Hello,

RubyInstaller's CI worker compiles and run tests for both x86 and x64 builds from trunk.

Sometimes, these builds are run in parallel and causing random (Errno::EADDRINUSE):

8) 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/ruby-trunk-x64-build/lib/webrick/utils.rb:85:in initialize'
  C:/Users/Worker/Jenkins/workspace/ruby-trunk-x64-build/lib/webrick/utils.rb:85:in new'
  C:/Users/Worker/Jenkins/workspace/ruby-trunk-x64-build/lib/webrick/utils.rb:85:in block in create_listeners'
  C:/Users/Worker/Jenkins/workspace/ruby-trunk-x64-build/lib/webrick/utils.rb:82:in each'
  C:/Users/Worker/Jenkins/workspace/ruby-trunk-x64-build/lib/webrick/utils.rb:82:in create_listeners'
  C:/Users/Worker/Jenkins/workspace/ruby-trunk-x64-build/lib/webrick/ssl.rb:88:in listen'
  C:/Users/Worker/Jenkins/workspace/ruby-trunk-x64-build/lib/webrick/server.rb:70:in initialize'
  C:/Users/Worker/Jenkins/workspace/ruby-trunk-x64-build/lib/webrick/httpserver.rb:45:in initialize'
  C:/Users/Worker/Jenkins/workspace/ruby-trunk-x64-build/test/net/http/utils.rb:8:in listen'
  C:/Users/Worker/Jenkins/workspace/ruby-trunk-x64-build/test/net/http/utils.rb:31:in `setup'

Full output here:

http://ci.rubyinstaller.org/job/ruby-trunk-x64-test-all/19/console
http://ci.rubyinstaller.org/job/ruby-trunk-x86-test-all/23/console

Back in #6766, Yui NARUSE used '0' as WEBrick port to select one randomly, but appears that is not working as expected.

As you can see, those random failures are a problem when trying to determine a real failure.

Perhaps the port can be randomized with (Process.pid)) as base? That way chances of same port for different process are minimal.

Thank you.

Related issues:
Related to Ruby master - Bug #6766: Unable to run tests for different builds ...

Associated revisions
Revision b238b5be - 09/01/2012 08:46 PM - naruse (Yui NARUSE)
Use 0 as port like #6766 [Bug #6959]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@36877 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 36877 - 09/01/2012 08:46 PM - naruse (Yui NARUSE)
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History
#1 - 09/02/2012 05:46 AM - naruse (Yui NARUSE)
- Status changed from Assigned to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r36877.
Luis, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

Use 0 as port like #6766 [Bug #6959]