Ruby master - Bug #3599
Incorrect Regexp inspect for ASCII-8BIT String
07/22/2010 12:10 PM - phasis68 (Heesob Park)

<table>
<thead>
<tr>
<th>Status:</th>
<th>Closed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Priority:</td>
<td>Normal</td>
</tr>
<tr>
<td>Assignee:</td>
<td></td>
</tr>
<tr>
<td>Target version:</td>
<td>2.0.0</td>
</tr>
<tr>
<td>ruby -v:</td>
<td>ruby 1.9.3dev (2010-07-22 trunk 28707) [i686-linux]</td>
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</tbody>
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Description
=end

irb(main):001:0> a = Regexp.new("\xF1\xF2\xF3".force_encoding('ASCII-8BIT'))
=> /\xF1/
irb(main):002:0> puts a.inspect
/\xF1/ => nil
irb(main):003:0> "\xF0\xF1".force_encoding('ASCII-8BIT') =~ a
=> nil
irb(main):004:0> a.source
=> "\xF1\xF2\xF3"
irb(main):005:0> "\xF0\xF1\xF2\xF3".force_encoding('ASCII-8BIT') =~ a
=> 1
=end

History
#1 - 07/22/2010 04:21 PM - phasis68 (Heesob Park)
=begin
Here is a simple patch for this bug.

--- re.c 2010-07-22 16:12:01.536788151 +0900
+++ re.c.new 2010-07-22 16:13:15.229038356 +0900
@@ -373,7 +373,8 @@
| int l;
| if (resenc) {
| unsigned int c = rb_enc_mbc_to_codepoint(p, pend, enc);
|     
|     - l = rb_str_buf_cat_escaped_char(str, c, unicode_p);
|     + l = rb_str_buf_cat_escaped_char(str, c, unicode_p);
|     - l = clen;              }              else {      l = mbclen(p, pend, enc);
|     + l = clen;
| }

=begin

#2 - 07/22/2010 04:37 PM - naruse (YUI NARUSE)
- Status changed from Open to Closed
- % Done changed from 0 to 100

=begin
This issue was solved with changeset r28715.
Heesob, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

=begin