Ruby master - Bug #6765

test_filename_utf8_raw_name and test_filename_euc_jp (test_dir_m17n.rb) fail on non-JapaneseWindows

07/21/2012 09:04 PM - os97673 (Oleg Sukhodolsky)

Status: Closed
Priority: Normal
Assignee: luislavena (Luis Lavena)
Target version: 2.0.0
ruby -v: ruby 2.0.0dev (2012-07-21)
[i386-mingw32]

Backport:

Description
It looks like the problem is related to http://bugs.ruby-lang.org/issues/4799
The problem is that these test use "u3042" as a file name to create and to test its name in ASCII-8BIT mode.
But it expects "\x80\x40" as a result, but this is "\u3042".encode('jis') ('jis' is a filesystem encoding
on Japanese Windows).
To fix the test I do changed it to calculate expected file name using original name and filesystem's encoding.
Also, I've added two more tests with Windows-1251 and Windows-1252 symbols as file name.
And they does demonstrated another problem of the test on Windows: result of the function Ruby uses to
get binary version of filename (WideCharToMultiByte) is not deterministric (see
for more details).
This is why I've added additional check to which test to check if at least we have expected file name in case we use filesystem's
encoding.

Associated revisions

Revision c4348fcd - 07/23/2012 11:32 PM - luislavena (Luis Lavena)
Fix raw UTF-8 test for non-Japnese Windows systems

• test/ruby/test_dir_m17n.rb (create_and_check_raw_file_name): add new
  helper method to ease encoding testing. Patch by Oleg Sukhodolsky.
  [ruby-core:46589][Bug #6765]

• test/ruby/test_dir_m17n.rb (test_filename_extutf8): use filesystem
  encoding when reading entries and comparing.

• test/ruby/test_dir_m17n.rb (test_filename_utf8_raw_name): removed.

• test/ruby/test_dir_m17n.rb (test_filename_utf8_raw_jp_name): split test.

Revision 36509 - 07/23/2012 11:32 PM - luislavena (Luis Lavena)
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08/06/2021
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Revision 73c6469a - 11/08/2012 05:43 AM - usa (Usaku NAKURA)

merge revision(s) 36509,36514: [Backport #7294]

* test/ruby/test_dir_m17n.rb (create_and_check_raw_file_name): add new
  helper method to ease encoding testing. Patch by Oleg Sukhodolsky.
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* test/ruby/test_dir_m17n.rb (test_filename_utf8_raw_jp_name): split test.

* test/ruby/test_dir_m17n.rb: refactoring. RE should be in the left side
  of the =~ operator, and compare the result with nil is meaningless.

Revision 37554 - 07/21/2012 10:40 PM - luislavena (Luis Lavena)

- Status changed from Open to Feedback

=begin
Thank you Oleg for the patch.

I just tested it, but still have a failure:

Before patch:

# Running tests:

[ 4/10] TestDir_M17N#test_filename_euc_jp = 0.08 s
  1) Failure:
  test_filename_euc_jp(TestDir_M17N) [C:/Users/Worker/Code/ruby/ruby/test/ruby/test_dir_m17n.rb:170]:
  ruby exit status is not success: #

[ 9/10] TestDir_M17N#test_filename_utf8_raw_name = 0.08 s
  2) Failure:
  test_filename_utf8_raw_name(TestDir_M17N) [C:/Users/Worker/Code/ruby/ruby/test/ruby/test_dir_m17n.rb:190]:
  ruby exit status is not success: #

Finished tests in 0.657084s, 15.2188 tests/s, 27.3938 assertions/s.
10 tests, 18 assertions, 2 failures, 0 errors, 0 skips

ruby -v: ruby 2.0.0dev (2012-07-21 trunk 36486) [i386-mingw32]

After patch:

# Running tests:

[ 4/12] TestDir_M17N#test_filename_euc_jp = 0.08 s
  1) Failure:
  test_filename_euc_jp(TestDir_M17N) [C:/Users/Worker/Code/ruby/ruby/test/ruby/test_dir_m17n.rb:196]:
  ruby exit status is not success: #

Finished tests in 0.809603s, 14.8221 tests/s, 27.1738 assertions/s.
12 tests, 22 assertions, 2 failures, 0 errors, 0 skips

ruby -v: ruby 2.0.0dev (2012-07-21 trunk 36486) [i386-mingw32]

Seems like ((test_filename_euc_jp)) is still failing.

My codepage is 1252, changing it to 1251 seems to solve the issue, which indicate some minor issue with this test.

Can you confirm with chcp 1252?

Thank you.

08/06/2021
The patch updated to make test_filename_euc_jp pass on Windows-1252.

Status changed from Feedback to Assigned
- Target version set to 2.0.0

Thank you Oleg,

I can confirm new patch works:

# Running tests:

Finished tests in 0.785099s, 15.2847 tests/s, 28.0219 assertions/s.
12 tests, 22 assertions, 0 failures, 0 errors, 0 skips

ruby -v: ruby 2.0.0dev (2012-07-21 trunk 36486) [i386-mingw32]

Nobu, Usa, can I commit?

Any with Japanese-Windows to double check?

Thank you

This issue was solved with changeset r36509.
Oleg, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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Files

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