

Ruby trunk - Bug #4799

M17N tests are too JP specific

05/30/2011 12:04 AM - luislavena (Luis Lavena)

Status:	Closed	
Priority:	Normal	
Assignee:	nobu (Nobuyoshi Nakada)	
Target version:	2.0.0	
ruby -v:	ruby 1.9.3dev (2011-05-29 trunk 31779) [i386-mingw32]	Backport:

Description

Hello,

While attempting to successfully run 'test-all' on Windows, I found receiving several M17N tests errors due the nature of not been running on a JP codepage or configuration:

1) Error:

```
test_filename_bytes_euc_jp(TestDir_M17N):  
Erno::EINVAL: Invalid argument - C:/Users/Luis/AppData/Local/Temp/d20110529-2972-17a0lqr/?  
C:/Users/Luis/Projects/oss/ruby/test/ruby/test_dir_m17n.rb:9:in with_tmpdir'  
C:/Users/Luis/Projects/oss/ruby/test/ruby/test_dir_m17n.rb:150:intest_filename_bytes_euc_jp'
```

2) Error:

```
test_filename_euc_jp(TestDir_M17N):  
Erno::EINVAL: Invalid argument - C:/Users/Luis/AppData/Local/Temp/d20110529-2972-9kcubp/?  
C:/Users/Luis/Projects/oss/ruby/test/ruby/test_dir_m17n.rb:9:in with_tmpdir'  
C:/Users/Luis/Projects/oss/ruby/test/ruby/test_dir_m17n.rb:164:intest_filename_euc_jp'
```

3) Error:

```
test_filename_ext_euc_jp_and_int_utf_8(TestDir_M17N):  
Erno::EINVAL: Invalid argument - C:/Users/Luis/AppData/Local/Temp/d20110529-2972-8f7ny5/?  
C:/Users/Luis/Projects/oss/ruby/test/ruby/test_dir_m17n.rb:9:in with_tmpdir'  
C:/Users/Luis/Projects/oss/ruby/test/ruby/test_dir_m17n.rb:202:intest_filename_ext_euc_jp_and_int_utf_8'
```

4) Error:

```
test_filename_extutf8(TestDir_M17N):  
Erno::EINVAL: Invalid argument - C:/Users/Luis/AppData/Local/Temp/d20110529-2972-1387zsp/?  
C:/Users/Luis/Projects/oss/ruby/test/ruby/test_dir_m17n.rb:9:in with_tmpdir'  
C:/Users/Luis/Projects/oss/ruby/test/ruby/test_dir_m17n.rb:19:intest_filename_extutf8'
```

5) Error:

```
test_filename_extutf8_inteucjp_representable(TestDir_M17N):  
Erno::EINVAL: Invalid argument - C:/Users/Luis/AppData/Local/Temp/d20110529-2972-2qfh5n/?  
C:/Users/Luis/Projects/oss/ruby/test/ruby/test_dir_m17n.rb:9:in with_tmpdir'  
C:/Users/Luis/Projects/oss/ruby/test/ruby/test_dir_m17n.rb:91:intest_filename_extutf8_inteucjp_representable'
```

6) Error:

```
test_filename_extutf8_inteucjp_unrepresentable(TestDir_M17N):  
Erno::EINVAL: Invalid argument - C:/Users/Luis/AppData/Local/Temp/d20110529-2972-ig4xfu/?  
C:/Users/Luis/Projects/oss/ruby/test/ruby/test_dir_m17n.rb:9:in with_tmpdir'  
C:/Users/Luis/Projects/oss/ruby/test/ruby/test_dir_m17n.rb:118:intest_filename_extutf8_inteucjp_unrepresentable'
```

7) Error:

```
test_filename_utf8_raw_name(TestDir_M17N):  
Erno::EINVAL: Invalid argument - C:/Users/Luis/AppData/Local/Temp/d20110529-2972-tr32kz/?  
C:/Users/Luis/Projects/oss/ruby/test/ruby/test_dir_m17n.rb:9:in with_tmpdir'  
C:/Users/Luis/Projects/oss/ruby/test/ruby/test_dir_m17n.rb:184:intest_filename_utf8_raw_name'
```

8 tests, 16 assertions, 0 failures, 7 errors, 0 skips

While the backtrace line indicates Dir.mktmpdir is the root, it works perfectly on my codepage.

Which for the record is chcp 1252, but changing it to 65001 does not affect the end results:

Thank you.

History

#1 - 05/31/2011 11:43 PM - naruse (Yui NARUSE)

This should not be a JP specific bug, Japanese Windows's codepage is 932 and it is a variant of Shift-JIS, not EUC-JP. Those errors seem problems because of the failure of automatic conversion from codepage to filesystem encoding, but the related code seem work. This is my impression.

P.S. the lines which raise exceptions seem strange.

#2 - 06/03/2011 09:21 AM - naruse (Yui NARUSE)

- *Status changed from Open to Assigned*
- *Assignee set to nobu (Nobuyoshi Nakada)*

#3 - 07/09/2011 12:40 AM - naruse (Yui NARUSE)

I doubt some gems/library set Encoding.default_internal and its breaks those tests. Can you run test-all in clean environment? configure --prefix=/somewhere may help you.

#4 - 07/21/2012 11:10 PM - luislavena (Luis Lavena)

- *Status changed from Assigned to Closed*

A patch for this has been submitted in [#6765](#)