

Backport192 - Backport #3910

SEGV at fptr_finalize

10/06/2010 11:12 AM - Glass_saga (Masaki Matsushita)

Status:	Closed
Priority:	Normal
Assignee:	yugui (Yuki Sonoda)
Description	
<pre>=begin #####SEGV##### #- coding: utf-8 - require 'rubygems' require 'nokogiri' require 'open-uri' require 'RMagick' def create io = open("data","w+:UTF-8") io.print "hoge" end create doc = Nokogiri::XML(open("http://www.google.co.jp/")) puts "sleep" sleep --####-- ~/ruby% ruby SEGV.rb internal:lib/rubygems/custom_require:29: [BUG] Segmentation fault ruby 1.9.2p0 (2010-08-18) [i686-linux] -- control frame ----- c:0014 p:---- s:0088 b:0088 l:000087 d:000087 CFUNC :require c:0013 p:0013 s:0084 b:0084 l:000083 d:000083 METHOD internal:lib/rubygems/custom_require:29 c:0012 p:0132 s:0079 b:0079 l:000078 d:000078 METHOD /usr/local/lib/ruby/1.9.1/open-uri.rb:260 c:0011 p:0024 s:0059 b:0059 l:000058 d:000058 METHOD /usr/local/lib/ruby/1.9.1/open-uri.rb:769 c:0010 p:0047 s:0053 b:0053 l:000ca0 d:000052 BLOCK /usr/local/lib/ruby/1.9.1/open-uri.rb:203 c:0009 p:---- s:0051 b:0051 l:000050 d:000050 FINISH c:0008 p:---- s:0049 b:0049 l:000048 d:000048 CFUNC :catch c:0007 p:0491 s:0045 b:0045 l:000ca0 d:000ca0 METHOD /usr/local/lib/ruby/1.9.1/open-uri.rb:201 c:0006 p:0328 s:0031 b:0031 l:000030 d:000030 METHOD /usr/local/lib/ruby/1.9.1/open-uri.rb:146 c:0005 p:0022 s:0020 b:0020 l:000019 d:000019 METHOD /usr/local/lib/ruby/1.9.1/open-uri.rb:671 c:0004 p:0096 s:0015 b:0015 l:000014 d:000014 METHOD /usr/local/lib/ruby/1.9.1/open-uri.rb:33 c:0003 p:0093 s:0008 b:0007 l:0024ec d:001bf8 EVAL SEGV.rb:14 c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH c:0001 p:0000 s:0002 b:0002 l:0024ec d:0024ec TOP -- Ruby level backtrace information ----- SEGV.rb:14:in <main>' /usr/local/lib/ruby/1.9.1/open-uri.rb:33:inopen' /usr/local/lib/ruby/1.9.1/open-uri.rb:671:in open' /usr/local/lib/ruby/1.9.1/open-uri.rb:146:inopen_uri' /usr/local/lib/ruby/1.9.1/open-uri.rb:201:in open_loop' /usr/local/lib/ruby/1.9.1/open-uri.rb:201:incatch' /usr/local/lib/ruby/1.9.1/open-uri.rb:203:in block in open_loop' /usr/local/lib/ruby/1.9.1/open-uri.rb:769:inbuffer_open' /usr/local/lib/ruby/1.9.1/open-uri.rb:260:in open_http' <internal:lib/rubygems/custom_require>:29:inrequire'</pre>	

