Ruby master - Bug #6766

Unable to run tests for different builds due fixed port for Net::HTTPS

07/22/2012 12:09 AM - luislavena (Luis Lavena)

| Status:    | Closed          |
| Priority:  | Normal          |
| Assignee:  | naruse (Yui NARUSE) |
| Target version: | 2.0.0 |
| ruby -v:   | ruby 2.0.0dev (2012-07-21 trunk 36487) [x64-mingw32] |

Description

=begin
Hello,

I found that `((test_https.rb))` uses a fixed port number to run its tests, which results in failures due Errno::EADDRINUSE sometimes due clash with another build in my system:

20) Error: 
test_verify_none(TestNetHTTPS):
Errno::EADDRINUSE: Only one usage of each socket address (protocol/network address/port) is normally permitted. - bind(2)
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in initialize'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:innew'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in block in create_listeners'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:ineach'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in create_listeners'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in listen'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:70:in initialize'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/httpserver.rb:45:ininitialize'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/test/net/http/test/ssl.rb:88:inlisten'

21) Error: 
test_timeout_during_SSL_handshake(TestNetHTTPS):
Errno::EADDRINUSE: Only one usage of each socket address (protocol/network address/port) is normally permitted. - bind(2)
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in initialize'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:innew'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in block in create_listeners'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:ineach'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in create_listeners'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in listen'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:70:in initialize'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/httpserver.rb:45:ininitialize'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/test/net/http/test/ssl.rb:88:inlisten'

22) Error: 
test_post(TestNetHTTPS):
Errno::EADDRINUSE: Only one usage of each socket address (protocol/network address/port) is normally permitted. - bind(2)
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in initialize'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:innew'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in block in create_listeners'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:ineach'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in create_listeners'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in listen'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:70:in initialize'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/httpserver.rb:45:ininitialize'
C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/test/net/http/test/ssl.rb:88:inlisten'

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23) Error:
  test_identity_verify_failure(TestNetHTTPS):
  Errno::EADDRINUSE: Only one usage of each socket address (protocol/network address/port) is normally permitted. - bind(2)
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in initialize'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in new'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in block in create_listeners'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in each'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in create_listeners'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in bind'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in listen'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:70:in initialize'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/sslserver.rb:45:in initialize'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:62:in listen'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:62:in listen'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:62:in listen'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/test/net/http/utils.rb:30:in `setup'

24) Error:
  test_get(TestNetHTTPS):
  Errno::EADDRINUSE: Only one usage of each socket address (protocol/network address/port) is normally permitted. - bind(2)
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in initialize'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in new'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in block in create_listeners'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in each'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in create_listeners'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in bind'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in listen'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:70:in initialize'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/sslserver.rb:45:in initialize'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:62:in listen'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:62:in listen'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:62:in listen'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/test/net/http/utils.rb:30:in `setup'

25) Error:
  test_certificate_verify_failure(TestNetHTTPS):
  Errno::EADDRINUSE: Only one usage of each socket address (protocol/network address/port) is normally permitted. - bind(2)
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in initialize'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in new'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:85:in block in create_listeners'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in each'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in create_listeners'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in bind'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/utils.rb:82:in listen'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:70:in initialize'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/sslserver.rb:45:in initialize'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:62:in listen'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:62:in listen'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/lib/webrick/server.rb:62:in listen'
  C:/Users/Worker/Jenkins/workspace/git-ruby-trunk/test/net/http/utils.rb:30:in `setup'

You can see the full log here:

http://ci.rubyinstaller.org/job/test-ruby-trunk-x64/15/console

I would like to suggest port configuration can be randomized based on Process.pid, that way avoiding clashes between two builds being executed at the same time.

Thoughts?

=end

Related issues:

Related to Ruby master - Bug #6059: Net/HTTPS tests: fixed port usage cause i...

Associated revisions

Revision 47837da - 07/21/2012 07:07 PM - naruse (Yui NARUSE)

Use 0 for webrick's port and get the actual port. [Bug #6766]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@36491 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 36491 - 07/21/2012 07:07 PM - naruse (Yui NARUSE)

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Revision 36877 - 09/01/2012 08:46 PM - naruse (Yui NARUSE)
Use 0 as port like #6766 [Bug #6959]

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Revision d3216922 - 11/15/2012 06:15 AM - usa (Usaku NAKAMURA)
merge revision(s) 36491,36877: [Backport #7320]

Revision 36491 - 07/21/2012 07:07 PM - naruse (Yui NARUSE)
Use 0 for webbrick's port and get the actual port. [Bug #6766]

Revision d3216922 - 11/15/2012 06:15 AM - usa (Usaku NAKAMURA)
merge revision(s) 36491,36877: [Backport #7320]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@37659 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History
#1 - 07/22/2012 04:07 AM - naruse (Yui NARUSE)
- Status changed from Assigned to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r36491.
Luis, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

Revision 36491 - 07/21/2012 07:07 PM - naruse (Yui NARUSE)
Use 0 for webbrick's port and get the actual port. [Bug #6766]