

Ruby - Bug #13834

RubyGems test suite occasionally changes working directory and breaks the rest of test suite

08/22/2017 06:06 AM - vo.x (Vit Ondruch)

Status:	Closed	
Priority:	Normal	
Assignee:	hsbt (Hiroshi SHIBATA)	
Target version:		
ruby -v:	ruby 2.5.0dev (2017-08-18 trunk 59616) [x86_64-linux]	Backport: 2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: REQUIRED

Description

From time to time, RubyGems test suite changes working directory, which breaks rest of Ruby tests suite. It all starts like this:

```
[ 7096/17125] TestGemRemoteFetcher#test_do_not_allow_invalid_client_cert_auth_connection = 0.01 s
Leaked file descriptor: TestGemRemoteFetcher#test_do_not_allow_invalid_client_cert_auth_connection:
 21 : #<TCPServer:fd 21, AF_INET, 0.0.0.0, 45301>
Leaked file descriptor: TestGemRemoteFetcher#test_do_not_allow_invalid_client_cert_auth_connection
 22 : #<TCPServer:fd 22, AF_INET6, ::, 45301>
Leaked file descriptor: TestGemRemoteFetcher#test_do_not_allow_invalid_client_cert_auth_connection
 23 : #<IO:fd 23>
Leaked file descriptor: TestGemRemoteFetcher#test_do_not_allow_invalid_client_cert_auth_connection
 24 : #<IO:fd 24>
Leaked thread: TestGemRemoteFetcher#test_do_not_allow_invalid_client_cert_auth_connection: #<Thread:0x000056191465fe40@/home/hsbt/chkbuild/tmp/build/20170818T003002Z/ruby/test/rubygems/test_gem_remote_fetcher.rb:1025 sleep>
Environment variable changed: TestGemRemoteFetcher#test_do_not_allow_invalid_client_cert_auth_connection : "GEM_PRIVATE_KEY_PASSPHRASE" added
Environment variable changed: TestGemRemoteFetcher#test_do_not_allow_invalid_client_cert_auth_connection : "GEM_SPEC_CACHE" added
Environment variable changed: TestGemRemoteFetcher#test_do_not_allow_invalid_client_cert_auth_connection : "HOME" changed : "/home/hsbt" -> "/home/hsbt/chkbuild/tmp/build/20170818T003002Z/tmp/test_rubygems_29019/userhome"
```

and results in errors such as:

```
2) Failure:
TestMkrmf::TestConfig#test_dir_config [/home/hsbt/chkbuild/tmp/build/20170818T003002Z/ruby/test/mkrmf/test_config.rb:12]:
assert_separately failed with error message
pid 2383 exit 1
| /home/hsbt/chkbuild/tmp/build/20170818T003002Z/ruby/lib/mkrmf.rb:228:in `expand_path': No such file or directory - getcwd (Errno::ENOENT)
| from /home/hsbt/chkbuild/tmp/build/20170818T003002Z/ruby/lib/mkrmf.rb:228:in `<module:MakeMakefile>'
| from /home/hsbt/chkbuild/tmp/build/20170818T003002Z/ruby/lib/mkrmf.rb:48:in `<top (required)>'
| from -:1:in `require'
```

You can find the full log [ruby.ci.org 1](#).

History

#1 - 08/22/2017 06:10 AM - vo.x (Vit Ondruch)

I also opened RubyGems ticket:

<https://github.com/rubygems/rubygems/issues/1991>

#2 - 08/22/2017 10:35 AM - shevegen (Robert A. Heiler)

I think the github "ticket" is not as useful as the issue track here; I may mistakenly remember but I think that some of the ruby core team said so. Where github may help of course are patches and pull requests attached to.

The error "No such file or directory - getcwd (Errno::ENOENT)" may have come from some operation

removing a directory so perhaps the logic in the build-up chain is incorrect. BTW I also see this on ruby-gnome sometimes, with paths such as "/home/hsbt/chkbuild/tmp/build/" (or ruby-gnome, it's kou though, not hsbt) - is this general that this path information is included somewhere? It may be easier to instead use some ENV variable or something, since it is strange that other users get to see such paths in general. (I just noticed it in ruby-gnome a while ago, now I notice it here.)

#3 - 08/22/2017 10:40 AM - vo.x (Vit Ondruch)

So far, I think the test never reaches this [1](#) line for some reason. Or if it reaches it, it is not executed properly. Then the temporary directory is cleaned up and the test suite starts to fail.

#4 - 09/21/2017 09:23 AM - vo.x (Vit Ondruch)

Another instance of this bug:

<http://rubyci.s3.amazonaws.com/fedora26/ruby-trunk/log/20170919T063002Z.log.html.gz>

#5 - 07/26/2018 02:12 AM - hsbt (Hiroshi SHIBATA)

- Status changed from Open to Assigned

- Assignee set to hsbt (Hiroshi SHIBATA)

#6 - 03/11/2019 07:39 AM - hsbt (Hiroshi SHIBATA)

- Status changed from Assigned to Feedback

@vo.x

Do you still have this issue? I couldn't reproduce this on Fedora 27 and 28 of RubyCI.

#7 - 07/26/2019 09:34 PM - jeremyevans0 (Jeremy Evans)

- Status changed from Feedback to Closed