

Ruby 1.8 - Bug #221

Net::SMTP SMTP HELO/EHLO

07/03/2008 10:04 AM - Anonymous

Status:	Closed
Priority:	Normal
Assignee:	matz (Yukihiro Matsumoto)
Target version:	
ruby -v:	-
Description	
=begin Net::SMTP SMTP HELO/EHLO localhost.localdomain localhost 127.0.0.1(IPv6 ::1) DNS localhost FQDN localhost (FQDN host.example.net localhost.example.net) localhost (RFC1912: Common DNS Operational and Configuration Errors)	
localhost (RFC1912: Common DNS Operational and Configuration Errors)	
=end	

Associated revisions

Revision e3e8af93 - 02/16/2018 02:45 PM - k0kubun (Takashi Kokubun)

mjit.c: fix deadlock on class serial increment

This is reported by @hasimo. Fixing a case like this:

- #0 Ill_lock_wait () at ../sysdeps/unix/sysv/linux/x86_64/lowlevellock.S:135
- #1 0x00007fc7bd824dbd in __GI_pthread_mutex_lock (mutex=mutex@entry=0x55946d294440) at ../nptl/pthread_mutex_lock.c:80 4
- #2 0x000055946cec54d9 in rb_native_mutex_lock (lock=lock@entry=0x55946d294440) at thread_pthread.c:211
- #3 0x000055946cde10ca in CRITICAL_SECTION_START (msg=0x55946cfb5423 "mjit_gc_start_hook", level=4) at mjit.c:392
- #4 mjit_gc_start_hook () at mjit.c:412
- #5 0x000055946cda0dfe in gc_enter (event=0x55946cfaf91e "gc_rest", objspace=0x55946da51760) at gc.c:6623
- #6 gc_rest (objspace=objspace@entry=0x55946da51760) at gc.c:6515
- #7 0x000055946cd9f1cf in gc_rest (objspace=0x55946da51760) at gc.c:7841
- #8 objspace_malloc_increase (objspace=objspace@entry=0x55946da51760, new_size=, old_size=old_size@entry=0, type=type@entry=MEMOP_TYPE_MALLOC, mem=0x7fc7a4439010) at gc.c:7842
- #9 0x000055946cda1706 in objspace_malloc_fixup (size=, mem=0x7fc7a4439010, objspace=0x55946da51760) at gc.c:7910
- #10 objspace_xmalloc0 (objspace=0x55946da51760, size=, size@entry=3145728) at gc.c:7939
- #11 0x000055946cda3620 in ruby_xmalloc0 (size=3145728) at gc.c:8006
- #12 ruby_xmalloc (size=size@entry=3145728) at gc.c:8015
- #13 0x000055946ce93f4c in st_init_table_with_size (type=0x55946d28da30 , size=) at st.c:602
- #14 0x000055946ce94287 in rebuild_table (tab=tab@entry=0x55946db669f0) at st.c:777
- #15 0x000055946ce963f7 in rebuild_table_if_necessary (tab=0x55946db669f0) at st.c:1139
- #16 st_add_direct_with_hash (hash=8577035585096733536, value=20, key=808451, tab=0x55946db669f0) at st.c:1207
- #17 st_update (tab=0x55946db669f0, key=key@entry=808451, func=, arg=140726472841392) at st.c:1512
- #18 0x000055946cda9e27 in tbl_update (optional_arg=, func=, key=, hash=) at hash.c:561
- #19 rb_hash_aset (hash=94095983218480, key=key@entry=808451, val=val@entry=20) at hash.c:1654
- #20 0x000055946cde243a in mjit_add_class_serial (class_serial=class_serial@entry=404225) at mjit.c:1414 3
- #21 0x000055946cefcfab in rb_next_class_serial () at vm.c:321
- #22 0x000055946cf48324 in class_alloc (klass=, flags=28) at class.c:178
- #23 rb_include_class_new (module=module@entry=94096115733840, super=0) at class.c:820
- #24 0x000055946cf487ac in include_modules_at (klass=klass@entry=94096135960920, c=, module=, module@entry=94096115734160, search_super=search_super@entry=1) at class.c:913
- #25 0x000055946cf48ac8 in rb_include_module (klass=94096135960920, module=module@entry=94096115734160) at class.c:870

