

Ruby trunk - Bug #7076

TestUnicodeEscape#test_basic failure on Windows

09/27/2012 09:42 PM - h.shirosaki (Hiroshi Shirosaki)

Status: Closed	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.0.0dev (2012-09-27 trunk 37040) [i386-mingw32]	Backport: 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN

Description

=begin

This was originally reported at rubyinstaller-list by Jon.

With chcp 437, TestUnicodeEscape#test_basic fails with invalid byte sequence in UTF-8.

<http://pastie.org/4688083>

I got the following test failure with chcp 437 on Windows 7.

1) Failure:

```
test_basic(TestUnicodeEscape) [c:/Users/hiroshi/work/ruby/test/ruby/test_unicode_escape.rb:50]:
```

```
Expected /"?u00FC\1$/ to match "\"???\n".
```

echo command on Windows seems not to work properly against non-ascii characters with all code page.

I suggest a patch to use ruby instead of echo.

This patch works fine with chcp 437, 1252 and 65001. Jon also confirmed this.

```
diff --git a/test/ruby/test_unicode_escape.rb b/test/ruby/test_unicode_escape.rb
```

```
index 088f81c..2c437d9 100644
```

```
--- a/test/ruby/test_unicode_escape.rb
```

```
+++ b/test/ruby/test_unicode_escape.rb
```

```
@@ -1,6 +1,7 @@
```

```
# -- coding: utf-8 --
```

```
require 'test/unit'
```

```
+require_relative 'envutil'
```

```
class TestUnicodeEscape < Test::Unit::TestCase
```

```
def test_basic
```

```
@@ -47,7 +48,7 @@ EOS
```

```
# \u in %x strings
```

```
assert_match(/"?A\1$/, echo "\u0041") #"
```

```
assert_match(/"?A\1$/, %x{echo "\u0041"}) #"
```

- `assert_match(/"?ü\1$/, echo "\u{FC}".force_encoding("utf-8")) #"`

- `assert_match(/"?ü\1$/, #{EnvUtil.rubybin} -e "puts \"\u{FC}\".force_encoding("utf-8")) #"`

```
# \u in quoted symbols
```

```
assert_equal(:A, :"\u0041")=end
```

Associated revisions

Revision **b5de8fcd** - 09/28/2012 01:43 PM - shirosaki

test_unicode_escape.rb: fix test for Windows

- test/ruby/test_unicode_escape.rb (TestUnicodeEscape#test_basic): echo command doesn't work properly against non-ascii character on

Windows with chcp 437. Instead we use ruby. [ruby-core:47709] [Bug #7076]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@37050 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 37050 - 09/28/2012 01:43 PM - shirosaki

test_unicode_escape.rb: fix test for Windows

- test/ruby/test_unicode_escape.rb (TestUnicodeEscape#test_basic): echo command doesn't work properly against non-ascii character on Windows with chcp 437. Instead we use ruby. [ruby-core:47709] [Bug #7076]

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Revision 93731ef2 - 09/28/2012 05:32 PM - shirosaki

- test/ruby/test_unicode_escape.rb (TestUnicodeEscape#test_basic): Use ruby only on Windows since the test fails on Unix with LANG=C. [ruby-core:47709] [Bug #7076]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@37051 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 37051 - 09/28/2012 05:32 PM - shirosaki

- test/ruby/test_unicode_escape.rb (TestUnicodeEscape#test_basic): Use ruby only on Windows since the test fails on Unix with LANG=C. [ruby-core:47709] [Bug #7076]

Revision 37051 - 09/28/2012 05:32 PM - shirosaki

- test/ruby/test_unicode_escape.rb (TestUnicodeEscape#test_basic): Use ruby only on Windows since the test fails on Unix with LANG=C. [ruby-core:47709] [Bug #7076]

Revision 37051 - 09/28/2012 05:32 PM - shirosaki

- test/ruby/test_unicode_escape.rb (TestUnicodeEscape#test_basic): Use ruby only on Windows since the test fails on Unix with LANG=C. [ruby-core:47709] [Bug #7076]

Revision 37051 - 09/28/2012 05:32 PM - shirosaki

- test/ruby/test_unicode_escape.rb (TestUnicodeEscape#test_basic): Use ruby only on Windows since the test fails on Unix with LANG=C. [ruby-core:47709] [Bug #7076]

Revision 37051 - 09/28/2012 05:32 PM - shirosaki

- test/ruby/test_unicode_escape.rb (TestUnicodeEscape#test_basic): Use ruby only on Windows since the test fails on Unix with LANG=C.

History

#1 - 09/28/2012 09:53 AM - usa (Usaku NAKAMURA)

Hello,

In message " [ruby-trunk - Bug [#7076](#)][Open] TestUnicodeEscape#test_basic failure on Windows" on Sep.27,2012 21:44:25, h.shirosaki@gmail.com wrote:

This patch works fine with chcp 437, 1252 and 65001. Jon also confirmed this.

So, commit it, please.

Generally, you can commit a patch by judgment of you, as long as it does not change the specification.
If it is change of tests like this time, please do not hesitate to do.

Regards,

--

U.Nakamura usa@garbagecollect.jp

#2 - 09/28/2012 10:43 PM - Anonymous

- Status changed from Open to Closed

- % Done changed from 0 to 100

This issue was solved with changeset [r37050](#).

Hiroshi, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

test_unicode_escape.rb: fix test for Windows

- test/ruby/test_unicode_escape.rb (TestUnicodeEscape#test_basic): echo command doesn't work properly against non-ascii character on Windows with chcp 437. Instead we use ruby. [Bug [#7076](#)]

#3 - 09/29/2012 08:53 PM - h.shirosaki (Hiroshi Shirosaki)

On Fri, Sep 28, 2012 at 9:49 AM, U.Nakamura usa@garbagecollect.jp wrote:

Hello,

In message " [ruby-trunk - Bug [#7076](#)][Open] TestUnicodeEscape#test_basic failure on Windows" on Sep.27,2012 21:44:25, h.shirosaki@gmail.com wrote:

This patch works fine with chcp 437, 1252 and 65001. Jon also confirmed this.

So, commit it, please.

Generally, you can commit a patch by judgment of you, as long as it does not change the specification.
If it is change of tests like this time, please do not hesitate to do.

Hello,

Thank you for comments. The patch had a problem, but I think it was fixed.

And I have other patches for test issues which I see on my local. So committed those.

With those patches test-all results seems fine even on Windows XP with gcc version 4.7.2 rubenvb build.

--

Hiroshi Shirosaki