

Ruby trunk - Bug #7589

parallel test-all [test_settracefunc [SEGV

12/19/2012 12:01 PM - naruse (Yui NARUSE)

| | |
|---|---|
| Status: Closed | |
| Priority: Normal | |
| Assignee: | |
| Target version: 2.0.0 | |
| ruby -v: ruby 2.0.0dev (2012-12-19 trunk 38456) [x86_64-linux] | Backport: 2.3: UNKNOWN, 2.4: UNKNOWN, 2.5: UNKNOWN |

Description

```
while make TESTS='-qv -j1 ruby/test_settracefunc.rb' test-all;do done [SEGV]
```

```
[ ]
```

```
TestSetTraceFunc#test_tracepoint_exception_at_line = 0.00 s = .  
/home/naruse/ruby/lib/test/unit/parallel.rb:38: [BUG] Segmentation fault  
ruby 2.0.0dev (2012-12-19 trunk 38456) [x86_64-linux]
```

-- Control frame information -----

```
c:0002 p:0014 s:0005 e:000004 BLOCK /home/naruse/ruby/lib/test/unit/parallel.rb:38 [FINISH]  
c:0001 p:---- s:0002 e:000001 TOP [FINISH]
```

-- Ruby level backtrace information -----

```
/home/naruse/ruby/lib/test/unit/parallel.rb:38:in `block in _run_suite'
```

-- C level backtrace information -----

```
/home/naruse/ruby/libruby.so.2.0.0(+0x1be874) [0x2b09de81b874] vm_dump.c:643  
/home/naruse/ruby/libruby.so.2.0.0(+0x662a7) [0x2b09de6c32a7] error.c:306  
/home/naruse/ruby/libruby.so.2.0.0(rb_bug+0x108) [0x2b09de6c33e5] error.c:325  
/home/naruse/ruby/libruby.so.2.0.0(+0x1382f2) [0x2b09de7952f2] signal.c:649  
/lib/libpthread.so.0(+0xf8f0) [0x2b09deb188f0] ../nptl/sysdeps/pthread/funlockfile.c:30  
/home/naruse/ruby/libruby.so.2.0.0(+0x1c13e8) [0x2b09de81e3e8] vm_trace.c:263  
/home/naruse/ruby/libruby.so.2.0.0(+0x1c160f) [0x2b09de81e60f] vm_trace.c:309  
/home/naruse/ruby/libruby.so.2.0.0(+0x1aba95) [0x2b09de808a95]  
/home/naruse/ruby/libruby.so.2.0.0(+0x1baaca) [0x2b09de817aca] vm.c:1169  
/home/naruse/ruby/libruby.so.2.0.0(+0x1b9618) [0x2b09de816618] vm.c:636  
/home/naruse/ruby/libruby.so.2.0.0(+0x1b9869) [0x2b09de816869] vm.c:684  
/home/naruse/ruby/libruby.so.2.0.0(+0x1b9917) [0x2b09de816917] vm.c:703  
/home/naruse/ruby/libruby.so.2.0.0(+0x1c56cf) [0x2b09de8226cf]  
/home/naruse/ruby/libruby.so.2.0.0(+0x1c4111) [0x2b09de821111] thread_pthread.c:722  
/lib/libpthread.so.0(+0x69ca) [0x2b09deb0f9ca] pthread_create.c:300  
/lib/libc.so.6(clone+0x6d) [0x2b09df6d921d] parse.y:10551
```

-- Other runtime information -----

- Loaded script: /home/naruse/ruby/lib/test/unit/parallel.rb: TestSetTraceFunc#test_tracepoint_thread
- Loaded features:

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

```
make: *** [yes-test-all] Error 1
```

```
[ ]
```

```
diff --git a/lib/test/unit/parallel.rb b/lib/test/unit/parallel.rb  
index d189183..b044792 100644  
--- a/lib/test/unit/parallel.rb  
+++ b/lib/test/unit/parallel.rb
```

@@ -34,8 +34,13 @@ module Test

```
th = Thread.new do
  begin
```

- while buf = (self.verbose ? i.gets : i.read(5))
- _report "p", buf
- buf = i.read
- if self.verbose
- buf.each_line{|l|
- _report "p", l
- }
- else
- raise end rescue IOError rescue Errno::EPIPE

Related issues:

Related to Ruby trunk - Bug #7590: parallel test-all test_settracefunc cf...

Closed

12/19/2012

Associated revisions

Revision e9e4ea98 - 12/19/2012 08:54 AM - tarui (Masaya Tarui)

- vm_trace.c (rb_threadptr_exec_event_hooks): get rid of race condition. [Bug #7589] [ruby-dev:46763]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@38464 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 38464 - 12/19/2012 08:54 AM - tarui (Masaya Tarui)

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History

#1 - 12/19/2012 05:55 PM - tarui (Masaya Tarui)

- Status changed from Open to Closed

- % Done changed from 0 to 100

This issue was solved with changeset [r38464](#).

