

Ruby master - Bug #13773

Improve String#prepend performance if only one argument is given

07/27/2017 07:50 AM - watson1978 (Shizuo Fujita)

Status: Closed	
Priority: Normal	
Assignee:	
Target version:	
ruby -v:	Backport: 2.2: UNKNOWN, 2.3: UNKNOWN, 2.4: UNKNOWN
Description This is very similar with https://github.com/ruby/ruby/pull/1634 If only one argument is given, this will prepend the string without generating temporary object. String#prepend -> 47.5 % up Before <pre>String#prepend 1.517M (± 1.8%) i/s - 7.614M in 5.019819s</pre> After <pre>String#prepend 2.236M (± 3.4%) i/s - 11.234M in 5.029716s</pre> Test code <pre>require 'benchmark/ips' Benchmark.ips do x x.report "String#prepend" do loop loop.times { "!".prepend("hello") } end end</pre> Patch https://github.com/ruby/ruby/pull/1670	

Associated revisions

Revision b03a44c4 - 10/27/2017 02:55 PM - watson1978 (Shizuo Fujita)

string.c: Improve String#prepend performance if only one argument is given

- string.c (rb_str_prepend_multi): Prepend the string without generating temporary String object if only one argument is given.
This is very similar with <https://github.com/ruby/ruby/pull/1634>

String#prepend -> 47.5 % up

[Fix GH-1670] [ruby-core:82195] [Bug #13773]

- Before
String#prepend 1.517M (± 1.8%) i/s - 7.614M in 5.019819s
- After
String#prepend 2.236M (± 3.4%) i/s - 11.234M in 5.029716s
- Test code
require 'benchmark/ips'

Benchmark.ips do |x|

```
x.report "String#prepend" do |loop|
loop.times { "!.prepend("hello") }
end
end
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@60480 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 60480 - 10/27/2017 02:55 PM - watson1978 (Shizuo Fujita)

string.c: Improve String#prepend performance if only one argument is given

- string.c (rb_str_prepend_multi): Prepend the string without generating temporary String object if only one argument is given.

This is very similar with <https://github.com/ruby/ruby/pull/1634>

String#prepend -> 47.5 % up

[Fix GH-1670] [ruby-core:82195] [Bug #13773]

- Before
String#prepend 1.517M (± 1.8%) i/s - 7.614M in 5.019819s
- After
String#prepend 2.236M (± 3.4%) i/s - 11.234M in 5.029716s
- Test code
require 'benchmark/ips'

```
Benchmark.ips do |x|
x.report "String#prepend" do |loop|
loop.times { "!.prepend("hello") }
end
end
```

Revision 60480 - 10/27/2017 02:55 PM - watson1978 (Shizuo Fujita)

string.c: Improve String#prepend performance if only one argument is given

- string.c (rb_str_prepend_multi): Prepend the string without generating temporary String object if only one argument is given.

This is very similar with <https://github.com/ruby/ruby/pull/1634>

String#prepend -> 47.5 % up

[Fix GH-1670] [ruby-core:82195] [Bug #13773]

- Before
String#prepend 1.517M (± 1.8%) i/s - 7.614M in 5.019819s
- After
String#prepend 2.236M (± 3.4%) i/s - 11.234M in 5.029716s
- Test code
require 'benchmark/ips'

```
Benchmark.ips do |x|
x.report "String#prepend" do |loop|
loop.times { "!.prepend("hello") }
end
end
```

Revision 60480 - 10/27/2017 02:55 PM - watson1978 (Shizuo Fujita)

string.c: Improve String#prepend performance if only one argument is given

- string.c (rb_str_prepend_multi): Prepend the string without generating temporary String object if only one argument is given.

This is very similar with <https://github.com/ruby/ruby/pull/1634>

String#prepend -> 47.5 % up

[Fix GH-1670] [ruby-core:82195] [Bug #13773]

- Before
String#prepend 1.517M (± 1.8%) i/s - 7.614M in 5.019819s
- After
String#prepend 2.236M (± 3.4%) i/s - 11.234M in 5.029716s
- Test code
require 'benchmark/ips'

```
Benchmark.ips do |x|
  x.report "String#prepend" do |loop|
    loop.times { "!".prepend("hello") }
  end
end
```

History

#1 - 10/27/2017 02:55 PM - watson1978 (Shizuo Fujita)

- Status changed from Open to Closed

Applied in changeset [trunk|r60480](#).

string.c: Improve String#prepend performance if only one argument is given

- string.c (rb_str_prepend_multi): Prepend the string without generating temporary String object if only one argument is given.
This is very similar with <https://github.com/ruby/ruby/pull/1634>

String#prepend -> 47.5 % up

[Fix GH-1670] [ruby-core:82195] [Bug [#13773](#)]

- Before
String#prepend 1.517M (± 1.8%) i/s - 7.614M in 5.019819s
- After
String#prepend 2.236M (± 3.4%) i/s - 11.234M in 5.029716s
- Test code
require 'benchmark/ips'

```
Benchmark.ips do |x|
  x.report "String#prepend" do |loop|
    loop.times { "!".prepend("hello") }
  end
end
```