#26 0x000055946cd84993 in rb_mod_append_features (module=94096115734160, include=) at eval.c:1178
#27 0x000055946cf06829 in vm_call0_cfunc_with_frame (ci=0x7ffd6f6c9a20, cc=0x7ffd6f6c9ba0, argv=0x7ffd6f6c9ba0, calling=0x7ffd6f6c9a30, ec=0x55946da519c8) at vm_eval.c:87
#28 vm_call0_cfunc (argv=0x7ffd6f6c9ba0, cc=0x7ffd6f6c9ba0, ci=0x7ffd6f6c9a20, calling=0x7ffd6f6c9a30, ec=0x55946da519c8) at vm_eval.c:102
#29 vm_call0_body (ec=ec@entry=0x55946da519c8, calling=calling@entry=0x7ffd6f6c9ae0, ci=ci@entry=0x7ffd6f6c9ad0, cc=cc@entry=0x7ffd6f6c9b00, argv=argv@entry=0x7ffd6f6c9ba0) at vm_eval.c:133
#30 0x000055946cf074b2 in vm_call0 (me=, argv=0x7ffd6f6c9ba0, argc=1, id=4849, recv=94096115734160, ec=0x55946da519c8) at vm_eval.c:60
#31 rb_call0 (ec=0x55946da519c8, recv=94096115734160, mid=4849, mid@entry=94096135960920, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6c9ba0, scope=scope@entry=CALL_FCALL, self=94096135960920) at vm_eval.c:302
#32 0x000055946cf07b9b in rb_call (scope=CALL_FCALL, argv=0x7ffd6f6c9ba0, argc=1, mid=94096135960920, recv=) at vm_eval.c:595
#33 rb_funcallv (recv=, mid=mid@entry=4849, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6c9ba0) at vm_eval.c:825
#34 0x000055946cd848a7 in rb_mod_include (argc=0, argv=0x7fc7bdb4fce8, module=94096135960920) at eval.c:1203
#35 0x000055946cef6b1f in vm_call_cfunc_with_frame (ci=0x5594710c06b0, cc=, calling=, reg_cfp=0x7fc7bdc4df00, ec=0x55946da519c8) at vm_inshelper.c:1928
#36 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4df00, calling=, ci=0x5594710c06b0, cc=) at vm_inshelper.c:1944
#37 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#38 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#39 0x000055946cf035fc in invoke_block (captured=0x7ffd6f6ca0a0, opt_pc=, type=, cref=0x559476c23930, self=94096135960920, iseq=0x559471335ee0, ec=0x55946da519c8) at vm.c:1005
#40 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7ffd6f6ca0a0, self=94096135960920, argc=, argv=, passed_block_handler=, cref=0x559476c23930, is_lambda=0) at vm.c:1057
#41 0x000055946cf04520 in invoke_block_from_c_bh (ec=ec@entry=0x55946da519c8, block_handler=, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6ca108, cref=, is_lambda=, is_lambda@entry=0, force_blockarg=0, passed_block_handler=0) at vm.c:1075
#42 0x000055946cf04958 in vm_yield_with_cref (is_lambda=0, cref=, argv=0x7ffd6f6ca108, argc=1, ec=0x55946da519c8) at vm.c:1112
#43 yield_under (under=94096135960920, self=, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6ca108) at vm_eval.c:1572
#44 0x000055946cf04b12 in rb_mod_module_exec (argc=argc@entry=1, argv=argv@entry=0x7ffd6f6ca108, mod=) at vm_eval.c:1770
#45 0x000055946ce00fc6 in rb_mod_initialize (module=94096135960920) at object.c:1978
#46 0x000055946cf06829 in vm_call0_cfunc_with_frame (ci=0x7ffd6f6ca130, cc=0x7fc7bdb4fc98, argv=0x7fc7bdb4fc98, calling=0x7ffd6f6ca140, ec=0x55946da519c8) at vm_eval.c:87
#47 vm_call0_cfunc (argv=0x7fc7bdb4fc98, cc=0x7fc7bdb4fc98, ci=0x7ffd6f6ca130, calling=0x7ffd6f6ca140, ec=0x55946da519c8) at vm_eval.c:102
#48 vm_call0_body (ec=ec@entry=0x55946da519c8, calling=calling@entry=0x7ffd6f6ca1f0, ci=ci@entry=0x7ffd6f6ca1e0, cc=cc@entry=0x7ffd6f6ca210, argv=argv@entry=0x7fc7bdb4fc98) at vm_eval.c:133
#49 0x000055946cf074b2 in vm_call0 (me=, argv=0x7fc7bdb4fc98, argc=0, id=3057, recv=94096135960920, ec=0x55946da519c8) at vm_eval.c:60
#50 rb_call0 (ec=0x55946da519c8, recv=recv@entry=94096135960920, mid=mid@entry=3057, argc=argc@entry=3057, argv=argv@entry=0x0, scope=scope@entry=CALL_FCALL, self=94095983466120) at vm_eval.c:302
#51 0x000055946cf07b9b in rb_call (scope=CALL_FCALL, argv=0x0, argc=3057, mid=3057, recv=94096135960920) at vm_eval.c:595
#52 rb_funcallv (recv=recv@entry=94096135960920, mid=mid@entry=3057, argc=argc@entry=0, argv=argv@entry=0x7fc7bdb4fc98) at vm_eval.c:825
#53 0x000055946cd89673 in rb_obj_call_init (obj=obj@entry=94096135960920, argc=argc@entry=0, argv=argv@entry=0x7fc7bdb4fc98) at eval.c:1590
#54 0x000055946ce048a1 in rb_class_s_new (argc=0, argv=0x7fc7bdb4fc98, klass=) at object.c:2153
#55 0x000055946cef6b1f in vm_call_cfunc_with_frame (ci=0x559471339c80, cc=, calling=, reg_cfp=0x7fc7bdc4dfa8, ec=0x55946da519c8) at vm_inshelper.c:1928
#56 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4dfa8, calling=, ci=0x559471339c80, cc=) at vm_inshelper.c:1944
#57 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#58 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#59 0x000055946cf03274 in invoke_bmethod (ec=ec@entry=0x55946da519c8, iseq=iseq@entry=0x55946f15cb0c0, self=self@entry=94096115734640, me=me@entry=0x559475664e28, type=type@entry=572653825, opt_pc=0, captured=0x55947158e8a0) at vm.c:1026
#60 0x000055946cf03534 in invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x55947158e8a0, self=94096115734640, argc=, argv=, passed_block_handler=0, cref=0x0, is_lambda=1) at vm.c:1060
#61 0x000055946cf036ce in invoke_block_from_c_proc (ec=, proc=, self=, argc=1, argv=, passed_block_handler=, is_lambda=) at vm.c:1150
#62 0x000055946cf03811 in vm_invoke_bmethod (block_handler=, argv=, argc=1, self=, proc=, ec=0x55946da519c8) at vm.c:1175
#63 vm_call_bmethod_body (ci=, cc=0x55946f625960, argv=, calling=0x7ffd6f6ca9b0, ec=0x55946da519c8) at vm_inshelper.c:1971
#64 vm_call_bmethod (ec=0x55946da519c8, cfp=0x7fc7bdc4e0c0, calling=0x7ffd6f6ca9b0, ci=, cc=0x55946f625960) at vm_inshelper.c:1988
#65 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e0c0, calling=, ci=, cc=) at vm_inshelper.c:2417
#66 0x000055946cf0e63e in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:797
#67 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#68 0x000055946cf06767 in vm_call0_body (ec=ec@entry=0x55946da519c8, calling=calling@entry=0x7ffd6f6cad00, ci=ci@entry=0x7ffd6f6cacf0, cc=cc@entry=0x7ffd6f6cad20, argv=argv@entry=0x7ffd6f6cadb0) at vm_eval.c:129
#69 0x000055946cf074b2 in vm_call0 (me=, argv=0x7ffd6f6cadb0, argc=1, id=3681, recv=94096115734640, ec=0x55946da519c8) at vm_eval.c:60
#70 rb_call0 (ec=0x55946da519c8, recv=recv@entry=94096115734640, mid=3681, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6cad90, scope=scope@entry=CALL_FCALL, self=94095983452880) at vm_eval.c:302
#71 0x000055946cf07b9b in rb_call (scope=CALL_FCALL, argv=0x7ffd6f6cad90, argc=1, mid=, recv=94096115734640) at vm_eval.c:595
#72 rb_funcallv (recv=recv@entry=94096115734640, mid=, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6cadb0) at vm_eval.c:825
#73 0x000055946cf477d2 in rb_class_inherited (super=super@entry=94096115734640, klass=klass@entry=94096135961440) at class.c:625
#74 0x000055946cf0f796 in vm_declare_class (super=, cbase=94096094868200, flags=, id=847387) at vm_inshelper.c:3134
#75 vm_define_class (super=, cbase=, flags=, id=847387) at vm_inshelper.c:3167
#76 vm_find_or_create_class_by_id (super=, cbase=, flags=, id=847387) at vm_inshelper.c:3196
#77 vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:685
#78 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#79 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x559471f1b548) at vm.c:2046

