

## Ruby master - Bug #4927

### crash on test/coverage/test\_coverage.rb

06/26/2011 03:06 AM - kosaki (Motohiro KOSAKI)

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Assignee:</b> nagachika (Tomoyuki Chikanaga)	
<b>Target version:</b> 1.9.3	
<b>ruby -v:</b> -	<b>Backport:</b>
<b>Description</b>	
test-all w/ --gc-stress got crash on may mac os x.	
% time make test-all TESTS="-v -q -j8 --gc-stress"	
/Users/kosaki/ruby/test/coverage/test_coverage.rb:11: [BUG] Segmentation fault ruby 1.9.3dev (2011-06-26 trunk 32229) [x86_64-darwin10.7.4]	
-- Control frame information ----- c:0021 p:---- s:0090 b:0090 l:000089 d:000089 CFUNC :result c:0020 p:0033 s:0087 b:0087 l:000086 d:000086 METHOD /Users/kosaki/ruby/test/coverage/test_coverage.rb:11 c:0019 p:0063 s:0083 b:0083 l:000060 d:000060 METHOD /Users/kosaki/ruby/lib/minitest/unit.rb:948 c:0018 p:---- s:0077 b:0077 l:000076 d:000076 FINISH c:0017 p:---- s:0075 b:0075 l:000074 d:000074 CFUNC :call c:0016 p:0065 s:0071 b:0071 l:0000638 d:000070 LAMBDA /Users/kosaki/ruby/lib/test/unit.rb:198 c:0015 p:---- s:0067 b:0067 l:000066 d:000066 FINISH c:0014 p:0025 s:0065 b:0065 l:000064 d:000064 METHOD /Users/kosaki/ruby/lib/test/unit/testcase.rb:17 c:0013 p:0090 s:0061 b:0061 l:000049 d:000060 BLOCK /Users/kosaki/ruby/lib/minitest/unit.rb:787 c:0012 p:---- s:0055 b:0055 l:000054 d:000054 FINISH c:0011 p:---- s:0053 b:0053 l:000052 d:000052 CFUNC :map c:0010 p:0124 s:0050 b:0050 l:000049 d:000049 METHOD /Users/kosaki/ruby/lib/minitest/unit.rb:780 c:0009 p:0139 s:0042 b:0042 l:001f80 d:001f80 METHOD /Users/kosaki/ruby/lib/test/unit/parallel.rb:48 c:0008 p:0015 s:0026 b:0026 l:000017 d:000025 BLOCK /Users/kosaki/ruby/lib/test/unit/parallel.rb:23 c:0007 p:---- s:0023 b:0023 l:000022 d:000022 FINISH c:0006 p:---- s:0021 b:0021 l:000020 d:000020 CFUNC :map c:0005 p:0012 s:0018 b:0018 l:000017 d:000017 METHOD /Users/kosaki/ruby/lib/test/unit/parallel.rb:22 c:0004 p:0353 s:0013 b:0013 l:000012 d:000012 METHOD /Users/kosaki/ruby/lib/test/unit/parallel.rb:113 c:0003 p:0074 s:0006 b:0006 l:0021d8 d:000598 EVAL /Users/kosaki/ruby/lib/test/unit/parallel.rb:156 c:0002 p:---- s:0004 b:0004 l:000003 d:000003 FINISH c:0001 p:0000 s:0002 b:0002 l:0021d8 d:0021d8 TOP	
-- Ruby level backtrace information ----- /Users/kosaki/ruby/lib/test/unit/parallel.rb:156:in <main> /Users/kosaki/ruby/lib/test/unit/parallel.rb:113:inrun' /Users/kosaki/ruby/lib/test/unit/parallel.rb:22:in _run_suites' /Users/kosaki/ruby/lib/test/unit/parallel.rb:22:inmap' /Users/kosaki/ruby/lib/test/unit/parallel.rb:23:in block in _run_suites' /Users/kosaki/ruby/lib/test/unit/parallel.rb:48:in_run_suite' /Users/kosaki/ruby/lib/minitest/unit.rb:780:in _run_suite' /Users/kosaki/ruby/lib/minitest/unit.rb:780:inmap' /Users/kosaki/ruby/lib/minitest/unit.rb:787:in block in _run_suite' /Users/kosaki/ruby/lib/test/unit/testcase.rb:17:inrun' /Users/kosaki/ruby/lib/test/unit.rb:198:in block (2 levels) in non_options' /Users/kosaki/ruby/lib/test/unit.rb:198:incall' /Users/kosaki/ruby/lib/minitest/unit.rb:948:in run' /Users/kosaki/ruby/test/coverage/test_coverage.rb:11:intest_result_with_nothing' /Users/kosaki/ruby/test/coverage/test_coverage.rb:11:in `result'	
-- 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: /Users/kosaki/ruby/lib/test/unit/parallel.rb