Yui, thank you for reporting this issue.
Your contribution to Ruby is greatly appreciated.
May Ruby be with you.

- `vm_trace.c (rb_threadptr_exec_event_hooks)`: get rid of race condition. [Bug #7589]

#2 - 12/19/2012 08:28 PM - kosaki (Motohiro KOSAKI)

```
0000000000000000
000x86_64 linux00000000 vm_call_cfunc - cfp consistency error 0rb_bug00000000segv.
0000000000000000 cfp consistency error00000000 ruby level backtrace00000000000000000000000000000000
```

```
#0 0x00007f0bedb7fec3 in fill_lines (num_traces=23,
traces=0x7f0bede50060, syms=0x7f0bee141eb0, check_debuglink=1,
current_line=0x7f0bee1427a0, lines=0x7f0bee1427a0)
at ../addr2line.c:513
#1 0x00007f0bedb80219 in rb_dump_backtrace_with_lines (num_traces=23,
trace=0x7f0bede50060, syms=0x7f0bee141eb0) at ../addr2line.c:605
#2 0x00007f0bedb6b97f in rb_vm_bugreport () at ../vm_dump.c:648
#3 0x00007f0beda11f79 in report_bug (
file=0x7f0bee203fe0 "/home/kosaki/ruby/git/lib/minitest/unit.rb",
line=912, fmt=0x7f0bedba37ff "Segmentation fault",
args=0x7f0bee068880) at ../error.c:306
#4 0x00007f0beda120b7 in rb_bug (fmt=0x7f0bedba37ff "Segmentation fault")
at ../error.c:325
#5 0x00007f0bedae3c39 in sigsegv (sig=11, info=0x7f0bee068af0,
ctx=0x7f0bee06889c0) at ../signal.c:649
#6
#7 0x00007f0bedb7fec3 in fill_lines (num_traces=16,
traces=0x7f0bede50060, syms=0x7f0bee66ab00, check_debuglink=1,
current_line=0x7f0bee66b150, lines=0x7f0bee66b150)
at ../addr2line.c:513
#8 0x00007f0bedb80219 in rb_dump_backtrace_with_lines (num_traces=16,
trace=0x7f0bede50060, syms=0x7f0bee66ab00) at ../addr2line.c:605
#9 0x00007f0bedb6b97f in rb_vm_bugreport () at ../vm_dump.c:648
#10 0x00007f0beda11f79 in report_bug (
file=0x7f0bee203fe0 "/home/kosaki/ruby/git/lib/minitest/unit.rb",
line=912, fmt=0x7f0bedba9aa8 "vm_call_cfunc - cfp consistency error",
args=0x7fff16fcf500) at ../error.c:306
#11 0x00007f0beda120b7 in rb_bug (
fmt=0x7f0bedba9aa8 "vm_call_cfunc - cfp consistency error")
at ../error.c:325
#12 0x00007f0bedb53530 in vm_call_cfunc_with_frame (th=0x7f0bedffe5b0,
reg_cfp=0x7f0bed99eeb0, ci=0x7f0bee17b750) at ../vm_inshelper.c:1422
#13 0x00007f0bedb537cc in vm_call_cfunc (th=0x7f0bedffe5b0,
reg_cfp=0x7f0bed99eeb0, ci=0x7f0bee17b750) at ../vm_inshelper.c:1509
#14 0x00007f0bedb545b6 in vm_call_method (th=0x7f0bedffe5b0,
cfp=0x7f0bed99eeb0, ci=0x7f0bee17b750) at ../vm_inshelper.c:1683
#15 0x00007f0bedb54d71 in vm_call_general (th=0x7f0bedffe5b0,
reg_cfp=0x7f0bed99eeb0, ci=0x7f0bee17b750) at ../vm_inshelper.c:1832
#16 0x00007f0bedb58951 in vm_exec_core (th=0x7f0bedffe5b0, initial=0)
at ../insns.def:996
#17 0x00007f0bedb67785 in vm_exec (th=0x7f0bedffe5b0) at ../vm.c:1169
#18 0x00007f0bedb6879b in rb_iseq_eval_main (iseqval=139689214591600)
at ../vm.c:1417
#19 0x00007f0beda178c8 in ruby_exec_internal (n=0x7f0bee03c270)
at ../eval.c:250
#20 0x00007f0beda179db in ruby_exec_node (n=0x7f0bee03c270)
at ../eval.c:315
#21 0x00007f0beda179ae in ruby_run_node (n=0x7f0bee03c270)
at ../eval.c:307
#22 0x00007f0bed9d8ef9 in main (argc=6, argv=0x7fff16fd0898)
at ../main.c:36
```

#3 - 12/19/2012 08:30 PM - kosaki (Motohiro KOSAKI)

tarui #7590