Ruby master - Bug #6813

TestRubyOptions#test_encoding failure on Windows

07/30/2012 11:36 PM - h.shirosaki (Hiroshi Shirosaki)

Status: Closed
Priority: Normal
Assignee: luislavena (Luis Lavena)
Target version: 2.0.0

ruby -v:
ruby 2.0.0dev (2012-07-30 trunk 36577)
[x64-mswin64_100]

Backport:

Description

TestRubyOptions#test_encoding fails. This failure depends on cmd code page. With chcp 932 the test passes, but with chcp 65001, 1252 and so on the test fails.

[ 9/38] TestRubyOptions#test_encoding = 0.04 s
  1) Failure:
test_encoding(TestRubyOptions) [C:/Users/hiroshi/work/ruby/test/ruby/test_rubyoptions.rb:202]:
    <> expected but was
    "\xE3\x81\x82"

This test depends on STDIN encoding which is determined system locale. And LANG=C is set when invoking ruby.

https://github.com/ruby/ruby/blob/trunk/test/ruby/envutil.rb#L48

But LANG doesn't affect locale with trunk ruby on Windows by the following commit.

https://github.com/ruby/ruby/commit/5a2758ed

So test results would differ according to cmd code page.

I've attached a patch to work with not 932 code page.

Associated revisions

Revision f52eefec - 07/31/2012 08:58 PM - shirosaki

test_rubyoptions.rb: fix test failure on Windows

  * test/ruby/test_rubyoptions.rb (TestRubyOptions#test_encoding): Fix test_encoding failure on Windows. With chcp 65001, 1252 and 437, test_encoding failed. Test result depends on locale because LANG environment variable doesn't affect locale on Windows. [ruby-core:46872] [Bug #6813]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@36587 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 36587 - 07/31/2012 08:58 PM - shirosaki

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History

#1 - 07/31/2012 10:45 AM - usa (Usaku NAKAMURA)

Commit it, please.

#2 - 08/01/2012 05:58 AM - Anonymous

- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r36587.
Hiroshi, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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<td>0001-Fix-test_encoding-failure-on-Windows.patch</td>
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<td>07/30/2012</td>
<td>h.shirosaki (Hiroshi Shirosaki)</td>
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