

Ruby master - Bug #8866

frozen string literal("foo"f) can ignore source encoding after r42843.

09/05/2013 05:49 PM - nagachika (Tomoyuki Chikanaga)

Status:	Closed	
Priority:	Normal	
Assignee:	charliesome (Charlie Somerville)	
Target version:	2.1.0	
ruby -v:	ruby 2.1.0dev (2013-09-05 trunk 42844) [x86_64-darwin11.4.2]	Backport: 1.9.3: DONTNEED, 2.0.0: DONTNEED

Description

Hello,

After r42843, frozen string literal can have encoding different from script encoding.

example:

usascii.rb:

coding: us-ascii

```
def usascii
  "foo"f
end
```

utf8.rb:

coding: utf-8

```
def utf8
  "foo"f
end
```

```
$ ruby -r./usascii -r./utf8 -e 'p [usascii.object_id == utf8.object_id, usascii.encoding, utf8.encoding]'
[true, #Encoding:US-ASCII, #Encoding:US-ASCII]
```

```
$ ruby -r./utf8 -r./usascii -e 'p [usascii.object_id == utf8.object_id, usascii.encoding, utf8.encoding]'
[true, #Encoding:UTF-8, #Encoding:UTF-8]
```

It is because fstring_hash_type use rb_str_cmd for compare functions.

rb_str_cmd() treat strings contains only ascii characters with ascii compatible encodings as same strings.

Regards.

Associated revisions

Revision 7eafeaa3 - 09/05/2013 09:07 AM - charliesome (Charlie Somerville)

- string.c (fstring_cmp): take string encoding into account when comparing fstrings [ruby-core:57037] [Bug #8866]
- test/ruby/test_string.rb: add test

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@42847 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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History

#1 - 09/05/2013 06:07 PM - charliesome (Charlie Somerville)

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

This issue was solved with changeset r42847.

Tomoyuki, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

- `string.c (fstring_cmp)`: take string encoding into account when comparing fstrings [ruby-core:57037] [Bug [#8866](#)]
- `test/ruby/test_string.rb`: add test