- Loaded features:

0 enumerator.so

- 1 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/encdb.bundle
- 2 /Users/kosaki/ruby/build/.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/build/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
- 16 /Users/kosaki/ruby/lib/optparse.rb
- 17 /Users/kosaki/ruby/lib/minitest/unit.rb
- 18 /Users/kosaki/ruby/lib/prettyprint.rb
- 19 /Users/kosaki/ruby/lib/pp.rb
- 20 /Users/kosaki/ruby/lib/test/unit/assertions.rb
- 21 /Users/kosaki/ruby/lib/test/unit/testcase.rb
- 22 /Users/kosaki/ruby/lib/test/unit.rb
- 23 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/-test-/string/string.bundle
- 24 /Users/kosaki/ruby/test/-ext-/string/test\_ellipsize.rb
- 25 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/single\_byte.bundle
- 26 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/big5.bundle
- 27 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/big5.bundle
- 28 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/cp949.bundle
- 29 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/korean.bundle
- 30 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/emacs\_mule.bundle
- 31 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/euc\_jp.bundle
- 32 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/japanese\_euc.bundle
- 33 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/euc\_kr.bundle
- 34 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/euc\_tw.bundle
- 35 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/gb18030.bundle
- 36 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/gb18030.bundle
- 37 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/gbk.bundle
- 38 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/gbk.bundle
- 39 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_1.bundle
- 40 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_2.bundle
- 41 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_3.bundle
- 42 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_4.bundle
- 43 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_5.bundle
- 44 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_6.bundle
- 45 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_7.bundle
- 46 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_8.bundle
- 47 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_9.bundle
- 48 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_10.bundle
- 49 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_11.bundle
- 50 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_13.bundle
- 51 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_14.bundle
- 52 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_15.bundle
- 53 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_16.bundle
- 54 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/koi8\_r.bundle
- 55 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/koi8\_u.bundle
- 56 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/shift\_jis.bundle
- 57 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/japanese\_sjis.bundle
- 58 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/utf\_16be.bundle
- 59 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/utf\_16\_32.bundle
- 60 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/utf\_16le.bundle
- 61 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/utf\_32be.bundle
- 62 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/utf\_32le.bundle

```
63 /Users/kosaki/ruby/build/.ext/x86_64-darwin10.7.4/enc/windows_1251.bundle
64 /Users/kosaki/ruby/build/.ext/x86_64-darwin10.7.4/enc/trans/iso2022.bundle
65 /Users/kosaki/ruby/build/.ext/x86_64-darwin10.7.4/enc/gb2312.bundle
66 /Users/kosaki/ruby/build/.ext/x86_64-darwin10.7.4/enc/trans/chinese.bundle
67 /Users/kosaki/ruby/build/.ext/x86_64-darwin10.7.4/enc/trans/utf8_mac.bundle
68 /Users/kosaki/ruby/build/.ext/x86_64-darwin10.7.4/enc/trans/emoji.bundle
69 /Users/kosaki/ruby/build/.ext/x86_64-darwin10.7.4/enc/trans/emoji_sjis_docomo.bundle
70 /Users/kosaki/ruby/build/.ext/x86_64-darwin10.7.4/enc/trans/emoji_sjis_kddi.bundle
71 /Users/kosaki/ruby/build/.ext/x86_64-darwin10.7.4/enc/trans/emoji_iso2022_kddi.bundle
72 /Users/kosaki/ruby/build/.ext/x86_64-darwin10.7.4/enc/trans/emoji_sjis_softbank.bundle
73 /Users/kosaki/ruby/lib/cgi/core.rb
74 /Users/kosaki/ruby/lib/cgi/cookie.rb
75 /Users/kosaki/ruby/lib/cgi/util.rb
76 /Users/kosaki/ruby/lib/cgi.rb
77 /Users/kosaki/ruby/build/.ext/x86_64-darwin10.7.4/stringio.bundle
78 /Users/kosaki/ruby/test/cgi/test CGI Util.rb
79 /Users/kosaki/ruby/build/.ext/x86_64-darwin10.7.4/coverage.bundle
80 /Users/kosaki/ruby/build/.ext/x86_64-darwin10.7.4/etc.bundle
81 /Users/kosaki/ruby/lib/fileutils.rb
82 /Users/kosaki/ruby/lib/tmpdir.rb
83 /Users/kosaki/ruby/test/coverage/test_coverage.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>

Some worker was crashed. It seems ruby interpreter's bug or, a bug of test/unit/parallel.rb. try again without -j option.