#80 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94096135872160, wrap=wrap@entry=0) at load.c:611
#81 0x000055946cdd41f1 in rb_require_internal (fname=94096135872400, fname@entry=94096135872440, safe=0) at load.c:992
#82 0x000055946cdd4493 in rb_require_safe (safe=, fname=94096135872440) at load.c:1038
#83 rb_f_require (obj=, fname=94096135872440) at load.c:820
#84 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x5594708700a0, cc=, calling=, reg_cfp=0x7fc7bdc4e168, ec=0x55946da519c8) at vm_inshelper.c:1928
#85 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e168, calling=, ci=0x5594708700a0, cc=) at vm_inshelper.c:1944
#86 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e168, calling=, ci=, cc=) at vm_inshelper.c:2417
#87 0x000055946cf0e63e in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:797
#88 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#89 0x000055946cf035fc in invoke_block (captured=0x7fc7bdc4e490, opt_pc=, type=, cref=0x0, self=94096096426480, iseq=0x55946e49f0b8, ec=0x55946da519c8) at vm.c:1005
#90 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7fc7bdc4e490, self=94096096426480, argc=, argv=, passed_block_handler=0, cref=0x0, is_lambda=0) at vm.c:1057
#91 0x000055946cf04699 in invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1075
#92 vm_yield (argc=1, argv=0x7ffd6f6cb938, ec=) at vm.c:1120
#93 rb_yield_0 (argv=0x7ffd6f6cb938, argc=1) at vm_eval.c:980
#94 rb_yield_1 (val=94096130169040) at vm_eval.c:986
#95 rb_yield (val=) at vm_eval.c:996
#96 0x000055946cf2113d in rb_ary_each (ary=94096076222560) at array.c:1820
#97 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946ed0d090, cc=, calling=, reg_cfp=0x7fc7bdc4e478, ec=0x55946da519c8) at vm_inshelper.c:1928
#98 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e478, calling=, ci=0x55946ed0d090, cc=) at vm_inshelper.c:1944
#99 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#100 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#101 0x000055946cf035fc in invoke_block (captured=0x7fc7bdc4e500, opt_pc=, type=, cref=0x0, self=94096096426480, iseq=0x55946e49f298, ec=0x55946da519c8) at vm.c:1005
#102 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7fc7bdc4e500, self=94096096426480, argc=, argv=, passed_block_handler=0, cref=0x0, is_lambda=0) at vm.c:1057
#103 0x000055946cf04699 in invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1075
#104 vm_yield (argc=1, argv=0x7ffd6f6cbdf8, ec=) at vm.c:1120
#105 rb_yield_0 (argv=0x7ffd6f6cbdf8, argc=1) at vm_eval.c:980
#106 rb_yield_1 (val=94096095502480) at vm_eval.c:986
#107 rb_yield (val=) at vm_eval.c:996
#108 0x000055946cf2113d in rb_ary_each (ary=94096095328480) at array.c:1820
#109 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e8552a0, cc=, calling=, reg_cfp=0x7fc7bdc4e4e8, ec=0x55946da519c8) at vm_inshelper.c:1928
#110 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e4e8, calling=, ci=0x55946e8552a0, cc=) at vm_inshelper.c:1944
#111 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#112 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#113 0x000055946cf06767 in vm_call0_body (ec=ec@entry=0x55946da519c8, calling=calling@entry=0x7ffd6f6cc2d0, ci=ci@entry=0x7ffd6f6cc2c0, cc=cc@entry=0x7ffd6f6cc2f0, argv=argv@entry=0x7ffd6f6cc390) at vm_eval.c:129
#114 0x000055946cf074b2 in vm_call0 (me=, argv=0x7ffd6f6cc390, argc=0, id=135807, recv=94096096186440, ec=0x55946da519c8) at vm_eval.c:60
#115 rb_call0 (ec=0x55946da519c8, recv=94096096186440, mid=135807, argc=, argv=argv@entry=0x8, scope=scope@entry=CALL_PUBLIC, self=94095993048320) at vm_eval.c:302
#116 0x000055946cf0a31a in rb_call (scope=CALL_PUBLIC, argv=0x8, argc=, mid=, recv=) at vm_eval.c:595
#117 rb_funcall_with_block (recv=, mid=, argc=argc@entry=0, argv=argv@entry=0x7ffd6f6cc390, passed_procval=passed_procval@entry=8) at vm_eval.c:857
#118 0x000055946ceb319c in rb_sym_proc_call (mid=, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6cc388, passed_proc=passed_proc@entry=8) at string.c:10480
#119 0x000055946cf0477c in vm_yield_with_symbol (block_handler=0, argv=0x7ffd6f6cc388, argc=1, symbol=, ec=) at vm_inshelper.c:2573
#120 invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1084
#121 vm_yield (argc=1, argv=0x7ffd6f6cc388, ec=) at vm.c:1120
#122 rb_yield_0 (argv=0x7ffd6f6cc388, argc=1) at vm_eval.c:980
#123 rb_yield_1 (val=94096096186440) at vm_eval.c:986
#124 rb_yield (val=) at vm_eval.c:996
#125 0x000055946cf2113d in rb_ary_each (ary=94095993048320) at array.c:1820
#126 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x5594744d8280, cc=, calling=, reg_cfp=0x7fc7bdc4e590, ec=0x55946da519c8) at vm_inshelper.c:1928
#127 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e590, calling=, ci=0x5594744d8280, cc=) at vm_inshelper.c:1944
#128 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e590, calling=, ci=, cc=) at vm_inshelper.c:2417
#129 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#130 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#131 0x000055946cf035fc in invoke_block (captured=0x7ffd6f6cc8e0, opt_pc=, type=, cref=0x559474604128, self=94096096426480, iseq=0x5594745027e8, ec=0x55946da519c8) at vm.c:1005
#132 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7ffd6f6cc8e0, self=94096096426480, argc=, argv=, passed_block_handler=0, cref=0x559474604128, is_lambda=0) at vm.c:1057

