

Ruby trunk - Bug #8195

Time-dependent tests

04/01/2013 10:21 AM - hasari (Hiro Asari)

Status: Rejected	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.1.0dev (2013-03-31 trunk 40019) [x86_64-linux]	Backport:

Description

There are some tests that depend on timing of the execution, and fail sporadically.

I have not surveyed the entire suite, but one is pointed out in <https://github.com/jruby/jruby/issues/618>.

https://github.com/ruby/ruby/blob/v1_8_7_371/test/zlib/test_zlib.rb#L318

https://github.com/ruby/ruby/blob/v1_9_3_392/test/zlib/test_zlib.rb#L293

https://github.com/ruby/ruby/blob/v2_0_0_0/test/zlib/test_zlib.rb#L469

https://github.com/ruby/ruby/blob/6a23960/test/zlib/test_zlib.rb#L471

Perhaps defining a margin of error might be permissible.

History

#1 - 04/01/2013 10:53 AM - akr (Akira Tanaka)

- ruby -v changed from ruby 2.1.0dev (2013-03-28 trunk 39971) [x86_64-darwin12.3.0] to ruby 2.1.0dev (2013-03-31 trunk 40019) [x86_64-linux]

2013/4/1 hasari (Hiro Asari) asari.ruby@gmail.com:

Bug #8195: Time-dependent tests
<https://bugs.ruby-lang.org/issues/8195>

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I have not surveyed the entire suite, but one is pointed out in <https://github.com/jruby/jruby/issues/618>.

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Show us a actual log of the test failure.

Is it really with CRuby?

What is the logic for the test failure?

The test doesn't fail with following modification, which causes two Time.now returns values different 10 years.

```
% svn diff test/zlib/test_zlib.rb
Index: test/zlib/test_zlib.rb
```

```
-----
--- test/zlib/test_zlib.rb (revision 40019)
+++ test/zlib/test_zlib.rb (working copy)
@@ -455,7 +455,7 @@
end
```

```
def test_mtime
```

```
• tim = Time.now
```

- [REDACTED]
t = Tempfile.new("test_zlib_gzip_file_mtime")
t.close

@@ -464,7 +464,7 @@
gz.mtime = tim
gz.print("foo")
gz.flush

- [REDACTED]
- [REDACTED]
end

Zlib::GzipReader.open(t.path) do |f|

% ./ruby test/runner.rb test/zlib/test_zlib.rb -n test_mtime
Run options: -n test_mtime

Running tests:

Finished tests in 0.030804s, 32.4634 tests/s, 64.9268 assertions/s.
1 tests, 2 assertions, 0 failures, 0 errors, 0 skips

% ./ruby -v
ruby 2.1.0dev (2013-03-31 trunk 40019) [x86_64-linux]
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Tanaka Akira

#2 - 04/01/2013 12:56 PM - hasari (Hiro Asari)

On a second thought, this seems to be a poorly chosen "example". You can close this ticket. If I come across a better example, I'll open a new one.

Sorry for the noise.

#3 - 04/01/2013 12:58 PM - akr (Akira Tanaka)

- Status changed from Open to Rejected

No actual log.