[internal:lib/rubygems/custom_require:29:in `require'](#)

```
-- C level backtrace information -----  
ruby(rb_vm_bugreport+0xa5) [0x81613e5]  
ruby() [0x81a0189]  
ruby(rb_bug+0x28) [0x81a0238]  
ruby() [0x80f34d8]  
[0x2a3410]  
ruby() [0x8137b72]  
ruby(rb_class_path+0x16) [0x8137d76]  
ruby(rb_obj_classname+0x3a) [0x813888a]  
ruby() [0x81a1835]  
ruby(rb_check_typeddata+0x26) [0x81a18f6]  
ruby(rb_mutex_lock+0x1c) [0x816723c]  
ruby(rb_mutex_synchronize+0x12) [0x81677e2]  
ruby() [0x8077edc]  
ruby() [0x80782ed]  
ruby(rb_io_fptr_finalize+0xd4) [0x8078c44]  
ruby() [0x806711e]  
ruby(rb_gc_finalize_deferred+0x29) [0x8067679]  
ruby() [0x8164e35]  
ruby() [0x8151a8f]  
ruby(rb_funcall+0x9a) [0x815264a]  
ruby(rb_hash_aref+0x5d) [0x806cb1d]  
ruby() [0x81a8dbb]  
ruby(rb_realpath_internal+0x179) [0x81a9999]  
ruby() [0x814929e]  
ruby(rb_iseq_new_with_opt+0x7b) [0x814b5bb]  
ruby() [0x8139a91]  
ruby() [0x813daf4]  
ruby() [0x813b1cb]  
ruby(rb_iseq_compile_node+0x85c) [0x81438fc]  
ruby(rb_iseq_new_with_opt+0x8a) [0x814b5ca]  
ruby() [0x8139a91]  
ruby() [0x813e276]  
ruby() [0x813b1cb]  
ruby(rb_iseq_compile_node+0x85c) [0x81438fc]  
ruby(rb_iseq_new_with_opt+0x8a) [0x814b5ca]  
ruby() [0x8139a91]  
ruby() [0x813e276]  
ruby() [0x813b1cb]  
ruby(rb_iseq_compile_node+0x68e) [0x814372e]  
ruby() [0x814af82]  
ruby(rb_iseq_new_top+0x41) [0x814b1c1]  
ruby() [0x81a2705]  
ruby(rb_require_safe+0x54a) [0x81a3d9a]  
ruby() [0x8158181]  
ruby() [0x815a528]  
ruby() [0x815df06]  
ruby() [0x815f09d]  
ruby(rb_catch_obj+0x9f) [0x814c86f]  
ruby() [0x814da96]  
ruby() [0x814ccc5]  
ruby() [0x8158181]  
ruby() [0x815a528]  
ruby() [0x815df06]  
ruby(rb_iseq_eval_main+0x1c7) [0x815e2d7]  
ruby() [0x805e492]  
ruby(ruby_run_node+0x32) [0x805fcb2]  
ruby(main+0x5a) [0x805d6ca]  
/lib/tls/i686/cmov/libc.so.6(__libc_start_main+0xe6) [0x3d4bd6]  
ruby() [0x805d5d1]
```

[NOTE]

You may have encountered a bug in the Ruby interpreter or extension libraries.
Bug reports are welcome.

For details: <http://www.ruby-lang.org/bugreport.html>

```
zsh: abort    ruby SEGV.rb
```

```
rmagick 2.13.1 nokogiri 1.4.3.1
--disable-shared
=end
```

Related issues:

Has duplicate Backport192 - Backport #3951: Seg Fault with Rails 3 and Unicorn	Closed	10/16/2010
Has duplicate Backport192 - Backport #3959: Ruby 1.9.2p0 Segmentation fault u...	Closed	10/18/2010
Has duplicate Ruby trunk - Bug #3973: Unexpected error and segmentation fault...	Closed	10/21/2010
Has duplicate Backport192 - Backport #4003: Segmentation fault	Closed	10/29/2010
Is duplicate of Ruby trunk - Bug #4048: Segmentation Fault	Closed	11/13/2010
Has duplicate Ruby trunk - Bug #3941: Segmentation fault ruby 1.9.2p0 [x86_6...	Closed	10/13/2010
Has duplicate Ruby trunk - Bug #4162: C segfault in TCPSocket CFUNC :read	Closed	12/15/2010
Has duplicate Backport192 - Backport #4240: segment fault on ruby on rails pr...	Closed	01/06/2011
Has duplicate Ruby trunk - Bug #5107: Segmentation fault	Closed	07/27/2011

Associated revisions

Revision 03144f6df01df8b115436e5d916d3e5c3ed30212 - 10/23/2010 09:36 AM - yugui (Yuki Sonoda)

merges r29415 from trunk into ruby_1_9_2. fixes #3910 #3951 and #3959.

- io.c (fptr_finalize): write_mutex might have been destroyed already in finalization phase, as the order of finalizers is not guaranteed. rb_mutex_t should be used in place of Mutex object in the future.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/branches/ruby_1_9_2@29564 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 03144f6d - 10/23/2010 09:36 AM - yugui (Yuki Sonoda)

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Revision 29564 - 10/23/2010 09:36 AM - yugui (Yuki Sonoda)

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- io.c (fptr_finalize): write_mutex might have been destroyed already in finalization phase, as the order of finalizers is not guaranteed. rb_mutex_t should be used in place of Mutex object in the future.

