

Backport200 - Backport #8467

Rewinding and iterating through gzipped IO leads to segmentation fault

06/01/2013 12:15 AM - vicente.mundim (Vicente Mundim)

Status:	Closed
Priority:	Normal
Assignee:	nagachika (Tomoyuki Chikanaga)
Description	
The following steps reproduce the bug in 2.0.0:	
<ul style="list-style-type: none">• Create a file and gzip it in a terminal: <pre>echo "some content" > compressed_file && gzip compressed_file</pre>	
Then start a IRB session with the following code:	
<pre>require 'zlib' filename = "compressed_file.gz" io = Zlib::GzipReader.new(open(filename, 'rb')) io.rewind io.each {} # segmentation_fault in Ruby 2.0.0</pre>	
This works in Ruby 1.9.3, 1.9.2, and 1.8.7.	

Associated revisions

Revision aa8cc01a - 05/31/2013 11:00 PM - nobu (Nobuyoshi Nakada)

zlib.c: check EOF

- ext/zlib/zlib.c (gzfile_read, gzfile_read_all, gzfile_getc), (gzreader_gets): check EOF. [ruby-core:55220] [Bug #8467]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@41014 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 41014 - 05/31/2013 11:00 PM - nobu (Nobuyoshi Nakada)

zlib.c: check EOF

- ext/zlib/zlib.c (gzfile_read, gzfile_read_all, gzfile_getc), (gzreader_gets): check EOF. [ruby-core:55220] [Bug #8467]

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Revision cc94db60 - 06/04/2013 03:44 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 41014: [Backport #8467]

```
* ext/zlib/zlib.c (gzfile_read, gzfile_read_all, gzfile_getc),
  (gzreader_gets): check EOF. [ruby-core:55220] [Bug #8467]
```

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* ext/zlib/zlib.c (gzfile_read, gzfile_read_all, gzfile_getc),
  (gzreader_gets): check EOF. [ruby-core:55220] [Bug #8467]
```

```
* lib/cgi/util.rb: All class methods moduleized.
```

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_2_0_0@41073 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 41073 - 06/04/2013 03:44 PM - nagachika (Tomoyuki Chikanaga)

merge revision(s) 41014: [Backport #8467]

```
* ext/zlib/zlib.c (gzfile_read, gzfile_read_all, gzfile_getc),
  (gzreader_gets): check EOF. [ruby-core:55220] [Bug #8467]
```

```
* ext/zlib/zlib.c (gzfile_read, gzfile_read_all, gzfile_getc),
  (gzreader_gets): check EOF. [ruby-core:55220] [Bug #8467]
```

```
* lib/cgi/util.rb: All class methods moduleized.
```

History

#1 - 06/01/2013 08:00 AM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

- % Done changed from 0 to 100

This issue was solved with changeset [r41014](#).
Vicente, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

zlib.c: check EOF

- ext/zlib/zlib.c (gzfile_read, gzfile_read_all, gzfile_getc), (gzreader_gets): check EOF. [ruby-core:55220] [Bug [#8467](#)]

#2 - 06/01/2013 08:01 AM - nobu (Nobuyoshi Nakada)

- Backport changed from 1.9.3: UNKNOWN, 2.0.0: UNKNOWN to 2.0.0: REQUIRED

#3 - 06/01/2013 11:54 AM - nagachika (Tomoyuki Chikanaga)

- Tracker changed from Bug to Backport

- Project changed from Ruby trunk to Backport200

- Category deleted (lib)

- Status changed from Closed to Assigned

- Assignee set to nagachika (Tomoyuki Chikanaga)

#4 - 06/05/2013 12:45 AM - nagachika (Tomoyuki Chikanaga)

- Status changed from Assigned to Closed

This issue was solved with changeset [r41073](#).
Vicente, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

merge revision(s) 41014: [Backport [#8467](#)]

```
* ext/zlib/zlib.c (gzfile_read, gzfile_read_all, gzfile_getc),
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* lib/cgi/util.rb: All class methods moduleized.
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Files

zlib_bug.rb	152 Bytes	06/01/2013	vicente.mundim (Vicente Mundim)
ruby_2013-05-31-121414_vm-imac.crash	8.99 KB	06/01/2013	vicente.mundim (Vicente Mundim)