```
/Users/kosaki/ruby/lib/test/unit.rb:255:in write': closed stream (IOError)
from /Users/kosaki/ruby/lib/test/unit.rb:255:in inputs'
from /Users/kosaki/ruby/lib/test/unit.rb:255:in puts'
from /Users/kosaki/ruby/lib/test/unit.rb:503:in block (2 levels) in _run_parallel'
from /Users/kosaki/ruby/lib/timeout.rb:68:in timeout'
from /Users/kosaki/ruby/lib/timeout.rb:99:in timeout'
from /Users/kosaki/ruby/lib/test/unit.rb:502:in block in _run_parallel'
from /Users/kosaki/ruby/lib/test/unit.rb:500:in each'
from /Users/kosaki/ruby/lib/test/unit.rb:500:in ensure in _run_parallel'
from /Users/kosaki/ruby/lib/test/unit.rb:557:in _run_parallel'
from /Users/kosaki/ruby/lib/test/unit.rb:566:in _run_suites'
from /Users/kosaki/ruby/lib/minitest/unit.rb:746:in _run_anything'
from /Users/kosaki/ruby/lib/minitest/unit.rb:909:in run_tests'
from /Users/kosaki/ruby/lib/minitest/unit.rb:896:in block in _run'
from /Users/kosaki/ruby/lib/minitest/unit.rb:895:in each'
from /Users/kosaki/ruby/lib/minitest/unit.rb:895:in _run'
from /Users/kosaki/ruby/lib/minitest/unit.rb:884:in run'
from /Users/kosaki/ruby/lib/test/unit.rb:21:in run'
from /Users/kosaki/ruby/lib/test/unit.rb:635:in run'
from /Users/kosaki/ruby/lib/test/unit.rb:639:in run'
from ../test/runner.rb:13:in `'
```

```
Process: ruby-trunk [72096]
Path: /Users/kosaki/ruby/build/ruby-trunk
Identifier: ruby-trunk
Version: ??? (???)
Code Type: X86-64 (Native)
Parent Process: ruby-trunk [72091]
```

