

Ruby master - Bug #4866

Mac make check IO.copy_stream SEGV

06/10/2011 11:35 PM - kosaki (Motohiro KOSAKI)

Status: Closed	
Priority: Normal	
Assignee: akr (Akira Tanaka)	
Target version: 1.9.3	
ruby -v: -	Backport:
Description	
make check	
.	
#245 test_io.rb:99:in `block in `': at_exit { p :foo }	
<pre>megacontent = "abc" * 12345678 #File.open("megasrc", "w") { f f << megacontent }</pre>	
<pre>Thread.new { sleep rand*0.2; Process.kill(:INT, \$\$) }</pre>	
<pre>r1, w1 = IO.pipe r2, w2 = IO.pipe t1 = Thread.new { w1 << megacontent; w1.close } t2 = Thread.new { r2.read; r2.close } IO.copy_stream(r1, w2) rescue nil w2.close r1.close t1.join t2.join #=> killed by SIGABRT (signal 6)</pre>	
bootstraptest.tmp.rb:13: [BUG] Segmentation fault ruby 1.9.3dev (2011-06-10 trunk 31985) [x86_64-darwin10.7.4] -- Control frame information ----- c:0004 p:---- s:0019 b:0019 l:000018 d:000018 CFUNC :copy_stream c:0003 p:0145 s:0014 b:0013 l:002188 d:000b40 EVAL bootstraptest.tmp.rb:13 c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH c:0001 p:0000 s:0002 b:0002 l:002188 d:002188 TOP -- Ruby level backtrace information ----- bootstraptest.tmp.rb:13:in <main> bootstraptest.tmp.rb:13:incopy_stream' -- See Crash Report log file under ~/Library/Logs/CrashReporter or ----- -- /Library/Logs/CrashReporter, for the more detail of ----- -- C level backtrace information ----- -- Other runtime information ----- * Loaded script: bootstraptest.tmp.rb * Loaded features: 0 enumerator.so 1 /Users/kosaki/ruby/.ext/x86_64-darwin10.7.4/enc/encdb.bundle 2 /Users/kosaki/ruby/.ext/x86_64-darwin10.7.4/enc/trans/transdb.bundle 3 /Users/kosaki/ruby/lib/rubygems/defaults.rb 4 /Users/kosaki/ruby/lib/tsort.rb 5 /Users/kosaki/ruby/lib/rubygems/deprecate.rb	

```
| 6 /Users/kosaki/ruby/lib/rubygems/dependency_list.rb
| 7 /Users/kosaki/ruby/lib/rubygems/path_support.rb
| 8 /Users/kosaki/ruby/rbconfig.rb
| 9 /Users/kosaki/ruby/lib/rubygems/exceptions.rb
| 10 /Users/kosaki/ruby/lib/rubygems/custom_require.rb
| 11 /Users/kosaki/ruby/lib/rubygems/version.rb
| 12 /Users/kosaki/ruby/lib/rubygems/requirement.rb
| 13 /Users/kosaki/ruby/lib/rubygems/platform.rb
| 14 /Users/kosaki/ruby/lib/rubygems/specification.rb
| 15 /Users/kosaki/ruby/lib/rubygems.rb
|
```

| [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>

| megacontent-copy_stream

FAIL 1/925 tests failed

make: *** [yes-btest-ruby] Error 1

[1] 95841 exit 2 make check OPTS="-v" TESTS="-v -q -j8 "

Process: ruby-193 [96102]

Path: /Users/kosaki/ruby/ruby-193

Identifier: ruby-193

Version: ??? (???)

