

Ruby master - Bug #8995

encode! readbyte

10/08/2013 04:49 PM - hsbt (Hiroshi SHIBATA)

Status:	Third Party's Issue	
Priority:	Normal	
Assignee:		
Target version:	2.1.0	
ruby -v:	ruby 2.1.0dev (2013-10-07 trunk 43160) [x86_64-darwin12.5.0]	Backport: 1.9.3: UNKNOWN, 2.0.0: UNKNOWN

Description

```
=begin
Rails 2.0 2.1

(())

$ ruby -v
=> ruby 2.1.0dev (2013-10-07 trunk 43160) [x86_64-darwin12.5.0]
$ ruby -rstringio -e "Encoding.default_internal = Encoding::UTF_8; p StringIO.new(File.read('x.jpg')).readbyte"
=> 255
$ ruby -rstringio -e "Encoding.default_internal = Encoding::UTF_8; p
StringIO.new(File.read('x.jpg').force_encoding('UTF-8')).encode!.readbyte"
=> 239

rails2.0 rails4 post

$ ruby -v
=> ruby 2.0.0p326 (2013-10-05 revision 43144) [x86_64-darwin13.0.0]
$ ruby -rstringio -e "Encoding.default_internal = Encoding::UTF_8; p StringIO.new(File.read('x.jpg')).readbyte"
=> 255
$ ruby -rstringio -e "Encoding.default_internal = Encoding::UTF_8; p
StringIO.new(File.read('x.jpg').force_encoding('UTF-8')).encode!.readbyte"
=> 255

rails rails4 post

railsFile.binread

=end
```

Associated revisions

Revision 95a6be1a - 11/22/2013 08:50 AM - naruse (Yui NARUSE)

- transcode.c (str_transcode0): don't scrub invalid chars if str.encode doesn't have explicit invalid: :replace. workaround fix for see #8995

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@43802 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 43802 - 11/22/2013 08:50 AM - naruse (Yui NARUSE)

- transcode.c (str_transcode0): don't scrub invalid chars if str.encode doesn't have explicit invalid: :replace. workaround fix for see #8995

Revision 43802 - 11/22/2013 08:50 AM - naruse (Yui NARUSE)

- transcode.c (str_transcode0): don't scrub invalid chars if str.encode doesn't have explicit invalid: :replace. workaround fix for see #8995

Revision 43802 - 11/22/2013 08:50 AM - naruse (Yui NARUSE)

- transcode.c (str_transcode0): don't scrub invalid chars if str.encode doesn't have explicit invalid: :replace. workaround fix for see #8995

Revision 43802 - 11/22/2013 08:50 AM - naruse (Yui NARUSE)

- transcode.c (str_transcode0): don't scrub invalid chars if str.encode doesn't have explicit invalid: :replace. workaround fix for see #8995

Revision 43802 - 11/22/2013 08:50 AM - naruse (Yui NARUSE)

- transcode.c (str_transcode0): don't scrub invalid chars if str.encode doesn't have explicit invalid: :replace. workaround fix for see #8995

Revision 43802 - 11/22/2013 08:50 AM - naruse (Yui NARUSE)

- transcode.c (str_transcode0): don't scrub invalid chars if str.encode doesn't have explicit invalid: :replace. workaround fix for see #8995

History

#1 - 10/08/2013 05:11 PM - nobu (Nobuyoshi Nakada)

```
=begin
XXXXXXXXXXXXXXXXXXXX
$ ruby -E:UTF-8 -e 'p "\xff".encode.unpack("C*")'
239_191_189XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
=end
```

#2 - 10/08/2013 07:01 PM - hsbt (Hiroshi SHIBATA)

- Category set to core
- Target version set to 2.1.0

#3 - 10/08/2013 10:18 PM - nobu (Nobuyoshi Nakada)

- Description updated

```
=begin
r40390

* transcode.c (str_transcode0): If invalid: :replace is specified for
String#encode, replace invalid byte sequence even if the destination
encoding equals to the source encoding.

(((encode_params)))XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX(((valid_encoding)))XXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX(((ASCII-8BIT)))XXXXXXXXXX
=end
```

#4 - 10/08/2013 11:06 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Third Party's Issue

```
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

#5 - 10/08/2013 11:14 PM - hsbt (Hiroshi SHIBATA)

```
rails XXXXXXX rails 3 XXXXXXXXXXXXXXXXXXXXXXXinvalid utf-8 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXrails XXXXXXXXXXXXXXXXXXXXXXX
```

#6 - 10/08/2013 11:34 PM - nobu (Nobuyoshi Nakada)

```
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

#7 - 10/10/2013 10:56 AM - naruse (Yui NARUSE)

```
XXXXXXXXXXXXXXXXXXXX

return params.force_encoding("UTF-8").encode!
XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
XXX
return params.force_encoding("UTF-16").encode!
XXXXXXXXXXXX Ruby 2.1 XXXXXXXXXXXXXXXXXXXXXXX

XXXXXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXXXXXXXXXASCII-8BITXXXXXXXXXXXXXXXXXXXXXXXXXXXX
```

#8 - 11/23/2013 11:34 AM - nobu (Nobuyoshi Nakada)

workaround UTF-8 malformed UTF-8