```
Date/Time: 2011-06-26 02:58:06.179 +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 0x0000000000002e3e
```

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 libruby.1.9.1.dylib    0x000000010003e27d 0x100003000 + 242301
3 libruby.1.9.1.dylib    0x0000000100106ac4 0x100003000 + 1063620
4 libSystem.B.dylib      0x00007fff8853466a _sigtramp + 26
5 libruby.1.9.1.dylib    0x000000010010f4cb st_foreach + 27 (st.c:741)
6 coverage.bundle        0x00000001003d1c83 rb_coverage_result + 67 (coverage.c:64)
7 libruby.1.9.1.dylib    0x00000001001839d3 vm_call_method + 931 (vm_inshelper.c:404)
8 libruby.1.9.1.dylib    0x0000000100172f5e vm_exec_core + 20270 (insns.def:1012)
9 libruby.1.9.1.dylib    0x00000001001782f3 vm_exec + 1459 (vm.c:1180)
10 libruby.1.9.1.dylib   0x0000000100179d4a vm_call0 + 1290 (vm_eval.c:66)
11 libruby.1.9.1.dylib   0x00000001000486a9 rb_method_call + 361 (proc.c:1426)
12 libruby.1.9.1.dylib   0x00000001001839d3 vm_call_method + 931 (vm_inshelper.c:404)
13 libruby.1.9.1.dylib   0x0000000100172f5e vm_exec_core + 20270 (insns.def:1012)
14 libruby.1.9.1.dylib   0x00000001001782f3 vm_exec + 1459 (vm.c:1180)
15 libruby.1.9.1.dylib   0x000000010017965d rb_vm_invoke_proc + 877 (vm.c:591)
16 libruby.1.9.1.dylib   0x0000000100183ddf vm_call_method + 1967 (vm_inshelper.c:428)
17 libruby.1.9.1.dylib   0x000000010017367e vm_exec_core + 22094 (insns.def:1048)
18 libruby.1.9.1.dylib   0x00000001001782f3 vm_exec + 1459 (vm.c:1180)
19 libruby.1.9.1.dylib   0x0000000100186610 rb_yield + 640 (vm.c:591)
20 libruby.1.9.1.dylib   0x0000000100012191 rb_ary_collect + 113 (array.c:2220)
21 libruby.1.9.1.dylib   0x00000001001839d3 vm_call_method + 931 (vm_inshelper.c:404)
22 libruby.1.9.1.dylib   0x0000000100172f5e vm_exec_core + 20270 (insns.def:1012)
23 libruby.1.9.1.dylib   0x00000001001782f3 vm_exec + 1459 (vm.c:1180)
24 libruby.1.9.1.dylib   0x0000000100186610 rb_yield + 640 (vm.c:591)
25 libruby.1.9.1.dylib   0x0000000100012191 rb_ary_collect + 113 (array.c:2220)
26 libruby.1.9.1.dylib   0x00000001001839d3 vm_call_method + 931 (vm_inshelper.c:404)
27 libruby.1.9.1.dylib   0x0000000100172f5e vm_exec_core + 20270 (insns.def:1012)
28 libruby.1.9.1.dylib   0x00000001001782f3 vm_exec + 1459 (vm.c:1180)
29 libruby.1.9.1.dylib   0x00000001001785eb rb_iseq_eval_main + 507 (vm.c:1422)
30 libruby.1.9.1.dylib   0x00000001000430a2 ruby_exec_internal + 178 (eval.c:201)
31 libruby.1.9.1.dylib   0x0000000100045dcc ruby_run_node + 60 (eval.c:248)
32 ruby-trunk             0x0000000100000ecf main + 79 (main.c:40)
33 ruby-trunk             0x0000000100000e74 start + 52
```

Thread 1:

```
0 libSystem.B.dylib      0x00007fff8850ef8a __semwait_signal + 10
1 libSystem.B.dylib      0x00007fff88512da1 _pthread_cond_wait + 1286
2 libruby.1.9.1.dylib    0x0000000100190236 thread_timer + 198 (thread_pthread.c:295)
3 libSystem.B.dylib      0x00007fff8850d4f6 _pthread_start + 331
4 libSystem.B.dylib      0x00007fff8850d3a9 thread_start + 13
```

Thread 2:

```
0 libSystem.B.dylib      0x00007fff884de986 read + 10
1 libruby.1.9.1.dylib    0x00000001001917b9 rb_thread_io_blocking_region + 185 (thread.c:1138)
2 libruby.1.9.1.dylib    0x0000000100066644 io_fillbuf + 116 (io.c:1227)
3 libruby.1.9.1.dylib    0x00000001000747ad rb_io_getline_1 + 3341 (io.c:2410)
4 libruby.1.9.1.dylib    0x0000000100074edc rb_io_gets_m + 44 (io.c:2591)
5 libruby.1.9.1.dylib    0x00000001001839d3 vm_call_method + 931 (vm_inshelper.c:404)
6 libruby.1.9.1.dylib    0x0000000100172f5e vm_exec_core + 20270 (insns.def:1012)
7 libruby.1.9.1.dylib    0x00000001001782f3 vm_exec + 1459 (vm.c:1180)
8 libruby.1.9.1.dylib    0x000000010017965d rb_vm_invoke_proc + 877 (vm.c:591)
9 libruby.1.9.1.dylib    0x0000000100192dec thread_start_func_2 + 1708 (thread.c:447)
10 libruby.1.9.1.dylib    0x0000000100193018 thread_start_func_1 + 104 (thread_pthread.c:621)
11 libSystem.B.dylib      0x00007fff8850d4f6 _pthread_start + 331
12 libSystem.B.dylib      0x00007fff8850d3a9 thread_start + 13
```

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

```
rax: 0x0000000000000000 rbx: 0x000000000000000b rcx: 0x0000000100344968 rdx: 0x0000000000000000
rdi: 0x000000000000119a0 rsi: 0x0000000000000006 rbp: 0x0000000100344980 rsp: 0x0000000100344968
r8: 0x00007fff70f2da40 r9: 0x0000000000000000 r10: 0x00007fff8851e616 r11: 0xfffff80002e4730
```

r12: 0x0000000100344990 r13: 0x00000001001a59ef r14: 0x0000000000000000 r15: 0x000000010083e040  
rip: 0x00007fff885225d6 rfi: 0x0000000000000202 cr2: 0x000000000375f000