History

#1 - 10/06/2010 11:40 AM - sorah (Sorah Fukumori)

```
=begin
sora_h
C level tracktrace
```

```
#-- coding: utf-8 --
require 'open-uri'
```

```
def create
io = open("/dev/null","w")
io.print "hoge"
end
```

```
create
```

```
doc = open("http://www.google.co.jp/")
```

```
--
```

[internal:lib/rubygems/custom_require:29](#): [BUG] Segmentation fault
ruby 1.9.2p0 (2010-08-18) [x86_64-darwin10.4.0]

```
-- control frame -----
c:0014 p:---- s:0087 b:0087 l:000086 d:000086 CFUNC :require
```

```
c:0013 p:0013 s:0083 b:0083 l:000082 d:000082 METHOD internal:lib/rubygems/custom\_require:29
c:0012 p:0132 s:0078 b:0078 l:000077 d:000077 METHOD /Users/sorah/git/ruby/core/lib/open-uri.rb:260
c:0011 p:0024 s:0058 b:0058 l:000057 d:000057 METHOD /Users/sorah/git/ruby/core/lib/open-uri.rb:769
c:0010 p:0047 s:0052 b:0052 l:002290 d:000051 BLOCK /Users/sorah/git/ruby/core/lib/open-uri.rb:203
c:0009 p:---- s:0050 b:0050 l:000049 d:000049 FINISH
c:0008 p:---- s:0048 b:0048 l:000047 d:000047 CFUNC :catch
c:0007 p:0491 s:0044 b:0044 l:002290 d:002290 METHOD /Users/sorah/git/ruby/core/lib/open-uri.rb:201
c:0006 p:0328 s:0030 b:0030 l:000029 d:000029 METHOD /Users/sorah/git/ruby/core/lib/open-uri.rb:146
c:0005 p:0022 s:0019 b:0019 l:000018 d:000018 METHOD /Users/sorah/git/ruby/core/lib/open-uri.rb:671
c:0004 p:0096 s:0014 b:0014 l:000013 d:000013 METHOD /Users/sorah/git/ruby/core/lib/open-uri.rb:33
c:0003 p:0050 s:0007 b:0007 l:001598 d:0018a0 EVAL test.rb:11
c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH
c:0001 p:0000 s:0002 b:0002 l:001598 d:001598 TOP
```

-- Ruby level backtrace information -----

```
test.rb:11:in <main>
/Users/sorah/git/ruby/core/lib/open-uri.rb:33:in open'
/Users/sorah/git/ruby/core/lib/open-uri.rb:671:in open'
/Users/sorah/git/ruby/core/lib/open-uri.rb:146:in open_uri'
/Users/sorah/git/ruby/core/lib/open-uri.rb:201:in open_loop'
/Users/sorah/git/ruby/core/lib/open-uri.rb:201:incatch'
/Users/sorah/git/ruby/core/lib/open-uri.rb:203:in block in open_loop'
/Users/sorah/git/ruby/core/lib/open-uri.rb:769:inbuffer_open'
/Users/sorah/git/ruby/core/lib/open-uri.rb:260:in open_http'
<internal:lib/rubygems/custom_require>:29:inrequire'
internal:lib/rubygems/custom\_require:29:in `require'
```

-- C level backtrace information -----

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=end

#2 - 10/06/2010 12:16 PM - nobu (Nobuyoshi Nakada)

- Status changed from Open to Closed

=begin

This issue was solved with changeset r29415.

Masaki, thank you for reporting this issue.

Your contribution to Ruby is greatly appreciated.

May Ruby be with you.

=end

#3 - 10/06/2010 12:18 PM - nobu (Nobuyoshi Nakada)

- Status changed from Closed to Assigned

- Assignee set to yugui (Yuki Sonoda)

=begin

=end

#4 - 10/06/2010 12:19 PM - nobu (Nobuyoshi Nakada)

- Category set to core

=begin

=end

#5 - 10/21/2010 03:11 PM - naruse (Yui NARUSE)

- Status changed from Assigned to Closed

=begin

=end