#133 0x000055946cf04520 in invoke_block_from_c_bh (ec=ec@entry=0x55946da519c8, block_handler=, argc=argc@entry=1, argv=argv@entry=0x7fc7bdb4f7f8, cref=, is_lambda=, is_lambda@entry=0, force_blockarg=0, passed_block_handler=0) at vm.c:1075
#134 0x000055946cf04958 in vm_yield_with_cref (is_lambda=0, cref=, argv=0x7fc7bdb4f7f8, argc=1, ec=0x55946da519c8) at vm.c:1112
#135 yield_under (under=94096093646040, self=, argc=1, argv=0x7fc7bdb4f7f8) at vm_eval.c:1572
#136 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e5cd230, cc=, calling=, reg_cfp=0x7fc7bdc4e600, ec=0x55946da519c8) at vm_inshelper.c:1928
#137 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e600, calling=, ci=0x55946e5cd230, cc=) at vm_inshelper.c:1944
#138 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#139 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#140 0x000055946cf035fc in invoke_block (captured=0x5594744c4fb0, opt_pc=, type=, cref=0x0, self=94095990659320, iseq=0x55946e192aa0, ec=0x55946da519c8) at vm.c:1005
#141 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x5594744c4fb0, self=94095990659320, argc=, argv=, passed_block_handler=0, cref=0x0, is_lambda=0) at vm.c:1057
#142 0x000055946cf04699 in invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1075
#143 vm_yield (argc=1, argv=0x7ffd6f6ccdc8, ec=) at vm.c:1120
#144 rb_yield_0 (argv=0x7ffd6f6ccdc8, argc=1) at vm_eval.c:980
#145 rb_yield_1 (val=94096094867920) at vm_eval.c:986
#146 rb_yield (val=) at vm_eval.c:996
#147 0x000055946cf2113d in rb_ary_each (ary=94096094867160) at array.c:1820
#148 0x000055946cf06829 in vm_call0_cfunc_with_frame (ci=0x7ffd6f6cce00, cc=0x7ffd6f6cce70, argv=0x7fc7bdb4f6b8, calling=0x7ffd6f6cce50, ec=0x55946da519c8) at vm_eval.c:87
#149 vm_call0_cfunc (argv=0x7fc7bdb4f6b8, cc=0x7ffd6f6cce70, ci=0x7ffd6f6cce00, calling=0x7ffd6f6cce50, ec=0x55946da519c8) at vm_eval.c:102
#150 vm_call0_body (ec=0x55946da519c8, calling=calling@entry=0x7ffd6f6cce00, ci=ci@entry=0x7ffd6f6cceb0, cc=cc@entry=0x7ffd6f6ccee0, argv=0x7fc7bdb4f6b8) at vm_eval.c:133
#151 0x000055946cf06c50 in vm_call0 (me=, argv=, argc=, id=, recv=, ec=) at vm_eval.c:60
#152 rb_vm_call (ec=, recv=, id=, argc=, argv=, me=) at vm_eval.c:209
#153 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946dba2780, cc=, calling=, reg_cfp=0x7fc7bdc4e7c0, ec=0x55946da519c8) at vm_inshelper.c:1928
#154 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e7c0, calling=, ci=0x55946dba2780, cc=) at vm_inshelper.c:1944
#155 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e7c0, calling=, ci=, cc=) at vm_inshelper.c:2417
#156 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#157 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#158 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946dfed3a8) at vm.c:2046
#159 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095988939080, wrap=wrap@entry=0) at load.c:611
#160 0x000055946cdd41f1 in rb_require_internal (fname=fname@entry=94095988939160, fname@entry=94095988939200, safe=0) at load.c:992
#161 0x000055946cdd4493 in rb_require_safe (safe=, fname=94095988939200) at load.c:1038
#162 rb_f_require (obj=, fname=94095988939200) at load.c:820
#163 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946dffa920, cc=, calling=, reg_cfp=0x7fc7bdc4e948, ec=0x55946da519c8) at vm_inshelper.c:1928
#164 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e948, calling=, ci=0x55946dffa920, cc=) at vm_inshelper.c:1944
#165 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e948, calling=, ci=, cc=) at vm_inshelper.c:2417
#166 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#167 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#168 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946dfef438) at vm.c:2046
#169 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095993039280, wrap=wrap@entry=0) at load.c:611
#170 0x000055946cdd41f1 in rb_require_internal (fname=fname@entry=94095993043840, safe=0) at load.c:992
#171 0x000055946cdd4493 in rb_require_safe (safe=, fname=94095993043840) at load.c:1038
#172 rb_f_require (obj=, fname=94095993043840) at load.c:820
#173 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946ea12160, cc=, calling=, reg_cfp=0x7fc7bdc4e9b8, ec=0x55946da519c8) at vm_inshelper.c:1928
#174 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e9b8, calling=, ci=0x55946ea12160, cc=) at vm_inshelper.c:1944
#175 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e9b8, calling=, ci=, cc=) at vm_inshelper.c:2417
#176 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#177 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#178 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946e3d7c48) at vm.c:2046
#179 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095988920840, wrap=) at load.c:611
#180 0x000055946cdd2850 in rb_load_internal (wrap=0, fname=94095988920840) at load.c:642
#181 rb_f_load (argc=, argv=) at load.c:710
#182 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e7c96e0, cc=, calling=, reg_cfp=0x7fc7bdc4ea28, ec=0x55946da519c8) at vm_inshelper.c:1928
#183 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4ea28, calling=, ci=0x55946e7c96e0, cc=) at vm_inshelper.c:1944
#184 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4ea28, calling=, ci=, cc=) at vm_inshelper.c:2417
#185 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#186 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#187 0x000055946cf035fc in invoke_block (captured=0x7fc7bdc4eae8, opt_pc=, type=, cref=0x0, self=94095998891400, iseq=0x55946e4dae10, ec=0x55946da519c8) at vm.c:1005
#188 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7fc7bdc4eae8, self=94095998891400, argc=, argv=, passed_block_handler=0,

cref=0x0, is_lambda=0) at vm.c:1057
#189 0x000055946cf04699 in invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1075
#190 vm_yield (argc=1, argv=0x7ffd6f6ce8e8, ec=) at vm.c:1120
#191 rb_yield_0 (argv=0x7ffd6f6ce8e8, argc=1) at vm_eval.c:980
#192 rb_yield_1 (val=94095988924840) at vm_eval.c:986
#193 rb_yield (val=) at vm_eval.c:996
#194 0x000055946cf2113d in rb_ary_each (ary=94095988920960) at array.c:1820
#195 0x000055946cfb61f in vm_call_cfunc_with_frame (ci=0x55946e421000, cc=, calling=, reg_cfp=0x7fc7bdc4ead0, ec=0x55946da519c8) at vm_inshelper.c:1928
#196 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4ead0, calling=, ci=0x55946e421000, cc=) at vm_inshelper.c:1944
#197 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4ead0, calling=, ci=, cc=) at vm_inshelper.c:2417
#198 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#199 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#200 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946e35f2c0) at vm.c:2046
#201 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095992643280, wrap=) at load.c:611
#202 0x000055946cdd2850 in rb_load_internal (wrap=0, fname=94095992643280) at load.c:642
#203 rb_f_load (argc=, argv=) at load.c:710
#204 0x000055946cfb61f in vm_call_cfunc_with_frame (ci=0x55946e24bb20, cc=, calling=, reg_cfp=0x7fc7bdc4ec58, ec=0x55946da519c8) at vm_inshelper.c:1928
#205 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4ec58, calling=, ci=0x55946e24bb20, cc=) at vm_inshelper.c:1944
#206 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4ec58, calling=, ci=, cc=) at vm_inshelper.c:2417
#207 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#208 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#209 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946e3a7390) at vm.c:2046
#210 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095993616120, wrap=) at load.c:611
#211 0x000055946cdd2850 in rb_load_internal (wrap=0, fname=94095993616120) at load.c:642
#212 rb_f_load (argc=, argv=) at load.c:710
#213 0x000055946cfb61f in vm_call_cfunc_with_frame (ci=0x55946e6a00d0, cc=, calling=, reg_cfp=0x7fc7bdc4ecc8, ec=0x55946da519c8) at vm_inshelper.c:1928
#214 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4ecc8, calling=, ci=0x55946e6a00d0, cc=) at vm_inshelper.c:1944
#215 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4ecc8, calling=, ci=, cc=) at vm_inshelper.c:2417
#216 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#217 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#218 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946e470100) at vm.c:2046
#219 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095993672200, wrap=) at load.c:611
#220 0x000055946cdd2850 in rb_load_internal (wrap=0, fname=94095993672200) at load.c:642
#221 rb_f_load (argc=, argv=) at load.c:710
#222 0x000055946cfb61f in vm_call_cfunc_with_frame (ci=0x55946e3306a0, cc=, calling=, reg_cfp=0x7fc7bdc4efa0, ec=0x55946da519c8) at vm_inshelper.c:1928
#223 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4efa0, calling=, ci=0x55946e3306a0, cc=) at vm_inshelper.c:1944
#224 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4efa0, calling=, ci=, cc=) at vm_inshelper.c:2417
#225 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#226 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#227 0x000055946cf119d5 in rb_iseq_eval_main (iseq=iseq@entry=0x55946e4bbba0) at vm.c:2057
#228 0x000055946cd83d54 in ruby_exec_internal (n=0x55946e4bbba0) at eval.c:247
#229 0x000055946cd87fdf in ruby_exec_node (n=0x55946e4bbba0) at eval.c:311
#230 ruby_run_node (n=) at eval.c:303
#231 0x000055946cd831bf in main (argc=22, argv=0x7ffd6f6d0148) at ./main.c:42

