed
- % Done changed from 0 to 100

Applied in changeset [r45863](#).

-
- ext/openssl/lib/openssl/ssl.rb (OpenSSL::SSL::SSLServer#accept): Consider Socket#accept as well as TCPServer#accept. Reported by Sam Stelfox. [ruby-core:62064] [Bug [#9750](#)]

#2 - 05/07/2014 03:36 PM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.0.0: UNKNOWN, 2.1: UNKNOWN to 2.0.0: REQUIRED, 2.1: REQUIRED

I think this introduces no incompatibility and should be backported.

#3 - 06/27/2014 08:18 AM - usa (Usaku NAKAMURA)

- Backport changed from 2.0.0: REQUIRED, 2.1: REQUIRED to 2.0.0: DONE, 2.1: REQUIRED

backported [r45863](#) and [r45871](#) into ruby_2_0_0 at r46579.

#4 - 06/29/2014 05:27 PM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.0.0: DONE, 2.1: REQUIRED to 2.0.0: DONE, 2.1: DONE

[r45863](#) and [r45871](#) were backported into ruby_2_1 branch at r46613.

Files

ssl_server_issue_example.rb

3.38 KB

04/16/2014

sstelfox (Sam Stelfox)