Ruby master - Bug #5126
Unicode character classes interpolated into regex throws exception
08/01/2011 09:31 AM - xaviershay (Xavier Shay)

Status: Closed
Priority: Normal
Assignee: 
Target version: 1.9.3
ruby -v: ruby 1.9.3dev (2011-07-31 revision 32789) [x86_64-darwin10.7.0]
Backport: 

Description
The following script runs under 1.9.2-p290:

```ruby
# encoding: UTF-8
letter = '\p{L}'
atext = "#{letter}"
/#{atext}/
```

Under 1.9.3-preview1 it raises an exception:

test.rb:6:in `<main>': invalid character property name \{L\}: /\{L\}/ (RegexpError)

The interpolation is necessary to reproduce this bug, unicode character classes work fine when entered directly into the regex.

JRuby has a similar bug: [http://jira.codehaus.org/browse/JRUBY-5622](http://jira.codehaus.org/browse/JRUBY-5622)

This technique is used in datamapper to build a regex for matching emails: [https://github.com/datamapper/dm-validations/blob/master/lib/dm-validations/formats/email.rb](https://github.com/datamapper/dm-validations/blob/master/lib/dm-validations/formats/email.rb)

Related issues:
Has duplicate Backport193 - Backport #5287: 1.9.3 - Interpolation in a string... Closed 09/07/2011

Associated revisions
Revision db42bd04 - 08/01/2011 03:10 AM - naruse (Yui NARUSE)

- insns.def (concatstrings): don't use initial ASCII-8BIT string. [ruby-core:38635] [Bug #5126]
  git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@32791 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 32791 - 08/01/2011 03:10 AM - naruse (Yui NARUSE)

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Revision 05c2cc90 - 09/09/2011 07:02 AM - naruse (Yui NARUSE)
merge revision(s) r32791:

* insns.def (concatstrings): don't use initial ASCII-8BIT string. [ruby-core:38635] [Bug #5126]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_3@33236 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 08/01/2011 12:10 PM - naruse (Yui NARUSE)
- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r32791.
Xavier, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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