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@62433 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

Revision 62433 - 02/16/2018 02:45 PM - k0kubun (Takashi Kokubun)

mjit.c: fix deadlock on class serial increment

This is reported by @hasimo. Fixing a case like this:

```
#0 Ill_lock_wait () at ./sysdeps/unix/sysv/linux/x86_64/lowlevellock.S:135
#1 0x00007fc7bd824dbd in __GI_pthread_mutex_lock (mutex=mutex@entry=0x55946d294440 ) at ../nptl/pthread_mutex_lock.c:80
#2 0x000055946cec54d9 in rb_native_mutex_lock (lock=lock@entry=0x55946d294440 ) at thread_pthread.c:211
#3 0x000055946cde10ca in CRITICAL_SECTION_START (msg=0x55946cfb5423 "mjit_gc_start_hook", level=4) at mjit.c:392
#4 mjit_gc_start_hook () at mjit.c:412
#5 0x000055946cda0dfe in gc_enter (event=0x55946cfaf91e "gc_rest", objspace=0x55946da51760) at gc.c:6623
#6 gc_rest (objspace=objspace@entry=0x55946da51760) at gc.c:6515
#7 0x000055946cd9f1cf in gc_rest (objspace=0x55946da51760) at gc.c:7841
#8 objspace_malloc_increase (objspace=objspace@entry=0x55946da51760, new_size=, old_size=old_size@entry=0, type=type@entry=MEMOP_TYPE_MALLOC, mem=0x7fc7a4439010) at gc.c:7842
#9 0x000055946cda1706 in objspace_malloc_fixup (size=, mem=0x7fc7a4439010, objspace=0x55946da51760) at gc.c:7910
#10 objspace_xmalloc0 (objspace=0x55946da51760, size=, size@entry=3145728) at gc.c:7939
#11 0x000055946cda3620 in ruby_xmalloc0 (size=3145728) at gc.c:8006
```

