

Ruby trunk - Feature #6173

re.c rb_memsearch() memchr()

03/18/2012 11:14 PM - Glass_saga (Masaki Matsushita)

Status:	Closed
Priority:	Normal
Assignee:	matz (Yukihiro Matsumoto)
Target version:	2.0.0
Description	
<pre>re.c rb_memsearch() m == 1 for memchr() require 'benchmark' str = "hoge" * 10000 + "\n" Benchmark.bm do x x.report do str.index("\n") end end trunk(r35083): user system total real 0.000000 0.000000 0.000000 (0.000185) proposal: user system total real 0.000000 0.000000 0.000000 (0.000018) patch</pre>	

Associated revisions

Revision 9f9ebe4e - 11/08/2012 01:40 PM - glass

- re.c (rb_memsearch): performance improvement by using memchr(). [ruby-dev:45397] [Feature #6173]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@37564 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 37564 - 11/08/2012 01:40 PM - glass

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History

#1 - 03/19/2012 12:10 AM - Glass_saga (Masaki Matsushita)

- File patch2.diff added

patch

#2 - 03/19/2012 09:26 AM - Glass_saga (Masaki Matsushita)

optflags='-O0 -g' trunk proposal

trunk(r35087):

user	system	total	real
0.000000	0.000000	0.000000	(0.000049)

proposal:

user	system	total	real
0.000000	0.000000	0.000000	(0.000019)

#3 - 03/30/2012 02:25 AM - mame (Yusuke Endoh)

- Status changed from Open to Assigned
 - Assignee set to matz (Yukihiko Matsumoto)

Glass_saga accept
 ChangeLog 8

matz

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 Yusuke Endoh mame@tsg.ne.jp

#4 - 10/27/2012 06:46 AM - ko1 (Koichi Sasada)

#5 - 11/03/2012 01:01 AM - Glass_saga (Masaki Matsushita)

require 'benchmark'
 str = " " * 10_000 + "\n"

```
Benchmark.bm do |x|
  x.report do
    10000.times do
      str.index("\n")
    end
  end
end
```

trunk(r37428):

user	system	total	real
0.940000	0.000000	0.940000	(0.933771)

proposal:

user	system	total	real
0.090000	0.000000	0.090000	(0.093609)

#6 - 11/08/2012 10:40 PM - Anonymous

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset [r37564](#).
Masaki, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

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- re.c (rb_memsearch): performance improvement by using memchr(). [ruby-dev:45397] [Feature [#6173](#)]

Files

patch.diff	532 Bytes	03/18/2012	Glass_saga (Masaki Matsushita)
patch2.diff	530 Bytes	03/19/2012	Glass_saga (Masaki Matsushita)