Ruby master - Bug #6935
TestEtc#test_getgrgid on OSX
08/26/2012 11:13 PM - h.shirosaki (Hiroshi Shirosaki)

Status: Closed
Priority: Normal
Assignee: nobu (Nobuyoshi Nakada)
Target version: 2.0.0
Backport: 

ruby -v:
ruby 2.0.0dev (2012-08-25 trunk 36821)
[x86_64-darwin12.0.0]

Description
=begin
I saw similar issue as #6831. Is GID also not unique on OSX?

[ 69/110] TestEtc#test_getgrgid = 0.02 s

1) Failure:
test_getgrgid(TestEtc) [/Users/hiroshi/src/ruby/test/etc/test_etc.rb:84]:
<#> expected but was
<#>.
I confirmed this patch fixes the failure.

diff --git a/test/etc/test_etc.rb b/test/etc/test_etc.rb
index 5bc8db4..c105122 100644
--- a/test/etc/test_etc.rb
+++ b/test/etc/test_etc.rb
@@ -76,13 +76,18 @@ class TestEtc < Test::Unit::TestCase
end

  def test_getgrgid
    groups = {}
++  Etc.group do |s|
++    groups[s.gid] ||= s
++    # group database is not unique on GID, and which entry will be
++    # returned by getgrgid() is not specified.
++    groups = Hash.new ({})
++    # on MacOSX, same entries are returned from /etc/group and Open
++    # Directory.
+    Etc.group {|s| groups[s.gid] |= [s]}
+    groups.each_pair do |gid, s|
+      assert_include(s, Etc.getgrgid(gid)) end
+    groups.each_value do |s|
+      assert_equal(s, Etc.getgrgid(s.gid))
+      assert_equal(s, Etc.getgrgid) if Process.egid == s.gid
+      s = groups[Process.egid]
+      unless s.empty?
+        assert_include(s, Etc.getgrgid) end end
=end

Associated revisions
Revision a5849245 - 08/27/2012 11:57 AM - shirosaki

  test_etc.rb: fix for non unique GID

test/etc/test_etc.rb (TestEtc#test_getgrgid): fix for non unique GID. No unixen systems guarantee that GID is unique. Etc.getgrgid would not return the first entry in the order of Etc.group for shared GID. [ruby-core:47312] [Bug #6935]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@36833 b2dd03c8-39d4-4d8f-98ff-823fe69b080e
Revision 36833 - 08/27/2012 11:57 AM - shirosaki
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Revision b5b2bd86 - 09/29/2017 05:19 PM - sonots (Naotoshi Seo)
test_etc.rb: fix test_getgrnam for duplicated group names

- test/etc/test_etc.rb: Etc.getgrnam would not return the first entry in the order of Etc.group for duplicated group names.

follow-up: [Bug #6935]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@60063 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 60063 - 09/29/2017 05:19 PM - sonots (Naotoshi Seo)
test_etc.rb: fix test_getgrnam for duplicated group names

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follow-up: [Bug #6935]
No unixen systems guarantees that GID is unique. Please commit it.

This issue was solved with changeset r36833. Hiroshi, thank you for reporting this issue. Your contribution to Ruby is greatly appreciated. May Ruby be with you.

test_etc.rb: fix for non unique GID

- test/etc/test_etc.rb (TestEtc#test_getgrgid): fix for non unique GID. No unixen systems guarantee that GID is unique. Etc.getgrgid would not return the first entry in the order of Etc.group for shared GID. [ruby-core:47312][Bug #6035]