

Ruby trunk - Bug #10476

String.strip remove characters different than pure whitespace

11/04/2014 03:42 PM - yld (Yves Le Douaron)

Status:	Closed	
Priority:	Normal	
Assignee:	zzak (Zachary Scott)	
Target version:	2.2.0	
ruby -v:	ruby 2.1.3p242	Backport: 2.0.0: UNKNOWN, 2.1: UNKNOWN
Description		
The official documentation (http://www.ruby-doc.org/core-2.1.4/String.html#method-i-strip) says: strip → new_str		
<i>Returns a copy of str with leading and trailing whitespace removed.</i>		
But		
<pre>[9] pry(main)> "#{0.chr}#{9.chr}#{10.chr}#{11.chr}#{12.chr}#{13.chr}#{32.chr}" => "\x00\t\n\v\f\r " [10] pry(main)> "#{0.chr}#{9.chr}#{10.chr}#{11.chr}#{12.chr}#{13.chr}#{32.chr}".length => 7 [11] pry(main)> "#{0.chr}#{9.chr}#{10.chr}#{11.chr}#{12.chr}#{13.chr}#{32.chr}".strip => ""</pre>		
<pre>([4] pry(main)> (0..255).each { char puts "char #{char} stripped" if char.chr.strip.empty? } char 0 stripped char 9 stripped char 10 stripped char 11 stripped char 12 stripped char 13 stripped char 32 stripped</pre>		
Stripped characters are		
<ol style="list-style-type: none">1. Null char (0)2. Horizontal Tab (9)3. Line Feed (10)4. Vertical Tab (11)5. Form Feed (12)6. Carriage Return (13)7. Space (32)		

Associated revisions

Revision 6abaf764 - 01/04/2015 03:37 AM - ayumin (Ayumu AIZAWA)

- string.c: improve docs for String#strip and variations. [ruby-core:66081][Bug #10476]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@49135 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 49135 - 01/04/2015 03:37 AM - ayumin (Ayumu AIZAWA)

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History

#1 - 11/04/2014 04:34 PM - yld (Yves Le Douaron)

With the old 1.8.7 interpreter, the behaviour of strip was different:

```
1.8.7-head :010 > "#{0.chr}#{9.chr}#{10.chr}#{11.chr}#{12.chr}#{13.chr}#{32.chr}".strip
=> "\000"
1.8.7-head :011 > "#{0.chr}#{9.chr}#{10.chr}#{11.chr}#{12.chr}#{13.chr}#{32.chr}#{0.chr}".strip
=> "\000\t\n\v\f\r ."
```

The null character was stripped from the end of the string but not from the beginning...

#2 - 11/05/2014 03:16 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Rejected

As the example in the doc states, "whitespace" includes these characters.

#3 - 11/05/2014 09:01 AM - yld (Yves Le Douaron)

The example only includes 4 of these 7 characters, null, form feed and vertical tab are missing.

Maybe a documentation update could be useful?

#4 - 11/05/2014 11:43 AM - nobu (Nobuyoshi Nakada)

- Category changed from core to doc

- Status changed from Rejected to Assigned

- Assignee changed from ruby-core to zzak (Zachary Scott)

Yes, definitely.

#5 - 11/15/2014 06:51 PM - Anonymous

- File bug-10476.patch added

How about something like this?

#6 - 11/24/2014 10:52 AM - yld (Yves Le Douaron)

It looks perfect.

#7 - 01/04/2015 03:37 AM - ayumin (Ayumu AIZAWA)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

Applied in changeset [r49135](#).

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- string.c: improve docs for String#strip and variations. [ruby-core:66081][Bug [#10476](#)]

Files

bug-10476.patch	2.16 KB	11/15/2014	Anonymous
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