

Ruby - Bug #15013

thread_pthread.c: reinitialize ubf_list at fork

08/20/2018 09:01 PM - normalperson (Eric Wong)

Status:	Closed	Backport: 2.3: REQUIRED, 2.4: REQUIRED, 2.5: REQUIRED
Priority:	Normal	
Assignee:		
Target version:		
ruby -v:		
Description thread_pthread.c: reinitialize ubf_list at fork It's possible for the ubf_list_head to be populated with dead threads at fork or the ubf_list_lock to be held, so reinitialize both at startup. And while we're at it, use a static initializer at startup to save a library call and kill some ifdef.		

Associated revisions

Revision 17e4aff277a350fa6afea31bc521c9a3f4f47353 - 08/20/2018 09:34 PM - Eric Wong

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[ruby-core:88578] [Bug #15013]

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@64485 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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Revision 17e4aff2 - 08/20/2018 09:34 PM - Eric Wong

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History

#1 - 08/20/2018 09:34 PM - normalperson (Eric Wong)

- Status changed from Open to Closed

Applied in changeset trunk|r64485.

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#2 - 03/12/2019 11:59 PM - nagachika (Tomoyuki Chikanaga)

MEMO: backporting r64485 and r64635 cause some make test failures on my environment. I give up to fix these for just now.

```
#257 test_fork.rb:31:in `[ruby-core:28924]
stderr output is not empty
bootstraptest.tmp.rb:13:in `kill': No such process (Errno::ESRCH)
    from bootstraptest.tmp.rb:13:in `block in <main>'
    from bootstraptest.tmp.rb:15:in `wait2'
    from bootstraptest.tmp.rb:15:in `<main>'
test_fork.rb          FAIL 1/5
#455 test_io.rb:87:in `block in <top (required)>':
  at_exit { p :foo }

megacontent = "abc" * 12345678
#File.open("megasrc", "w") {|f| f << megacontent }

t0 = Thread.main
Thread.new { sleep 0.001 until t0.stop?; Process.kill(:INT, $$) }

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 SIGKILL (signal 9) (timeout) megacontent-copy_stream
```

test_io.rb FAIL 1/9
FAIL 2/1201 tests failed

Files

0001-thread_pthread.c-reinitialize-ubf_list-at-fork.patch	2.46 KB	08/20/2018	normalperson (Eric Wong)
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