Binary Images:

0x100000000 - 0x100000fff +ruby-trunk ??? (???) /Users/kosaki/ruby/build/ruby-trunk  
0x100030000 - 0x100226ff7 +libruby.1.9.1.dylib 1.9.1 (compatibility 1.9.1) /Users/kosaki/ruby/build/libruby.1.9.1.dylib  
0x10034a000 - 0x10034bfff +encdb.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/encdb.bundle  
0x10034e000 - 0x10034ffff +transdb.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/transdb.bundle  
0x100353000 - 0x100353fff +string.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/-test-/string/string.bundle  
0x100356000 - 0x10035bfff +stringio.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/stringio.bundle  
0x1003d1000 - 0x1003d1fff +coverage.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/coverage.bundle  
0x1003d4000 - 0x1003d5fff +etc.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/etc.bundle  
0x1003d9000 - 0x1003ecfff +single\_byte.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/single\_byte.bundle  
0x1003f5000 - 0x1003f6fef +big5.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/big5.bundle  
0x1003f9000 - 0x1003fafef +cp949.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/cp949.bundle  
0x1003fd000 - 0x1003fdfef +euc\_kr.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/euc\_kr.bundle  
0x102440000 - 0x1024cbfef +big5.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/big5.bundle  
0x1024ce000 - 0x1024cffff +emacs\_mule.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/emacs\_mule.bundle  
0x1024d2000 - 0x1024d3fef +euc\_jp.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/euc\_jp.bundle  
0x1024d6000 - 0x1024d7fef +euc\_tw.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/euc\_tw.bundle  
0x1024da000 - 0x1024dbfef +gb18030.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/gb18030.bundle  
0x1024de000 - 0x1024dffef +gbk.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/gbk.bundle  
0x1024e2000 - 0x1024e2fff +iso\_8859\_1.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_1.bundle  
0x1024e5000 - 0x1024e5fef +iso\_8859\_2.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_2.bundle  
0x1024e8000 - 0x1024e8fef +iso\_8859\_3.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_3.bundle  
0x1024eb000 - 0x1024ebfef +iso\_8859\_4.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_4.bundle  
0x1024ee000 - 0x1024eefef +iso\_8859\_5.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_5.bundle  
0x1024f1000 - 0x1024f1fef +iso\_8859\_6.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_6.bundle  
0x1024f4000 - 0x1024f4fef +iso\_8859\_7.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_7.bundle  
0x1024f7000 - 0x1024f7fef +iso\_8859\_8.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_8.bundle  
0x1024fa000 - 0x1024fafef +iso\_8859\_9.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_9.bundle  
0x1024fd000 - 0x1024fdfef +iso\_8859\_10.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_10.bundle  
0x102700000 - 0x10273afff +korean.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/korean.bundle  
0x10273d000 - 0x102776fff +japanese\_euc.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/japanese\_euc.bundle  
0x102779000 - 0x1027a3fff +gb18030.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/gb18030.bundle  
0x1027a6000 - 0x1027d4fef +gbk.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/gbk.bundle  
0x1027d7000 - 0x1027d7fef +iso\_8859\_11.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_11.bundle  
0x1027da000 - 0x1027dafef +iso\_8859\_13.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_13.bundle  
0x1027dd000 - 0x1027ddfef +iso\_8859\_14.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_14.bundle  
0x1027e0000 - 0x1027e0fef +iso\_8859\_15.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_15.bundle  
0x1027e3000 - 0x1027e3fef +iso\_8859\_16.bundle ??? (???)  
/Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/iso\_8859\_16.bundle  
0x1027e6000 - 0x1027e6fef +koi8\_r.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/koi8\_r.bundle  
0x1027e9000 - 0x1027e9fef +koi8\_u.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/koi8\_u.bundle  
0x1027ec000 - 0x1027edfff +shift\_jis.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/shift\_jis.bundle