#12 ruby_xmalloc (size=size@entry=3145728) at gc.c:8015
#13 0x000055946ce93f4c in st_init_table_with_size (type=0x55946d28da30, size=) at st.c:602
#14 0x000055946ce94287 in rebuild_table (tab=tab@entry=0x55946db669f0) at st.c:777
#15 0x000055946ce963f7 in rebuild_table_if_necessary (tab=0x55946db669f0) at st.c:1139
#16 st_add_direct_with_hash (hash=8577035585096733536, value=20, key=808451, tab=0x55946db669f0) at st.c:1207
#17 st_update (tab=0x55946db669f0, key=key@entry=808451, func=, arg=140726472841392) at st.c:1512
#18 0x000055946cda9e27 in tbl_update (optional_arg=, func=, key=, hash=) at hash.c:561
#19 rb_hash_aset (hash=94095983218480, key=key@entry=808451, val=val@entry=20) at hash.c:1654
#20 0x000055946cde243a in mjit_add_class_serial (class_serial=class_serial@entry=404225) at mjit.c:1414 3
#21 0x000055946cefcfab in rb_next_class_serial () at vm.c:321
#22 0x000055946cf48324 in class_alloc (klass=, flags=28) at class.c:178
#23 rb_include_class_new (module=module@entry=94096115733840, super=0) at class.c:820
#24 0x000055946cf487ac in include_modules_at (klass=klass@entry=94096135960920, c=, module=, module@entry=94096115734160, search_super=search_super@entry=1) at class.c:913
#25 0x000055946cf48ac8 in rb_include_module (klass=94096135960920, module=module@entry=94096115734160) at class.c:870
#26 0x000055946cd84993 in rb_mod_append_features (module=94096115734160, include=) at eval.c:1178
#27 0x000055946cf06829 in vm_call0_cfunc_with_frame (ci=0x7ffd6f6c9a20, cc=0x7ffd6f6c9ba0, argv=0x7ffd6f6c9ba0, calling=0x7ffd6f6c9a30, ec=0x55946da519c8) at vm_eval.c:87
#28 vm_call0_cfunc (argv=0x7ffd6f6c9ba0, cc=0x7ffd6f6c9ba0, ci=0x7ffd6f6c9a20, calling=0x7ffd6f6c9a30, ec=0x55946da519c8) at vm_eval.c:102
#29 vm_call0_body (ec=ec@entry=0x55946da519c8, calling=calling@entry=0x7ffd6f6c9ae0, ci=ci@entry=0x7ffd6f6c9ad0, cc=cc@entry=0x7ffd6f6c9b00, argv=argv@entry=0x7ffd6f6c9ba0) at vm_eval.c:133
#30 0x000055946cf074b2 in vm_call0 (me=, argv=0x7ffd6f6c9ba0, argc=1, id=4849, recv=94096115734160, ec=0x55946da519c8) at vm_eval.c:60
#31 rb_call0 (ec=0x55946da519c8, recv=94096115734160, mid=4849, mid@entry=94096135960920, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6c9ba0, scope=scope@entry=CALL_FCALL, self=94096135960920) at vm_eval.c:302
#32 0x000055946cf07b9b in rb_call (scope=CALL_FCALL, argv=0x7ffd6f6c9ba0, argc=1, mid=94096135960920, recv=) at vm_eval.c:595
#33 rb_funcallv (recv=, mid=mid@entry=4849, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6c9ba0) at vm_eval.c:825
#34 0x000055946cd848a7 in rb_mod_include (argc=0, argv=0x7fc7bdb4fce8, module=94096135960920) at eval.c:1203
#35 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x5594710c06b0, cc=, calling=, reg_cfp=0x7fc7bdc4df00, ec=0x55946da519c8) at vm_inshelper.c:1928
#36 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4df00, calling=, ci=0x5594710c06b0, cc=) at vm_inshelper.c:1944
#37 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#38 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#39 0x000055946cf035fc in invoke_block (captured=0x7ffd6f6ca0a0, opt_pc=, type=, cref=0x559476c23930, self=94096135960920, iseq=0x559471335ee0, ec=0x55946da519c8) at vm.c:1005
#40 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7ffd6f6ca0a0, self=94096135960920, argc=, argv=, passed_block_handler=0, cref=0x559476c23930, is_lambda=0) at vm.c:1057
#41 0x000055946cf04520 in invoke_block_from_c_bh (ec=ec@entry=0x55946da519c8, block_handler=, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6ca108, cref=, is_lambda=, is_lambda@entry=0, force_blockarg=0, passed_block_handler=0) at vm.c:1075
#42 0x000055946cf04958 in vm_yield_with_cref (is_lambda=0, cref=, argv=0x7ffd6f6ca108, argc=1, ec=0x55946da519c8) at vm.c:1112
#43 yield_under (under=94096135960920, self=, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6ca108) at vm_eval.c:1572
#44 0x000055946cf04b12 in rb_mod_module_exec (argc=argc@entry=1, argv=argv@entry=0x7ffd6f6ca108, mod=) at vm_eval.c:1770
#45 0x000055946ce00fc6 in rb_mod_initialize (module=94096135960920) at object.c:1978
#46 0x000055946cf06829 in vm_call0_cfunc_with_frame (ci=0x7ffd6f6ca130, cc=0x7fc7bdb4fc98, argv=0x7fc7bdb4fc98, calling=0x7ffd6f6ca140, ec=0x55946da519c8) at vm_eval.c:87
#47 vm_call0_cfunc (argv=0x7fc7bdb4fc98, cc=0x7fc7bdb4fc98, ci=0x7ffd6f6ca130, calling=0x7ffd6f6ca140, ec=0x55946da519c8) at vm_eval.c:102
#48 vm_call0_body (ec=ec@entry=0x55946da519c8, calling=calling@entry=0x7ffd6f6ca1f0, ci=ci@entry=0x7ffd6f6ca1e0, cc=cc@entry=0x7ffd6f6ca210, argv=argv@entry=0x7fc7bdb4fc98) at vm_eval.c:133
#49 0x000055946cf074b2 in vm_call0 (me=, argv=0x7fc7bdb4fc98, argv=0, id=3057, recv=94096135960920, ec=0x55946da519c8) at vm_eval.c:60
#50 rb_call0 (ec=0x55946da519c8, recv=recv@entry=94096135960920, mid=mid@entry=3057, argc=argc@entry=3057, argv=argv@entry=0x0, scope=scope@entry=CALL_FCALL, self=94095983466120) at vm_eval.c:302
#51 0x000055946cf07b9b in rb_call (scope=CALL_FCALL, argv=0x0, argc=3057, mid=3057, recv=94096135960920) at vm_eval.c:595
#52 rb_funcallv (recv=recv@entry=94096135960920, mid=mid@entry=3057, argc=argc@entry=0, argv=argv@entry=0x7fc7bdb4fc98) at vm_eval.c:825
#53 0x000055946cd89673 in rb_obj_call_init (obj=obj@entry=94096135960920, argc=argc@entry=0, argv=argv@entry=0x7fc7bdb4fc98) at eval.c:1590
#54 0x000055946ce048a1 in rb_class_s_new (argc=0, argv=0x7fc7bdb4fc98, klass=) at object.c:2153
#55 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x559471339c80, cc=, calling=, reg_cfp=0x7fc7bdc4dfa8, ec=0x55946da519c8) at vm_inshelper.c:1928
#56 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4dfa8, calling=, ci=0x559471339c80, cc=) at vm_inshelper.c:1944
#57 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#58 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#59 0x000055946cf03274 in invoke_bmethod (ec=ec@entry=0x55946da519c8, iseq=iseq@entry=0x55946f15cb0, self=self@entry=94096115734640, me=me@entry=0x559475664e28, type=type@entry=572653825, opt_pc=0, captured=0x55947158e8a0) at vm.c:1026
#60 0x000055946cf03534 in invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x55947158e8a0, self=94096115734640, argc=, argv=, passed_block_handler=0, cref=0x0, is_lambda=1) at vm.c:1060
#61 0x000055946cf036ce in invoke_block_from_c_proc (ec=, proc=, self=, argc=1, argv=, passed_block_handler=, is_lambda=) at vm.c:1150
#62 0x000055946cf03811 in vm_invoke_bmethod (block_handler=, argv=, argc=1, self=, proc=, ec=0x55946da519c8) at vm.c:1175
#63 vm_call_bmethod_body (ci=, cc=0x55946f625960, argv=, calling=0x7ffd6f6ca9b0, ec=0x55946da519c8) at vm_inshelper.c:1971
#64 vm_call_bmethod (ec=0x55946da519c8, cfp=0x7fc7bdc4e0c0, calling=0x7ffd6f6ca9b0, ci=, cc=0x55946f625960) at vm_inshelper.c:1988
#65 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e0c0, calling=, ci=, cc=) at vm_inshelper.c:2417
#66 0x000055946cf0e63e in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:797

