

Ruby - Bug #14257

the chomp option removes newlines in additon to the provided separator for String#each_line and String#lines

12/28/2017 11:11 PM - AaronLasseigne (Aaron Lasseigne)

Status:	Closed	
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:	2.5.0	Backport: 2.3: DONTNEED, 2.4: DONTNEED, 2.5: DONE
Description I'm not entirely sure this is a bug but I had a hard time finding anything that indicated that the change was on purpose. The chomp option would remove the provided separator from each line. Now it does that and it also removes newlines. 2.4 <pre>> "a b c d\n".lines(' ', chomp: true) => ["a", "b", "c", "d\n"]</pre> 2.5 <pre>> "a b c d\n".lines(' ', chomp: true) => ["a", "b", "c", "d"]</pre>		

Associated revisions

Revision 634a48c5c1eba9d0d663759faf0c2156007a403a - 12/29/2017 12:19 PM - nobu (Nobuyoshi Nakada)

string.c: chomp rs at the end

- string.c (rb_str_enumerate_lines): should chomp record separator only, but not a newline, at the end of the receiver as well as middle, if the separator is given.
[ruby-core:84552] [Bug #14257]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@61513 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 634a48c5 - 12/29/2017 12:19 PM - nobu (Nobuyoshi Nakada)

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Revision 311d499f5e34c9ad65687d241f65c654393ad73b - 01/05/2018 08:39 PM - naruse (Yui NARUSE)

merge revision(s) 61513: [Backport #14257]

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[ruby-core:84552] [Bug #14257]
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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_5@61628 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 311d499f - 01/05/2018 08:39 PM - naruse (Yui NARUSE)

merge revision(s) 61513: [Backport #14257]

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Revision e043ae73488e7fa623632ddb51c70f1bae565 - 01/06/2018 08:44 AM - nobu (Nobuyoshi Nakada)

string.c: out-of-bounds access

- string.c (rb_str_enumerate_lines): fix out-of-bounds access when record separator is longer than the last element. [Bug #14257]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@61636 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision e043ae73 - 01/06/2018 08:44 AM - nobu (Nobuyoshi Nakada)

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- string.c (rb_str_enumerate_lines): fix out-of-bounds access when record separator is longer than the last element. [Bug #14257]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@61636 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 54cab0061e5f458b715f6f21b7f5f8769db61944 - 02/16/2018 07:36 AM - naruse (Yui NARUSE)

merge revision(s) 61636: [Backport #14257]

```
string.c: out-of-bounds access
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```
* string.c (rb_str_enumerate_lines): fix out-of-bounds access when
record separator is longer than the last element. [Bug #14257]
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_5@62421 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 54cab006 - 02/16/2018 07:36 AM - naruse (Yui NARUSE)

merge revision(s) 61636: [Backport #14257]

```
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* string.c (rb_str_enumerate_lines): fix out-of-bounds access when
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git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_5@62421 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

History

#1 - 12/29/2017 10:37 AM - shevegen (Robert A. Heiler)

I wanted to have a look but to my surprise, the documentation at:

<https://ruby-doc.org/core-2.5.0/String.html#method-i-lines>

does not seem to indicate more than one argument to this method?

Either way, could someone perhaps add a few examples to this method, on the documentation, perhaps also including the lines(' ', chomp: true) variant? Because as it presently is, I can't seem to find the chomp: true part. Perhaps it was added only somewhat recently.

#2 - 12/29/2017 12:19 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

Applied in changeset trunk|r61513.

string.c: chomp rs at the end

- string.c (rb_str_enumerate_lines): should chomp record separator

only, but not a newline, at the end of the receiver as well as middle, if the separator is given.
[\[ruby-core:84552\]](#) [Bug [#14257](#)]

#3 - 12/29/2017 12:20 PM - nobu (Nobuyoshi Nakada)

- Backport changed from 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN to 2.3: DONTNEED, 2.4: DONTNEED, 2.5: REQUIRED

#4 - 01/05/2018 08:39 PM - naruse (Yui NARUSE)

- Backport changed from 2.3: DONTNEED, 2.4: DONTNEED, 2.5: REQUIRED to 2.3: DONTNEED, 2.4: DONTNEED, 2.5: DONE

ruby_2_5 r61628 merged revision(s) 61513.

#5 - 01/06/2018 08:50 AM - nobu (Nobuyoshi Nakada)

- Backport changed from 2.3: DONTNEED, 2.4: DONTNEED, 2.5: DONE to 2.3: DONTNEED, 2.4: DONTNEED, 2.5: REQUIRED

Sorry, r61636 is needed too.
Huge RS with chomp option could cause a SEGV.

#6 - 02/16/2018 07:36 AM - naruse (Yui NARUSE)

- Backport changed from 2.3: DONTNEED, 2.4: DONTNEED, 2.5: REQUIRED to 2.3: DONTNEED, 2.4: DONTNEED, 2.5: DONE

ruby_2_5 r62421 merged revision(s) 61636.