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>Backport:</td>
<td></td>
</tr>
</tbody>
</table>

**ruby -v:**
ruby 1.9.3dev (2010-07-22 trunk 28707) [i686-linux]

**Description**

```ruby
#begin
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)**

```ruby
#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);

#end
```

**#2 - 07/22/2010 04:37 PM - naruse (Yui NARUSE)**

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

```ruby
#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.
#end
```