

Ruby master - Bug #6650

Fixing win32ole test errors

06/26/2012 10:43 PM - bosko (Boško Ivanišević)

Status:	Closed	
Priority:	Normal	
Assignee:	suke (Masaki Suketa)	
Target version:	2.0.0	
ruby -v:	ruby 2.0.0dev (2012-06-25 trunk 36180) [i386-mingw32]	Backport:
Description		
Since FileSystemObject is limited only to ANSI and UTF-16LE encoding tests shouldn't try to use other encodings since they will certainly fail. Instead UTF-16 encoding should be used to check whether writing/reading to/from FSO is properly handled. Attached is a patch that fixes this.		

Associated revisions

Revision 030111ac - 06/28/2012 12:33 PM - luislavena (Luis Lavena)

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by bosko (Bosko Ivanisevic) [ruby-trunk - Bug #6650]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@36246 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 36246 - 06/28/2012 12:33 PM - luislavena (Luis Lavena)

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by bosko (Bosko Ivanisevic) [ruby-trunk - Bug #6650]

Revision 36246 - 06/28/2012 12:33 PM - luislavena (Luis Lavena)

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by bosko (Bosko Ivanisevic) [ruby-trunk - Bug #6650]

Revision 36246 - 06/28/2012 12:33 PM - luislavena (Luis Lavena)

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by bosko (Bosko Ivanisevic) [ruby-trunk - Bug #6650]

Revision 36246 - 06/28/2012 12:33 PM - luislavena (Luis Lavena)

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by bosko (Bosko Ivanisevic) [ruby-trunk - Bug #6650]

Revision 36246 - 06/28/2012 12:33 PM - luislavena (Luis Lavena)

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by bosko (Bosko Ivanisevic) [ruby-trunk - Bug #6650]

Revision 36246 - 06/28/2012 12:33 PM - luislavena (Luis Lavena)

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by bosko (Bosko Ivanisevic) [ruby-trunk - Bug #6650]

Revision 263cd01a - 07/04/2012 10:17 AM - suke (Masaki Suketa)

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by h.shirosaki (Hiroshi Shirosaki) [ruby-trunk - Bug #6650]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@36306 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 36306 - 07/04/2012 10:17 AM - suke (Masaki Suketa)

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by h.shirosaki (Hiroshi Shirosaki) [ruby-trunk - Bug #6650]

Revision 36306 - 07/04/2012 10:17 AM - suke (Masaki Suketa)

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by h.shirosaki (Hiroshi Shirosaki) [ruby-trunk - Bug #6650]

Revision 36306 - 07/04/2012 10:17 AM - suke (Masaki Suketa)

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by h.shirosaki (Hiroshi Shirosaki) [ruby-trunk - Bug #6650]

Revision 36306 - 07/04/2012 10:17 AM - suke (Masaki Suketa)

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by h.shirosaki (Hiroshi Shirosaki) [ruby-trunk - Bug #6650]

Revision 36306 - 07/04/2012 10:17 AM - suke (Masaki Suketa)

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by h.shirosaki (Hiroshi Shirosaki) [ruby-trunk - Bug #6650]

Revision 36306 - 07/04/2012 10:17 AM - suke (Masaki Suketa)

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by h.shirosaki (Hiroshi Shirosaki) [ruby-trunk - Bug #6650]

Revision bb74a0d0 - 11/08/2012 05:49 AM - usa (Usaku NAKAMURA)

merge revision(s) 36306: [Backport #7296]

```
* test/win32ole/test_win32ole.rb (test_s_codepage_changed):
  FileSystemObject only supports ANSI or UTF-16LE encoding.
  Patch by h.shirosaki (Hiroshi Shirosaki) [ruby-trunk - Bug #6650]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@37555 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision ba09c0a3 - 11/09/2012 04:49 AM - usa (Usaku NAKAMURA)

merge revision(s) 36246:

```
* test/win32ole/test_win32ole.rb (test_s_codepage_changed):
  FileSystemObject only supports ANSI or UTF-16LE encoding.
  Patch by bosko (Bosko Ivanisevic) [ruby-trunk - Bug #6650]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@37575 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 06/27/2012 04:46 AM - luislavena (Luis Lavena)

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

#2 - 06/28/2012 09:33 PM - luislavena (Luis Lavena)

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

This issue was solved with changeset r36246.
Boško, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by bosko (Bosko Ivanisevic) [ruby-trunk - Bug [#6650](#)]