Code Type: X86-64 (Native)

Parent Process: ruby-193 [95844]

Date/Time: 2011-06-10 23:24:40.171 +0900

OS Version: Mac OS X 10.6.7 (10J4138)

Report Version: 6

Exception Type: EXC_BAD_ACCESS (SIGABRT)

Exception Codes: KERN_INVALID_ADDRESS at 0x000000079656e860

Crashed Thread: 0 Dispatch queue: com.apple.main-thread

Application Specific Information:

abort() called

Thread 0 Crashed: Dispatch queue: com.apple.main-thread

```
0 libSystem.B.dylib 0x00007fff885225d6 __kill + 10
1 libSystem.B.dylib 0x00007fff885c2cde abort + 83
2 ruby-193 0x0000000100038262 rb_bug_errno + 0
3 ruby-193 0x00000001000fc442 signal_exec + 0
4 libSystem.B.dylib 0x00007fff8853466a _sigtramp + 26
5 ruby-193 0x00000001000fc510 rb_signal_exec + 51
6 ruby-193 0x000000010018556f rb_threadptr_execute_interrupts_rec + 211
7 ruby-193 0x0000000100185706 rb_thread_execute_interrupts + 26
8 ruby-193 0x000000010006d4e7 exec_interrupts + 29
9 ruby-193 0x00000001001853d3 rb_thread_call_with_gvl + 162
10 ruby-193 0x000000010006d548 maygvl_copy_stream_continue_p + 90
11 ruby-193 0x000000010006dc6a maygvl_copy_stream_read + 134
12 ruby-193 0x000000010006dfb7 nogvl_copy_stream_read_write + 443
13 ruby-193 0x000000010006e069 nogvl_copy_stream_func + 47
14 ruby-193 0x000000010018519b rb_thread_blocking_region + 216
15 ruby-193 0x000000010006e919 copy_stream_body + 1457
16 ruby-193 0x000000010003e487 rb_ensure + 151
17 ruby-193 0x000000010006eb5d rb_io_s_copy_stream + 378
18 ruby-193 0x00000001001754a0 call_cfunc + 282
19 ruby-193 0x0000000100175307 vm_call_cfunc + 284
20 ruby-193 0x00000001001744d0 vm_call_method + 373
21 ruby-193 0x000000010016f032 vm_exec_core + 11449
22 ruby-193 0x000000010017ee0a vm_exec + 147
23 ruby-193 0x000000010017f7dd rb_iseq_eval_main + 45
24 ruby-193 0x000000010003d0cb ruby_exec_internal + 193
25 ruby-193 0x000000010003d1ef ruby_exec_node + 30
26 ruby-193 0x000000010003d1c2 ruby_run_node + 56
```

27 ruby-193 0x000000010000d23 main + 79 (main.c:40)
28 ruby-193 0x000000010000ccc start + 52

Thread 1:

0 libSystem.B.dylib 0x00007fff8850ef8a __semwait_signal + 10
1 libSystem.B.dylib 0x00007fff88512da1 _pthread_cond_wait + 1286
2 ruby-193 0x0000000100182af6 native_cond_timedwait + 37
3 ruby-193 0x00000001001834a5 thread_timer + 121
4 libSystem.B.dylib 0x00007fff8850d4f6 _pthread_start + 331
5 libSystem.B.dylib 0x00007fff8850d3a9 thread_start + 13

Thread 2:

0 libSystem.B.dylib 0x00007fff8850ef8a __semwait_signal + 10
1 libSystem.B.dylib 0x00007fff88512da1 _pthread_cond_wait + 1286
2 ruby-193 0x0000000100182af6 native_cond_timedwait + 37
3 ruby-193 0x00000001001831b5 native_sleep + 270
4 ruby-193 0x0000000100184b9d sleep_timeval + 129
5 ruby-193 0x0000000100184d31 sleep_for_polling + 44
6 ruby-193 0x0000000100184db2 rb_thread_polling + 78
7 ruby-193 0x00000001000fc061 rb_f_kill + 703
8 ruby-193 0x00000001001754a0 call_cfunc + 282
9 ruby-193 0x0000000100175307 vm_call_cfunc + 284
10 ruby-193 0x00000001001744d0 vm_call_method + 373
11 ruby-193 0x000000010016f032 vm_exec_core + 11449
12 ruby-193 0x000000010017ee0a vm_exec + 147
13 ruby-193 0x000000010017d922 invoke_block_from_c + 584
14 ruby-193 0x000000010017daa8 rb_vm_invoke_proc + 253
15 ruby-193 0x0000000100183da8 thread_start_func_2 + 512
16 ruby-193 0x0000000100182ec5 thread_start_func_1 + 51
17 libSystem.B.dylib 0x00007fff8850d4f6 _pthread_start + 331
18 libSystem.B.dylib 0x00007fff8850d3a9 thread_start + 13