0x1027f0000 - 0x1027f0fff +utf\_16be.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/utf\_16be.bundle  
 0x1027f3000 - 0x1027f5fff +utf\_16\_32.bundle ??? (???)  
 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/utf\_16\_32.bundle  
 0x1027f8000 - 0x1027f8fff +utf\_16le.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/utf\_16le.bundle  
 0x1027fb000 - 0x1027fbfff +utf\_32be.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/utf\_32be.bundle  
 0x103900000 - 0x103923fff +japanese\_sjis.bundle ??? (???)  
 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/japanese\_sjis.bundle  
 0x103926000 - 0x103926fff +utf\_32le.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/utf\_32le.bundle  
 0x103929000 - 0x103929fef +windows\_1251.bundle ??? (???)  
 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/windows\_1251.bundle  
 0x10392c000 - 0x10392dfe7 +iso2022.bundle ??? (???)  
 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/iso2022.bundle  
 0x103930000 - 0x103930fff +gb2312.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/gb2312.bundle  
 0x103933000 - 0x10395efef +chinese.bundle ??? (???)  
 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/chinese.bundle  
 0x103961000 - 0x10396afef +utf8\_mac.bundle ??? (???)  
 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/utf8\_mac.bundle  
 0x10396d000 - 0x103977fff +emoji.bundle ??? (???) /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/emoji.bundle  
 0x10397a000 - 0x103995fef +emoji\_sjis\_docomo.bundle ??? (???)  
 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/emoji\_sjis\_docomo.bundle  
 0x103998000 - 0x1039b4fff +emoji\_sjis\_kddi.bundle ??? (???)  
 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/emoji\_sjis\_kddi.bundle  
 0x1039b7000 - 0x1039d0fff +emoji\_iso2022\_kddi.bundle ??? (???)  
 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/emoji\_iso2022\_kddi.bundle  
 0x1039d3000 - 0x1039eefef +emoji\_sjis\_softbank.bundle ??? (???)  
 /Users/kosaki/ruby/build/.ext/x86\_64-darwin10.7.4/enc/trans/emoji\_sjis\_softbank.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  
 0x7fffffe00000 - 0x7fffffe01fff libSystem.B.dylib ??? (???) /usr/lib/libSystem.B.dylib

**Related issues:**

Related to Ruby master - Bug #4929: test/dl/test_func.rb was crashed on Mac	<b>Closed</b>	<b>06/26/2011</b>
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**Associated revisions**

**Revision ea8b9163 - 07/04/2011 03:55 PM - nagachika (Tomoyuki Chikanaga)**

- ext/coverage/coverage.c: resurrect r32071 + add GC guard for rb\_coverages. [ruby-core:37352] [Bug #4927] [ruby-core:36539] [Feature #4796]
- test/coverage/test\_coverage.rb resurrect r32071.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@32404 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

**Revision 32404 - 07/04/2011 03:55 PM - nagachika (Tomoyuki Chikanaga)**

- ext/coverage/coverage.c: resurrect r32071 + add GC guard for rb\_coverages. [ruby-core:37352] [Bug #4927] [ruby-core:36539] [Feature #4796]
- test/coverage/test\_coverage.rb resurrect r32071.

**Revision 32404 - 07/04/2011 03:55 PM - nagachika (Tomoyuki Chikanaga)**

- ext/coverage/coverage.c: resurrect r32071 + add GC guard for rb\_coverages. [ruby-core:37352] [Bug #4927] [ruby-core:36539] [Feature #4796]
- test/coverage/test\_coverage.rb resurrect r32071.

**Revision 32404 - 07/04/2011 03:55 PM - nagachika (Tomoyuki Chikanaga)**

- ext/coverage/coverage.c: resurrect r32071 + add GC guard for rb\_coverages. [ruby-core:37352] [Bug #4927] [ruby-core:36539] [Feature #4796]
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- test/coverage/test\_coverage.rb resurrect r32071.

**History**

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**#1 - 06/26/2011 09:23 AM - mame (Yusuke Endoh)**

- ruby -v changed from ruby 1.9.3dev (2011-06-20 trunk 32176) [x86\_64-darwin10.7.4] to -

Hello.

2011/6/26 Motohiro KOSAKI [kosaki.motohiro@gmail.com](mailto:kosaki.motohiro@gmail.com):

test-all w/ --gc-stress got crash on may mac os x.

Could you try this patch?

```
diff --git a/ext/coverage/coverage.c b/ext/coverage/coverage.c
index 3a26aaa..513bf9c 100644
--- a/ext/coverage/coverage.c
+++ b/ext/coverage/coverage.c
@@ -103,4 +103,5 @@ Init_coverage(void)
VALUE rb_mCoverage = rb_define_module("Coverage");
rb_define_module_function(rb_mCoverage, "start", rb_coverage_start, 0);
rb_define_module_function(rb_mCoverage, "result", rb_coverage_result, 0);
```

- rb\_gc\_register\_mark\_object(rb\_coverages); }
- C level backtrace information -----
- Other runtime information -----

BTW, I wonder why is C level backtrace provided in mac.

