

Ruby trunk - Bug #7140

TestWEBrickCGI#test CGI fails on Windows with chcp 437

10/11/2012 09:51 PM - h.shirosaki (Hiroshi Shirosaki)

Status: Closed	
Priority: Normal	
Assignee: usa (Usaku NAKAMURA)	
Target version: 2.0.0	
ruby -v: ruby 2.0.0dev (2012-10-09 trunk 37127) [i386-mingw32]	Backport:
Description	
<pre>=begin Webrick test fails with chcp 437 on Windows mingw reported by Jon. https://gist.github.com/3859711#gistcomment-585563 C:\Jenkins\workspace>chcp 437 Active code page: 437 C:\Jenkins\workspace>ruby -I ruby-trunk-svn\test\webrick ruby-trunk-svn\test\webrick\test CGI.rb Run options: # Running tests: [4/4] TestWEBrickCGI#test CGI = 1.22 s 1) Failure: test CGI(TestWEBrickCGI) [ruby-trunk-svn/test/webrick/test CGI.rb:41]: webrick log start: [2012-10-10 20:42:33] INFO WEBrick 1.3.1 [2012-10-10 20:42:33] INFO ruby 2.0.0 (2012-10-09) [i386-mingw32] [2012-10-10 20:42:33] INFO WEBrick::HTTPServer#start: pid=1620 port=50961 webrick log end. "\xA4\xDB\xA4\xB2\xA4\xDB\xA4\xB2" expected but was "\xC2\xA4\xC3\x9B\xC2\xA4\xC2\xB2\xC2\xA4\xC3\x9B\xC2\xA4\xC2\xB2". Finished tests in 1.578090s, 2.5347 tests/s, 11.4062 assertions/s. 4 tests, 18 assertions, 1 failures, 0 errors, 0 skips ruby -v: ruby 2.0.0dev (2012-10-09 trunk 37127) [i386-mingw32] This is due to ENV[] returns different value with chcp 437. Test on my machine with chcp 437. sh-3.1\$./miniruby -e 'ENV["a"] = "\xA4\xDB\xA4\xB2\xA4\xDB\xA4\xB2"; p ENV["a"]' "\xEF\xBD\xA4\xEF\xBE\x9B\xEF\xBD\xA4\xEF\xBD\xB2\xEF\xBD\xA4\xEF\xBE\x9B\xEF\xBD\xA4\xEF\xBD\xB2" This spec seems to be changed by #5570 (r35030). If I changed ENV not to use UTF-8 conversion like the following patch, the test didn't fail. https://gist.github.com/3859711#file_fix_env_encoding_patch But the patch would break #5570 fix since the filesystem encoding is forced upon environment variables. So far I don't know fixes to pass the test and support #5570. Are there any good ways? I would suggest to skip the test if locale encoding is not proper on Windows. Here is a patch. https://gist.github.com/3869593 =end</pre>	

Associated revisions

Revision 25a79e9f - 10/12/2012 01:30 PM - shirosaki

test CGI.rb: skip a test on Windows

- test/webrick/test CGI.rb (TestWEBrickCGI#test CGI): skip a test depending on locale on Windows. ENV[] doesn't work properly if console code page is not equal to file system encoding. [ruby-core:47910] [Bug #7140]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@37167 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 37167 - 10/12/2012 01:30 PM - shirosaki

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Revision 37167 - 10/12/2012 01:30 PM - shirosaki

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History

#1 - 10/12/2012 04:56 PM - usa (Usaku NAKAMURA)

- Status changed from Open to Assigned

I can't make the decision to change the encoding of ENV now.
In future version -- 3.0? -- we will be able to change it.

So, we should make a work around by changing test.
Please commit it.

#2 - 10/12/2012 05:36 PM - h.shirosaki (Hiroshi Shirosaki)

usa (Usaku NAKAMURA) wrote:

I can't make the decision to change the encoding of ENV now.
In future version -- 3.0? -- we will be able to change it.

Is that means changing the encoding of ENV will solve the following inconsistency between input and output?

```
sh-3.1$ ./miniruby -e 'ENV["a"] = "\xA4\xDB\xA4\xB2\xA4\xDB\xA4\xB2"; p ENV["a"]'
"\xEF\xBD\xA4\xEF\xBE\x9B\xEF\xBD\xA4\xEF\xBD\xB2\xEF\xBD\xA4\xEF\xBE\x9B\xEF\xBD\xA4\xEF\xBD\xB2"
```

So, we should make a work around by changing test.
Please commit it.

Thanks. I'll commit it later.

#3 - 10/12/2012 10:30 PM - Anonymous

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

This issue was solved with changeset r37167.
Hiroshi, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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