#67 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#68 0x000055946cf06767 in vm_call0_body (ec=ec@entry=0x55946da519c8, calling=calling@entry=0x7ffd6f6cad00, ci=ci@entry=0x7ffd6f6cacf0, cc=cc@entry=0x7ffd6f6cad20, argv=argv@entry=0x7ffd6f6cadb0) at vm_eval.c:129
#69 0x000055946cf074b2 in vm_call0 (me=, argv=0x7ffd6f6cadb0, argc=1, id=3681, recv=94096115734640, ec=0x55946da519c8) at vm_eval.c:60
#70 rb_call0 (ec=0x55946da519c8, recv=recv@entry=94096115734640, mid=3681, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6cad90, scope=scope@entry=CALL_FCALL, self=94095983452880) at vm_eval.c:302
#71 0x000055946cf07b9b in rb_call (scope=CALL_FCALL, argv=0x7ffd6f6cad90, argc=1, mid=, recv=94096115734640) at vm_eval.c:595
#72 rb_funcallv (recv=recv@entry=94096115734640, mid=, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6cadb0) at vm_eval.c:825
#73 0x000055946cf477d2 in rb_class_inherited (super=super@entry=94096115734640, klass=klass@entry=94096135961440) at class.c:625
#74 0x000055946cf0f796 in vm_declare_class (super=, cbase=94096094868200, flags=, id=847387) at vm_inshelper.c:3134
#75 vm_define_class (super=, cbase=, flags=, id=847387) at vm_inshelper.c:3167
#76 vm_find_or_create_class_by_id (super=, cbase=, flags=, id=847387) at vm_inshelper.c:3196
#77 vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:685
#78 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#79 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x559471f1b548) at vm.c:2046
#80 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94096135872160, wrap=wrap@entry=0) at load.c:611
#81 0x000055946cdd41f1 in rb_require_internal (fname=94096135872400, fname@entry=94096135872440, safe=0) at load.c:992
#82 0x000055946cdd4493 in rb_require_safe (safe=, fname=94096135872440) at load.c:1038
#83 rb_f_require (obj=, fname=94096135872440) at load.c:820
#84 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x5594708700a0, cc=, calling=, reg_cfp=0x7fc7bdc4e168, ec=0x55946da519c8) at vm_inshelper.c:1928
#85 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e168, calling=, ci=0x5594708700a0, cc=) at vm_inshelper.c:1944
#86 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e168, calling=, ci=, cc=) at vm_inshelper.c:2417
#87 0x000055946cf0e63e in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:797
#88 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#89 0x000055946cf035fc in invoke_block (captured=0x7fc7bdc4e490, opt_pc=, type=, cref=0x0, self=94096096426480, iseq=0x55946e49f0b8, ec=0x55946da519c8) at vm.c:1005
#90 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7fc7bdc4e490, self=94096096426480, argc=, argv=, passed_block_handler=0, cref=0x0, is_lambda=0) at vm.c:1057
#91 0x000055946cf04699 in invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1075
#92 vm_yield (argc=1, argv=0x7ffd6f6cb938, ec=) at vm.c:1120
#93 rb_yield_0 (argv=0x7ffd6f6cb938, argc=1) at vm_eval.c:980
#94 rb_yield_1 (val=94096130169040) at vm_eval.c:986
#95 rb_yield (val=) at vm_eval.c:996
#96 0x000055946cf2113d in rb_ary_each (ary=94096076222560) at array.c:1820
#97 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946ed0d090, cc=, calling=, reg_cfp=0x7fc7bdc4e478, ec=0x55946da519c8) at vm_inshelper.c:1928
#98 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e478, calling=, ci=0x55946ed0d090, cc=) at vm_inshelper.c:1944
#99 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#100 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#101 0x000055946cf035fc in invoke_block (captured=0x7fc7bdc4e500, opt_pc=, type=, cref=0x0, self=94096096426480, iseq=0x55946e49f298, ec=0x55946da519c8) at vm.c:1005
#102 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7fc7bdc4e500, self=94096096426480, argc=, argv=, passed_block_handler=0, cref=0x0, is_lambda=0) at vm.c:1057
#103 0x000055946cf04699 in invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1075
#104 vm_yield (argc=1, argv=0x7ffd6f6cbdbf8, ec=) at vm.c:1120
#105 rb_yield_0 (argv=0x7ffd6f6cbdbf8, argc=1) at vm_eval.c:980
#106 rb_yield_1 (val=94096095502480) at vm_eval.c:986
#107 rb_yield (val=) at vm_eval.c:996
#108 0x000055946cf2113d in rb_ary_each (ary=94096095328480) at array.c:1820
#109 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e8552a0, cc=, calling=, reg_cfp=0x7fc7bdc4e4e8, ec=0x55946da519c8) at vm_inshelper.c:1928
#110 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e4e8, calling=, ci=0x55946e8552a0, cc=) at vm_inshelper.c:1944
#111 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#112 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#113 0x000055946cf06767 in vm_call0_body (ec=ec@entry=0x55946da519c8, calling=calling@entry=0x7ffd6f6cc2d0, ci=ci@entry=0x7ffd6f6cc2c0, cc=cc@entry=0x7ffd6f6cc2f0, argv=argv@entry=0x7ffd6f6cc390) at vm_eval.c:129
#114 0x000055946cf074b2 in vm_call0 (me=, argv=0x7ffd6f6cc390, argc=0, id=135807, recv=94096096186440, ec=0x55946da519c8) at vm_eval.c:60
#115 rb_call0 (ec=0x55946da519c8, recv=94096096186440, mid=135807, argc=, argv=argv@entry=0x8, scope=scope@entry=CALL_PUBLIC, self=94095993048320) at vm_eval.c:302
#116 0x000055946cf0a31a in rb_call (scope=CALL_PUBLIC, argv=0x8, argc=, mid=, recv=) at vm_eval.c:595
#117 rb_funcall_with_block (recv=, mid=, argc=argc@entry=0, argv=argv@entry=0x7ffd6f6cc390, passed_procval=passed_procval@entry=8) at vm_eval.c:857
#118 0x000055946ceb319c in rb_sym_proc_call (mid=, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6cc388, passed_proc=passed_proc@entry=8) at string.c:10480
#119 0x000055946cf0477c in vm_yield_with_symbol (block_handler=0, argv=0x7ffd6f6cc388, argc=1, symbol=, ec=) at vm_inshelper.c:2573
#120 invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1084
#121 vm_yield (argc=1, argv=0x7ffd6f6cc388, ec=) at vm.c:1120