--  
Yusuke Endoh [mame@tsg.ne.jp](mailto:mame@tsg.ne.jp)

## #2 - 06/26/2011 01:12 PM - kosaki (Motohiro KOSAKI)

- Status changed from Open to Assigned
- Assignee set to mame (Yusuke Endoh)

Could you try this patch?

I have no luck. crashed again.

```
Thread 0 Crashed: Dispatch queue: com.apple.main-thread
0 libSystem.B.dylib      0x00007fff885225d6 __kill + 10
1 libSystem.B.dylib      0x00007fff885c2cde abort + 83
2 libruby.1.9.1.dylib    0x000000010003e27d 0x100003000 + 242301
3 libruby.1.9.1.dylib    0x0000000100106ac4 0x100003000 + 1063620
4 libSystem.B.dylib      0x00007fff8853466a _sigtramp + 26
5 libruby.1.9.1.dylib    0x000000010010f4cb st_foreach + 27 (st.c:741)
6 coverage.bundle       0x00000001003d1c63 rb_coverage_result + 67 (coverage.c:64)
7 libruby.1.9.1.dylib    0x00000001001839d3 vm_call_method + 931 (vm_inshelper.c:404)
8 libruby.1.9.1.dylib    0x0000000100172f5e vm_exec_core + 20270 (insns.def:1012)
9 libruby.1.9.1.dylib    0x00000001001782f3 vm_exec + 1459 (vm.c:1180)
10 libruby.1.9.1.dylib   0x0000000100179d4a vm_call0 + 1290 (vm_eval.c:66)
11 libruby.1.9.1.dylib   0x00000001000486a9 rb_method_call + 361 (proc.c:1426)
12 libruby.1.9.1.dylib   0x00000001001839d3 vm_call_method + 931 (vm_inshelper.c:404)
13 libruby.1.9.1.dylib   0x0000000100172f5e vm_exec_core + 20270 (insns.def:1012)
14 libruby.1.9.1.dylib   0x00000001001782f3 vm_exec + 1459 (vm.c:1180)
15 libruby.1.9.1.dylib   0x000000010017965d rb_vm_invoke_proc + 877 (vm.c:591)
16 libruby.1.9.1.dylib   0x0000000100183ddf vm_call_method + 1967 (vm_inshelper.c:428)
17 libruby.1.9.1.dylib   0x000000010017367e vm_exec_core + 22094 (insns.def:1048)
18 libruby.1.9.1.dylib   0x00000001001782f3 vm_exec + 1459 (vm.c:1180)
19 libruby.1.9.1.dylib   0x0000000100186610 rb_yield + 640 (vm.c:591)
20 libruby.1.9.1.dylib   0x0000000100012191 rb_ary_collect + 113 (array.c:2220)
21 libruby.1.9.1.dylib   0x00000001001839d3 vm_call_method + 931 (vm_inshelper.c:404)
22 libruby.1.9.1.dylib   0x0000000100172f5e vm_exec_core + 20270 (insns.def:1012)
23 libruby.1.9.1.dylib   0x00000001001782f3 vm_exec + 1459 (vm.c:1180)
24 libruby.1.9.1.dylib   0x0000000100186610 rb_yield + 640 (vm.c:591)
25 libruby.1.9.1.dylib   0x0000000100012191 rb_ary_collect + 113 (array.c:2220)
26 libruby.1.9.1.dylib   0x00000001001839d3 vm_call_method + 931 (vm_inshelper.c:404)
27 libruby.1.9.1.dylib   0x0000000100172f5e vm_exec_core + 20270 (insns.def:1012)
28 libruby.1.9.1.dylib   0x00000001001782f3 vm_exec + 1459 (vm.c:1180)
29 libruby.1.9.1.dylib   0x00000001001785eb rb_iseq_eval_main + 507 (vm.c:1422)
30 libruby.1.9.1.dylib   0x00000001000430a2 ruby_exec_internal + 178 (eval.c:201)
31 libruby.1.9.1.dylib   0x0000000100045dcc ruby_run_node + 60 (eval.c:248)
32 ruby-trunk            0x0000000100000ecf main + 79 (main.c:40)
33 ruby-trunk            0x0000000100000e74 start + 52
```

```
Thread 1:
0 libSystem.B.dylib      0x00007fff8850ef8a __semwait_signal + 10
1 libSystem.B.dylib      0x00007fff88512da1 _pthread_cond_wait + 1286
2 libruby.1.9.1.dylib    0x0000000100190236 thread_timer + 198 (thread_pthread.c:295)
3 libSystem.B.dylib      0x00007fff8850d4f6 _pthread_start + 331
```



