

Ruby trunk - Bug #11132

String#sub and character sequence ` in replacement string

05/11/2015 08:48 AM - gettalong (Thomas Leitner)

Status: Closed	
Priority: Normal	
Assignee:	
Target version:	
ruby -v: ruby 2.2.2p95 (2015-04-13 revision 50295) [x86_64-linux]	Backport: 2.0.0: WONTFIX, 2.1: DONE, 2.2: DONE

Description

Hi,

I don't know if this is intentional but substitution of ` and ` in the replacement string was rather unexpected for me:

```
2.2.2 :001 > "this is a test".sub(/this/, "some text ` `")
=> "some text  is a test is a test"
```

I would have expected the following result:

```
=> "some text ` ` is a test"
```

The documentation says nothing about this, just that back-references can be used (i.e. `\d` or `\k<n>`).

A work-around is escaping the escape character:

```
2.2.2 :001 > "this is a test".sub(/this/, "some text `\\` `")
=> "some text ` ` is a test"
```

Thanks!

Associated revisions

Revision 5ffb21eb - 05/16/2015 12:41 PM - hsbt (Hiroshi SHIBATA)

- string.c: added documentation for character sequence ` with String#sub [Bug #11132][ruby-core:69121][fix GH-900][ci skip] Patch by @shishir127

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@50509 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 50509 - 05/16/2015 12:41 PM - hsbt (Hiroshi SHIBATA)

- string.c: added documentation for character sequence ` with String#sub [Bug #11132][ruby-core:69121][fix GH-900][ci skip] Patch by @shishir127

Revision 50509 - 05/16/2015 12:41 PM - hsbt (Hiroshi SHIBATA)

- string.c: added documentation for character sequence ` with String#sub [Bug #11132][ruby-core:69121][fix GH-900][ci skip] Patch by @shishir127

Revision 50509 - 05/16/2015 12:41 PM - hsbt (Hiroshi SHIBATA)

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Revision 50509 - 05/16/2015 12:41 PM - hsbt (Hiroshi SHIBATA)

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Revision 50509 - 05/16/2015 12:41 PM - hsbt (Hiroshi SHIBATA)

- string.c: added documentation for character sequence \ with String#sub [Bug #11132][ruby-core:69121][fix GH-900][ci skip] Patch by @shishir127

Revision a2126a67 - 05/21/2015 05:08 AM - usa (Usaku NAKAMURA)

merge revision(s) 50509: [Backport #11132]

```
* string.c: added documentation for character sequence \ with String#sub
[Bug #11132][ruby-core:69121][fix GH-900][ci skip] Patch by @shishir127
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_1@50582 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 50582 - 05/21/2015 05:08 AM - usa (Usaku NAKAMURA)

merge revision(s) 50509: [Backport #11132]

```
* string.c: added documentation for character sequence \ with String#sub
[Bug #11132][ruby-core:69121][fix GH-900][ci skip] Patch by @shishir127
```

Revision 637d0824 - 05/23/2015 06:39 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 50509: [Backport #11132]

```
* string.c: added documentation for character sequence \ with String#sub
[Bug #11132][ruby-core:69121][fix GH-900][ci skip] Patch by @shishir127
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_2@50628 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 50628 - 05/23/2015 06:39 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 50509: [Backport #11132]

```
* string.c: added documentation for character sequence \ with String#sub
[Bug #11132][ruby-core:69121][fix GH-900][ci skip] Patch by @shishir127
```

History

#1 - 05/11/2015 12:43 PM - nobu (Nobuyoshi Nakada)

It's a spec, but seems there is no docs about it.
This is a documentation issue.

#2 - 05/16/2015 12:41 PM - hsbt (Hiroshi SHIBATA)

- Status changed from Open to Closed

Applied in changeset r50509.

- string.c: added documentation for character sequence \ with String#sub [Bug #11132][ruby-core:69121][fix GH-900][ci skip] Patch by [shishir127](#) ([Shishir Joshi](#))

#3 - 05/21/2015 01:37 AM - usa (Usaku NAKAMURA)

- Backport changed from 2.0.0: UNKNOWN, 2.1: UNKNOWN, 2.2: UNKNOWN to 2.0.0: WONTFIX, 2.1: REQUIRED, 2.2: REQUIRED

#4 - 05/21/2015 05:08 AM - usa (Usaku NAKAMURA)

- Backport changed from 2.0.0: WONTFIX, 2.1: REQUIRED, 2.2: REQUIRED to 2.0.0: WONTFIX, 2.1: DONE, 2.2: REQUIRED

ruby_2_1 r50582 merged revision(s) 50509.

#5 - 05/23/2015 06:39 PM - nagachika (Tomoyuki Chikanaga)

- Backport changed from 2.0.0: WONTFIX, 2.1: DONE, 2.2: REQUIRED to 2.0.0: WONTFIX, 2.1: DONE, 2.2: DONE

Backported into ruby_2_2 branch at r50628.