

Backport193 - Backport #5911

File.expand_path produces malfunction string (it doesn't change on #encode)

01/19/2012 01:37 PM - funny_falcon (Yura Sokolov)

Status:	Closed
Priority:	Normal
Assignee:	
Description	
<pre>ruby-1.9.3-p0 :018 > a = "\u043f\u0440\u0438\u0432\u0442" => "/привет" ruby-1.9.3-p0 :019 > a.bytes.to_a => [47, 208, 191, 209, 128, 208, 184, 208, 178, 208, 181, 209, 130] ruby-1.9.3-p0 :020 > a.encoding => #<Encoding:UTF-8> ruby-1.9.3-p0 :021 > b = a.encode('cp1251') => "\/xEF\xF0\xE8\xE2\xE5\xF2" ruby-1.9.3-p0 :022 > b.bytes.to_a => [47, 239, 240, 232, 226, 229, 242] ruby-1.9.3-p0 :023 > b.encoding => #<Encoding:Windows-1251> ruby-1.9.3-p0 :024 > c = File.expand_path(b) => "\/xEF\xF0\xE8\xE2\xE5\xF2" ruby-1.9.3-p0 :025 > c.bytes.to_a => [47, 239, 240, 232, 226, 229, 242] ruby-1.9.3-p0 :026 > c.encoding => #<Encoding:Windows-1251> ruby-1.9.3-p0 :027 > d = c.encode('utf-8') => "\/xEF\xF0\xE8\xE2\xE5\xF2" ruby-1.9.3-p0 :028 > d.bytes.to_a => [47, 239, 240, 232, 226, 229, 242] ruby-1.9.3-p0 :029 > d.encoding => #<Encoding:UTF-8> ruby-1.9.3-p0 :030 > b == c => true ruby-1.9.3-p0 :031 > a == d => false ruby-1.9.3-p0 :032 > c.force_encoding(c.encoding) => "\/xEF\xF0\xE8\xE2\xE5\xF2" ruby-1.9.3-p0 :033 > e = c.encode('utf-8') => "/привет" ruby-1.9.3-p0 :034 > e.bytes.to_a => [47, 208, 191, 209, 128, 208, 184, 208, 178, 208, 181, 209, 130] ruby-1.9.3-p0 :035 > e.encoding => #<Encoding:UTF-8> ruby-1.9.3-p0 :036 > a == e => true</pre>	
Initially I found this bug in Windows (with RubyInstaller). It confirmed in Linux with ruby installed by rvm, but not confirmed when I install same version from git repository to other path :(So that I think bug exists, but it is very hidden.	
Related issues:	
Related to Backport193 - Backport #5533: Pathname's raising "invalid sequence"	Closed 11/01/2011

Associated revisions

Revision 0e305c5a - 02/06/2012 11:38 AM - naruse (Yui NARUSE)

merge revision(s) 33603: [Backport #5533] [Backport #5911]

```
* file.c (file_expand_path): reset coderange after expanding path.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@34441 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 34441 - 02/06/2012 11:38 AM - naruse (Yui NARUSE)

merge revision(s) 33603: [Backport #5533] [Backport #5911]

```
* file.c (file_expand_path): reset coderange after expanding path.
```

History

#1 - 01/19/2012 02:45 PM - naruse (Yui NARUSE)

- *Tracker changed from Bug to Backport*
- *Project changed from Ruby master to Backport193*
- *Category deleted (core)*
- *Target version deleted (1.9.3)*

r33603 fixes this.

#2 - 01/19/2012 03:00 PM - funny_falcon (Yura Sokolov)

I tried install from source again to the different directory, and bug exposed.
Bug had found in 'v1_9_3_0' tag and current 'ruby_1_9_3' branch (source got from github).
Bug hadn't found in trunk branch.

#3 - 01/19/2012 03:01 PM - funny_falcon (Yura Sokolov)

O, sorry, I didn't refresh browser before sending comment.

#4 - 02/06/2012 08:38 PM - naruse (Yui NARUSE)

- *Status changed from Open to Closed*
- *% Done changed from 0 to 100*

This issue was solved with changeset [r34441](#).
Yura, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

merge revision(s) 33603: [Backport [#5533](#)] [Backport [#5911](#)]

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