Ruby master - Bug #7471
character class has duplicated range warning for "" =~ /\[\w\W\]/
11/30/2012 08:06 AM - drbrain (Eric Hodel)

Status: Closed
Priority: Normal
Assignee: naruse (Yui NARUSE)
Target version: 2.0.0
ruby -v: -

Description
=begin
The warning seems bogus, \w and \W do not overlap.

$ cat test.rb
$-w = true
"" =~ /[\w\W]/
$ make runruby
/Users/drbrain/Work/svn/ruby/trunk/test.rb:3: warning: character class has duplicated range: /[\w\W]/

There is no warning with 1.9.3:

$ ~/.multiruby/install/1.9.3-p194/bin/ruby -v test.rb
ruby 1.9.3p194 (2012-04-20 revision 35410) [x86_64-darwin12.1.0]
[no output]

This affects abbrev.rb:

/usr/local/lib/ruby/2.0.0/abbrev.rb:77: warning: character class has duplicated range: /[\w\W]\z/
=end

Associated revisions
Revision 3c4633a3 - 11/30/2012 04:01 AM - knu (Akinori MUSHA)
Stop using a regexp that causes a false warning.
  • lib/abbrev.rb (Abbrev#abbrev): Stop using a regexp that causes a false warning. [Bug #7471]
git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38028 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 38028 - 11/30/2012 04:01 AM - knu (Akinori MUSHA)
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  • lib/abbrev.rb (Abbrev#abbrev): Stop using a regexp that causes a false warning. [Bug #7471]

Revision 38028 - 11/30/2012 04:01 AM - knu (Akinori MUSHA)
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Revision b44ac423 - 01/13/2013 09:51 PM - naruse (Yui NARUSE)
  - regparse.c (add_cltype_to_cc): don't check dup warn on adding negative cltype to cclass. [Bug #7471] [ruby-core:50344]
  git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38805 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 38805 - 01/13/2013 09:51 PM - naruse (Yui NARUSE)
  - regparse.c (add_cltype_to_cc): don't check dup warn on adding negative cltype to cclass. [Bug #7471] [ruby-core:50344]

Revision 38805 - 01/13/2013 09:51 PM - naruse (Yui NARUSE)
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History

#1 - 11/30/2012 12:13 PM - knu (Akinori MUSHA)
- Assignee changed from usa (Usaku NAKAMURA) to knu (Akinori MUSHA)

#2 - 11/30/2012 01:01 PM - knu (Akinori MUSHA)
- Status changed from Open to Closed
- % Done changed from 0 to 100

This issue was solved with changeset r38028.
Eric, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

Stop using a regexp that causes a false warning.
  - lib/abbrev.rb (Abbrev#abbrev): Stop using a regexp that causes a false warning. [Bug #7471]

#3 - 11/30/2012 01:02 PM - knu (Akinori MUSHA)
- Status changed from Closed to Open
- Assignee changed from knu (Akinori MUSHA) to naruse (Yui NARUSE)
While I worked around this, the warning itself looks like a bug in our regexp engine (Onigmo?).

#4 - 12/14/2012 04:49 PM - knu (Akinori MUSHA)
Onigmo doesn't have the code for detecting duplication in character class, so this problem seems to be on our own.

I narrowed the problem down:

```
% ruby@2.0.0 -EUS-ASCII -W2 -e '/\[\D\] /=~""'
-e:1: warning: character class has duplicated range: /\[\D\]/
% ruby@2.0.0 -EUS-ASCII -W2 -e '/\[\W\] /=~""'
-e:1: warning: character class has duplicated range: /\[\W\]/
```

Looks like CTYPE + NOT = FAIL.

#5 - 12/21/2012 10:22 PM - usa (Usaku NAKAMURA)
- Status changed from Open to Assigned

#6 - 01/14/2013 06:51 AM - naruse (Yui NARUSE)
- Status changed from Assigned to Closed

This issue was solved with changeset r38805.
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- regparse.c (add ctype to ccc): don't check dup warn on adding negative ctype to cclass. [Bug #7471] [ruby-core:50344]