

Ruby trunk - Feature #5219

Array#pack should warn (or raise) if an invalid pack string is given

08/24/2011 02:21 AM - drbrain (Eric Hodel)

Status:	Closed
Priority:	Normal
Assignee:	drbrain (Eric Hodel)
Target version:	2.0.0
Description	
If garbage characters are inserted into the pack string ruby ignores them:	
<pre>\$ ruby19 -e 'p [1, 2, 3].pack("*N")' "\x00\x00\x00\x01"</pre>	
<pre>\$ ruby19 -e 'p [1, 2, 3].pack("yN")' "\x00\x00\x00\x01"</pre>	
Ruby should at least warn like printf when -w is active:	
<pre>\$ ruby19 -we 'printf "%d %d", 1, 2, 3' -e:1: warning: too many arguments for format string</pre>	
A future version could raise an exception.	
See also: https://github.com/rubinius/rubinius/issues/1127	

Associated revisions

Revision 6ba4bd58 - 04/10/2012 10:33 PM - drbrain (Eric Hodel)

- pack.c (pack_pack): Warn when an invalid character is found in the format string when \$VERBOSE is true. [ruby-trunk - Feature #5219]
- pack.c (pack_unpack): ditto
- test/ruby/test_pack.rb (class TestPack): Test for warnings on invalid format characters.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@35292 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 35292 - 04/10/2012 10:33 PM - drbrain (Eric Hodel)

- pack.c (pack_pack): Warn when an invalid character is found in the format string when \$VERBOSE is true. [ruby-trunk - Feature #5219]
- pack.c (pack_unpack): ditto
- test/ruby/test_pack.rb (class TestPack): Test for warnings on invalid format characters.

Revision 35292 - 04/10/2012 10:33 PM - drbrain (Eric Hodel)

- pack.c (pack_pack): Warn when an invalid character is found in the format string when \$VERBOSE is true. [ruby-trunk - Feature #5219]
- pack.c (pack_unpack): ditto
- test/ruby/test_pack.rb (class TestPack): Test for warnings on invalid format characters.

Revision 35292 - 04/10/2012 10:33 PM - drbrain (Eric Hodel)

- pack.c (pack_pack): Warn when an invalid character is found in the format string when \$VERBOSE is true. [ruby-trunk - Feature #5219]
- pack.c (pack_unpack): ditto
- test/ruby/test_pack.rb (class TestPack): Test for warnings on invalid format characters.

Revision 35292 - 04/10/2012 10:33 PM - drbrain (Eric Hodel)

- pack.c (pack_pack): Warn when an invalid character is found in the format string when \$VERBOSE is true. [ruby-trunk - Feature #5219]
- pack.c (pack_unpack): ditto
- test/ruby/test_pack.rb (class TestPack): Test for warnings on invalid format characters.

Revision 35292 - 04/10/2012 10:33 PM - drbrain (Eric Hodel)

- pack.c (pack_pack): Warn when an invalid character is found in the format string when \$VERBOSE is true. [ruby-trunk - Feature #5219]
- pack.c (pack_unpack): ditto
- test/ruby/test_pack.rb (class TestPack): Test for warnings on invalid format characters.

- pack.c (pack_pack): Warn when an invalid character is found in the format string when \$VERBOSE is true. [ruby-trunk - Feature #5219]
- pack.c (pack_unpack): ditto
- test/ruby/test_pack.rb (class TestPack): Test for warnings on invalid format characters.

Revision 35292 - 04/10/2012 10:33 PM - drbrain (Eric Hodel)

- pack.c (pack_pack): Warn when an invalid character is found in the format string when \$VERBOSE is true. [ruby-trunk - Feature #5219]
- pack.c (pack_unpack): ditto
- test/ruby/test_pack.rb (class TestPack): Test for warnings on invalid format characters.

History

#1 - 03/11/2012 03:21 PM - ko1 (Koichi Sasada)

- Tracker changed from Bug to Feature

#2 - 03/27/2012 02:46 AM - mame (Yusuke Endoh)

- Status changed from Open to Assigned

- Assignee set to drbrain (Eric Hodel)

drbrain,

Ruby should at least warn like printf when -w is active:

Agreed. Could you offer a patch?

I think you can commit it, unless there is objection.

--

Yusuke Endoh mame@tsg.ne.jp

#3 - 03/27/2012 09:09 AM - drbrain (Eric Hodel)

- File pack.c.warn_on_unknown_directive.patch added

I was helping someone else write a patch, but they have gone missing.

Can you check this patch?

#4 - 04/11/2012 07:34 AM - drbrain (Eric Hodel)

- Status changed from Assigned to Closed

- % Done changed from 0 to 100

This issue was solved with changeset r35292.

Eric, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

-
- pack.c (pack_pack): Warn when an invalid character is found in the format string when \$VERBOSE is true. [ruby-trunk - Feature [#5219](#)]
 - pack.c (pack_unpack): ditto
 - test/ruby/test_pack.rb (class TestPack): Test for warnings on invalid format characters.

Files

pack.c.warn_on_unknown_directive.patch	1.51 KB	03/27/2012	drbrain (Eric Hodel)
--	---------	------------	----------------------