#3 - 06/29/2012 06:38 AM - suke (Masaki Suketa)

- % Done changed from 100 to 0

I received the following error.

```
test_s_codepage_changed(TestWin32OLE) [C:/cygwin/home/svn/ruby/test/win32ole/test_win32ole.rb:363]:
<"\xE3\x81\x82"> expected but was
<"\xE3\x81\x81">.
```

Finished tests in 53.506664s, 4.1303 tests/s, 12.0359 assertions/s.
221 tests, 644 assertions, 1 failures, 0 errors, 0 skips

ruby -v: ruby 2.0.0dev (2012-06-28 trunk 36246) [i386-mswin32_100]

#4 - 06/29/2012 06:54 AM - luislavena (Luis Lavena)

- Status changed from Closed to Feedback

suke,

Can you tell us a bit more about WIN32OLE.locale and WIN32OLE.codepage prior running the tests? what is the default locale (chcp)?

These test work under WIN32OLE.codepage 1252 and 65001, so I'm wondering why they are not in your case.

#5 - 06/29/2012 09:39 PM - h.shirosaki (Hiroshi Shirosaki)

- File 0001-Use-UTF-16-String-instead-of-UTF-8.patch added

I had same failure on Win7 with chcp 932(default), 1252 and 65001. I guess it depends on Windows system default encoding. If I change the string from UTF-8 to UTF-16LE, the test works fine for me. UTF-16LE or ASCII String might be better. I attached the patch.

#6 - 06/30/2012 08:38 AM - luislavena (Luis Lavena)

h.shirosaki (Hiroshi Shirosaki) wrote:

I had same failure on Win7 with chcp 932(default), 1252 and 65001. I guess it depends on Windows system default encoding. If I change the string from UTF-8 to UTF-16LE, the test works fine for me. UTF-16LE or ASCII String might be better. I attached the patch.

Hiroshi, I don't fully follow the rationale in the patch.

You're encoding the string first as UTF-16LE and then force encoding as UTF-16 when sending it to FSO.

AFAIK FSO Only understands ANSI and UTF-16LE.

Also, by doing force_encoding, you're changing test_str to the new encoding and not preserving the original.

I couldn't find WIN32OLE in the list of maintainers, but will be great to hear his comments.

#7 - 06/30/2012 10:41 AM - h.shirosaki (Hiroshi Shirosaki)

You're encoding the string first as UTF-16LE and then force encoding as UTF-16 when sending it to FSO.

AFAIK FSO Only understands ANSI and UTF-16LE.

Also, by doing force_encoding, you're changing test_str to the new encoding and not preserving the original.

I did force_encoding("UTF-16") because FSO doesn't allow UTF-16LE encoding and an error occurs. Bosko's patch also uses UTF-16 instead of UTF-16LE. force_encoding doesn't change binary representation of test_str.

#8 - 06/30/2012 11:24 PM - luislavena (Luis Lavena)

- Assignee changed from luislavena (Luis Lavena) to suke (Masaki Suketa)

Masaki,

Can you confirm tests pass after applying Hiroshi's patch?

Thank you.

#9 - 07/04/2012 01:32 AM - luislavena (Luis Lavena)

Masaki Suketa,

Can you confirm patch from Hiroshi fix the error for you?

#10 - 07/04/2012 07:17 PM - suke (Masaki Suketa)

- Status changed from *Feedback* to *Closed*

- % Done changed from 0 to 100

This issue was solved with changeset r36306.
Boško, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

-
- test/win32ole/test_win32ole.rb (test_s_codepage_changed): FileSystemObject only supports ANSI or UTF-16LE encoding. Patch by h.shirosaki (Hiroshi Shirosaki) [ruby-trunk - Bug [#6650](#)]

#11 - 07/04/2012 07:23 PM - suke (Masaki Suketa)

On Sat, Jun 30, 2012 at 11:24:03PM +0900, luislavena (Luis Lavena) wrote:

Can you confirm tests pass after applying Hiroshi's patch?

Sorry for being too late to reply.
I confirmed Hiroshi's patch works fine.

Best Regards,
Masaki Suketa

Files

0001-FileSystemObject-does-not-support-UTF-8.patch	1.74 KB	06/26/2012	bosko (Boško Ivanišević)
0001-Use-UTF-16-String-instead-of-UTF-8.patch	1.33 KB	06/29/2012	h.shirosaki (Hiroshi Shirosaki)