4 libSystem.B.dylib 0x00007fff8850d3a9 thread\_start + 13

Thread 2:

0 libSystem.B.dylib 0x00007fff884de986 read + 10  
1 libruby.1.9.1.dylib 0x00000001001917b9 rb\_thread\_io\_blocking\_region + 185 (thread.c:1138)  
2 libruby.1.9.1.dylib 0x0000000100066644 io\_fillbuf + 116 (io.c:1227)  
3 libruby.1.9.1.dylib 0x00000001000747ad rb\_io\_getline\_1 + 3341 (io.c:2410)  
4 libruby.1.9.1.dylib 0x0000000100074edc rb\_io\_gets\_m + 44 (io.c:2591)  
5 libruby.1.9.1.dylib 0x00000001001839d3 vm\_call\_method + 931 (vm\_inshelper.c:404)  
6 libruby.1.9.1.dylib 0x0000000100172f5e vm\_exec\_core + 20270 (insns.def:1012)  
7 libruby.1.9.1.dylib 0x00000001001782f3 vm\_exec + 1459 (vm.c:1180)  
8 libruby.1.9.1.dylib 0x000000010017965d rb\_vm\_invoke\_proc + 877 (vm.c:591)  
9 libruby.1.9.1.dylib 0x0000000100192dec thread\_start\_func\_2 + 1708 (thread.c:447)  
10 libruby.1.9.1.dylib 0x0000000100193018 thread\_start\_func\_1 + 104 (thread\_pthread.c:621)  
11 libSystem.B.dylib 0x00007fff8850d4f6 \_pthread\_start + 331  
12 libSystem.B.dylib 0x00007fff8850d3a9 thread\_start + 13

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

rax: 0x0000000000000000 rbx: 0x000000000000000b rcx: 0x0000000100344968 rdx: 0x0000000000000000  
rdi: 0x000000000011d75 rsi: 0x0000000000000006 rbp: 0x0000000100344980 rsp: 0x0000000100344968  
r8: 0x00007fff70f2da40 r9: 0x0000000000000000 r10: 0x00007fff8851e616 r11: 0xffffffff80002e4730  
r12: 0x0000000100344990 r13: 0x00000001001a59ef r14: 0x0000000000000000 r15: 0x000000010083dfc8  
rip: 0x00007fff885225d6 rfi: 0x0000000000000202 cr2: 0x00007fff70f25120

### #3 - 06/26/2011 02:50 PM - kosaki (Motohiro KOSAKI)

This crash disappeared when I revert r32071.  
But instead, following test failure was shown.

---

TestCoverage#test\_restarting\_coverage = 0.54 s = F  
TestCoverage#test\_result\_with\_nothing = 0.02 s = .  
TestCoverage#test\_result\_without\_start = 0.18 s = .

Finished tests in 0.742007s, 4.0431 tests/s, 4.0431 assertions/s.

1) Failure:

test\_restarting\_coverage(TestCoverage) [/Users/kosaki/ruby/test/coverage/test\_coverage.rb:37]:  
expected but was

.

3 tests, 3 assertions, 1 failures, 0 errors, 0 skips

### #4 - 07/04/2011 10:24 PM - mame (Yusuke Endoh)

- Status changed from Assigned to Closed

r32071 reverted. Bummer!

--

Yusuke Endoh [mame@tsg.ne.jp](mailto:mame@tsg.ne.jp)

### #5 - 07/04/2011 11:51 PM - nagachika (Tomoyuki Chikanaga)

- Assignee changed from mame (Yusuke Endoh) to nagachika (Tomoyuki Chikanaga)

Sorry for late response.

I've reduced reproducible script at x86\_64-darwin10.8.0 as follows.

```
require "coverage"
```

```
GC.stress = true
```

```
Coverage.start
```

```
Coverage.result
```

```
p [0]
```

```
Coverage.start
```

```
Coverage.result
```

I'll try to investigate this issue.