Thread 3:

0 libSystem.B.dylib 0x00007fff8850ef8a __semwait_signal + 10
1 libSystem.B.dylib 0x00007fff88512da1 _pthread_cond_wait + 1286
2 ruby-193 0x0000000100182ab7 native_cond_wait + 29
3 ruby-193 0x0000000100182772 gvl_acquire + 90
4 ruby-193 0x000000010018505b blocking_region_end + 33
5 ruby-193 0x00000001001852be rb_thread_io_blocking_region + 207
6 ruby-193 0x000000010005d017 rb_write_internal + 60
7 ruby-193 0x000000010005d941 io_binwrite + 852
8 ruby-193 0x000000010005dd41 io_fwrite + 158
9 ruby-193 0x000000010005de8f io_write + 247
10 ruby-193 0x000000010005df31 io_write_m + 34
11 ruby-193 0x00000001001754d7 call_cfunc + 337
12 ruby-193 0x000000010017895f vm_call0 + 685
13 ruby-193 0x0000000100179d9d rb_call0 + 171
14 ruby-193 0x0000000100179cf0 rb_call + 59
15 ruby-193 0x0000000100179fbd rb_funcall + 534
16 ruby-193 0x000000010005df61 rb_io_write + 46
17 ruby-193 0x000000010005df80 rb_io_addstr + 29
18 ruby-193 0x00000001001754d7 call_cfunc + 337
19 ruby-193 0x0000000100175307 vm_call_cfunc + 284
20 ruby-193 0x00000001001744d0 vm_call_method + 373
21 ruby-193 0x000000010017232e vm_exec_core + 24501
22 ruby-193 0x000000010017ee0a vm_exec + 147
23 ruby-193 0x000000010017d922 invoke_block_from_c + 584
24 ruby-193 0x000000010017daa8 rb_vm_invoke_proc + 253
25 ruby-193 0x0000000100183da8 thread_start_func_2 + 512
26 ruby-193 0x0000000100182ec5 thread_start_func_1 + 51
27 libSystem.B.dylib 0x00007fff8850d4f6 _pthread_start + 331
28 libSystem.B.dylib 0x00007fff8850d3a9 thread_start + 13

Thread 4:

0 libSystem.B.dylib 0x00007fff8850ef8a __semwait_signal + 10
1 libSystem.B.dylib 0x00007fff88512da1 _pthread_cond_wait + 1286
2 ruby-193 0x0000000100182ab7 native_cond_wait + 29

```

3 ruby-193          0x0000000100182772 gvl_acquire + 90
4 ruby-193          0x000000010018505b blocking_region_end + 33
5 ruby-193          0x00000001001852be rb_thread_io_blocking_region + 207
6 ruby-193          0x000000010005cfd9 rb_read_internal + 60
7 ruby-193          0x000000010005ec76 io_bufread + 79
8 ruby-193          0x000000010005edfb io_fread + 160
9 ruby-193          0x000000010005f941 read_all + 335
10 ruby-193         0x00000001000600fe io_read + 128
11 ruby-193         0x00000001001754a0 call_cfunc + 282
12 ruby-193         0x0000000100175307 vm_call_cfunc + 284
13 ruby-193         0x00000001001744d0 vm_call_method + 373
14 ruby-193         0x000000010016f032 vm_exec_core + 11449
15 ruby-193         0x000000010017ee0a vm_exec + 147
16 ruby-193         0x000000010017d922 invoke_block_from_c + 584
17 ruby-193         0x000000010017daa8 rb_vm_invoke_proc + 253
18 ruby-193         0x0000000100183da8 thread_start_func_2 + 512
19 ruby-193         0x0000000100182ec5 thread_start_func_1 + 51
20 libSystem.B.dylib 0x00007fff8850d4f6 _pthread_start + 331
21 libSystem.B.dylib 0x00007fff8850d3a9 thread_start + 13

```

Thread 0 crashed with X86 Thread State (64-bit):

```

rax: 0x0000000000000000 rbx: 0x000000000000000d rcx: 0x000000010035c948 rdx: 0x0000000000000000
rdi: 0x0000000000001776 rsi: 0x0000000000000006 rbp: 0x000000010035c960 rsp: 0x000000010035c948
r8: 0x00007fff70f2da40 r9: 0x0000000000000000 r10: 0x00007fff8851e616 r11: 0xfffff80002e4730
r12: 0x0000000000000000 r13: 0x0000000000000000 r14: 0x000000010180c888 r15: 0x00000001005ffef8
rip: 0x00007fff885225d6 rfi: 0x0000000000000202 cr2: 0x000000010035afd8

```

Binary Images:

```

0x100000000 - 0x100225fe7 +ruby-193 ??? (???) /Users/kosaki/ruby/ruby-193
0x100362000 - 0x100363fff +encdb.bundle ??? (???) /Users/kosaki/ruby/.ext/x86_64-darwin10.7.4/enc/encdb.bundle
0x100366000 - 0x100367fff +transdb.bundle ??? (???) /Users/kosaki/ruby/.ext/x86_64-darwin10.7.4/enc/trans/transdb.bundle
0x7fff5fc00000 - 0x7fff5fc3bdef dyld 132.1 (???) /usr/lib/dyld
0x7fff805a7000 - 0x7fff8065dfff libobjc.A.dylib 227.0.0 (compatibility 1.0.0) /usr/lib/libobjc.A.dylib
0x7fff862ec000 - 0x7fff862f0ff7 libmathCommon.A.dylib 315.0.0 (compatibility 1.0.0) /usr/lib/system/libmathCommon.A.dylib
0x7fff86677000 - 0x7fff866f4fef libstdc++.6.dylib 7.9.0 (compatibility 7.0.0) /usr/lib/libstdc++.6.dylib
0x7fff884d3000 - 0x7fff88694fff libSystem.B.dylib 125.2.10 (compatibility 1.0.0) /usr/lib/libSystem.B.dylib
0x7fff88789000 - 0x7fff887d5fff libauto.dylib ??? (???) /usr/lib/libauto.dylib
0x7ffffe00000 - 0x7ffffe01fff libSystem.B.dylib ??? (???) /usr/lib/libSystem.B.dylib

```

History

#1 - 06/11/2011 11:29 AM - akr (Akira Tanaka)

- ruby -v changed from ruby 1.9.3dev (2011-06-10 trunk 31985) [x86_64-darwin10.7.4] to -

2011/6/10 Motohiro KOSAKI kosaki.motohiro@gmail.com:

```
make check
```

```
Mac

```

```
--
[Tanaka Akira]
```

#2 - 06/11/2011 11:29 AM - akr (Akira Tanaka)

2011/6/10 Motohiro KOSAKI kosaki.motohiro@gmail.com:

```
make check
```

```
Mac

```

```
--
[Tanaka Akira]
```

#3 - 06/11/2011 01:23 PM - nobu (Nobuyoshi Nakada)

At Sat, 11 Jun 2011 11:23:32 +0900,
Tanaka Akira wrote in [ruby-dev:43702]:

```
make check
```

```
Mac  
.
```

```
--  
--- Bug  
--- Bug  
  2  2
```

#4 - 06/11/2011 01:23 PM - nobu (Nobuyoshi Nakada)

At Sat, 11 Jun 2011 11:23:32 +0900,
Tanaka Akira wrote in [ruby-dev:43702]:

```
make check
```

```
Mac  
.
```

```
--  
--- Bug  
--- Bug  
  2  2
```

#5 - 06/11/2011 04:21 PM - ko1 (Koichi Sasada)

- Status changed from Assigned to Closed