#122 rb_yield_0 (argv=0x7ffd6f6cc388, argc=1) at vm_eval.c:980
#123 rb_yield_1 (val=94096096186440) at vm_eval.c:986
#124 rb_yield (val=) at vm_eval.c:996
#125 0x000055946cf2113d in rb_ary_each (ary=94095993048320) at array.c:1820
#126 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x5594744d8280, cc=, calling=, reg_cfp=0x7fc7bdc4e590, ec=0x55946da519c8) at vm_insnhelper.c:1928
#127 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e590, calling=, ci=0x5594744d8280, cc=) at vm_insnhelper.c:1944
#128 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e590, calling=, ci=, cc=) at vm_insnhelper.c:2417
#129 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#130 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#131 0x000055946cf035fc in invoke_block (captured=0x7ffd6f6cc8e0, opt_pc=, type=, cref=0x559474604128, self=94096096426480, iseq=0x5594745027e8, ec=0x55946da519c8) at vm.c:1005
#132 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7ffd6f6cc8e0, self=94096096426480, argc=, argv=, passed_block_handler=0, cref=0x559474604128, is_lambda=0) at vm.c:1057
#133 0x000055946cf04520 in invoke_block_from_c_bh (ec=ec@entry=0x55946da519c8, block_handler=, argc=argc@entry=1, argv=argv@entry=0x7fc7bdb4f7f8, cref=, is_lambda=, is_lambda@entry=0, force_blockarg=0, passed_block_handler=0) at vm.c:1075
#134 0x000055946cf04958 in vm_yield_with_cref (is_lambda=0, cref=, argv=0x7fc7bdb4f7f8, argc=1, ec=0x55946da519c8) at vm.c:1112
#135 yield_under (under=94096093646040, self=, argc=1, argv=0x7fc7bdb4f7f8) at vm_eval.c:1572
#136 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e5cd230, cc=, calling=, reg_cfp=0x7fc7bdc4e600, ec=0x55946da519c8) at vm_insnhelper.c:1928
#137 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e600, calling=, ci=0x55946e5cd230, cc=) at vm_insnhelper.c:1944
#138 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#139 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#140 0x000055946cf035fc in invoke_block (captured=0x5594744c4fb0, opt_pc=, type=, cref=0x0, self=94095990659320, iseq=0x55946e192aa0, ec=0x55946da519c8) at vm.c:1005
#141 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x5594744c4fb0, self=94095990659320, argc=, argv=, passed_block_handler=0, cref=0x0, is_lambda=0) at vm.c:1057
#142 0x000055946cf04699 in invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1075
#143 vm_yield (argc=1, argv=0x7ffd6f6ccdc8, ec=) at vm.c:1120
#144 rb_yield_0 (argv=0x7ffd6f6ccdc8, argc=1) at vm_eval.c:980
#145 rb_yield_1 (val=94096094867920) at vm_eval.c:986
#146 rb_yield (val=) at vm_eval.c:996
#147 0x000055946cf2113d in rb_ary_each (ary=94096094867160) at array.c:1820
#148 0x000055946cf06829 in vm_call_cfunc_with_frame (ci=0x7ffd6f6cce00, cc=0x7ffd6f6cce70, argv=0x7fc7bdb4f6b8, calling=0x7ffd6f6cce50, ec=0x55946da519c8) at vm_eval.c:87
#149 vm_call0_cfunc (argv=0x7fc7bdb4f6b8, cc=0x7ffd6f6cce70, ci=0x7ffd6f6cce00, calling=0x7ffd6f6cce50, ec=0x55946da519c8) at vm_eval.c:102
#150 vm_call0_body (ec=0x55946da519c8, calling=calling@entry=0x7ffd6f6cce00, ci=ci@entry=0x7ffd6f6cce00, cc=cc@entry=0x7ffd6f6ccce0, argv=0x7fc7bdb4f6b8) at vm_eval.c:133
#151 0x000055946cf06c50 in vm_call0 (me=, argv=, argc=, id=, recv=, ec=) at vm_eval.c:60
#152 rb_vm_call (ec=, recv=, id=, argc=, argv=, me=) at vm_eval.c:209
#153 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946dba2780, cc=, calling=, reg_cfp=0x7fc7bdc4e7c0, ec=0x55946da519c8) at vm_insnhelper.c:1928
#154 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e7c0, calling=, ci=0x55946dba2780, cc=) at vm_insnhelper.c:1944
#155 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e7c0, calling=, ci=, cc=) at vm_insnhelper.c:2417
#156 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#157 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#158 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946dfed3a8) at vm.c:2046
#159 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095988939080, wrap=wrap@entry=0) at load.c:611
#160 0x000055946cdd41f1 in rb_require_internal (fname=fname@entry=94095988939160, fname@entry=94095988939200, safe=0) at load.c:992
#161 0x000055946cdd4493 in rb_require_safe (safe=, fname=94095988939200) at load.c:1038
#162 rb_f_require (obj=, fname=94095988939200) at load.c:820
#163 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946dffa920, cc=, calling=, reg_cfp=0x7fc7bdc4e948, ec=0x55946da519c8) at vm_insnhelper.c:1928
#164 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e948, calling=, ci=0x55946dffa920, cc=) at vm_insnhelper.c:1944
#165 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e948, calling=, ci=, cc=) at vm_insnhelper.c:2417
#166 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#167 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#168 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946dfee438) at vm.c:2046
#169 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095993039280, wrap=wrap@entry=0) at load.c:611
#170 0x000055946cdd41f1 in rb_require_internal (fname=fname@entry=94095993043840, safe=0) at load.c:992
#171 0x000055946cdd4493 in rb_require_safe (safe=, fname=94095993043840) at load.c:1038
#172 rb_f_require (obj=, fname=94095993043840) at load.c:820
#173 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946ea12160, cc=, calling=, reg_cfp=0x7fc7bdc4e9b8, ec=0x55946da519c8) at vm_insnhelper.c:1928
#174 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e9b8, calling=, ci=0x55946ea12160, cc=) at vm_insnhelper.c:1944
#175 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e9b8, calling=, ci=, cc=) at vm_insnhelper.c:2417
#176 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779

#177 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#178 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946e3d7c48) at vm.c:2046
#179 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095988920840, wrap=) at load.c:611
#180 0x000055946cdd2850 in rb_load_internal (wrap=0, fname=94095988920840) at load.c:642
#181 rb_f_load (argc=, argv=) at load.c:710
#182 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e7c96e0, cc=, calling=, reg_cfp=0x7fc7bdc4ea28, ec=0x55946da519c8) at vm_inshelper.c:1928
#183 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4ea28, calling=, ci=0x55946e7c96e0, cc=) at vm_inshelper.c:1944
#184 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4ea28, calling=, ci=, cc=) at vm_inshelper.c:2417
#185 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#186 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#187 0x000055946cf035fc in invoke_block (captured=0x7fc7bdc4eae8, opt_pc=, type=, cref=0x0, self=9409598891400, iseq=0x55946e4dae10, ec=0x55946da519c8) at vm.c:1005
#188 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7fc7bdc4eae8, self=9409598891400, argc=, argv=, passed_block_handler=0, cref=0x0, is_lambda=0) at vm.c:1057
#189 0x000055946cf04699 in invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1075
#190 vm_yield (argc=1, argv=0x7ffd6f6ce8e8, ec=) at vm.c:1120
#191 rb_yield_0 (argv=0x7ffd6f6ce8e8, argc=1) at vm_eval.c:980
#192 rb_yield_1 (val=94095988924840) at vm_eval.c:986
#193 rb_yield (val=) at vm_eval.c:996
#194 0x000055946cf2113d in rb_ary_each (ary=94095988920960) at array.c:1820
#195 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e421000, cc=, calling=, reg_cfp=0x7fc7bdc4ead0, ec=0x55946da519c8) at vm_inshelper.c:1928
#196 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4ead0, calling=, ci=0x55946e421000, cc=) at vm_inshelper.c:1944
#197 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4ead0, calling=, ci=, cc=) at vm_inshelper.c:2417
#198 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#199 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#200 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946e35f2c0) at vm.c:2046
#201 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095992643280, wrap=) at load.c:611
#202 0x000055946cdd2850 in rb_load_internal (wrap=0, fname=94095992643280) at load.c:642
#203 rb_f_load (argc=, argv=) at load.c:710
#204 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e24bb20, cc=, calling=, reg_cfp=0x7fc7bdc4ec58, ec=0x55946da519c8) at vm_inshelper.c:1928
#205 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4ec58, calling=, ci=0x55946e24bb20, cc=) at vm_inshelper.c:1944
#206 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4ec58, calling=, ci=, cc=) at vm_inshelper.c:2417
#207 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#208 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#209 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946e3a7390) at vm.c:2046
#210 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095993616120, wrap=) at load.c:611
#211 0x000055946cdd2850 in rb_load_internal (wrap=0, fname=94095993616120) at load.c:642
#212 rb_f_load (argc=, argv=) at load.c:710
#213 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e6a00d0, cc=, calling=, reg_cfp=0x7fc7bdc4ecc8, ec=0x55946da519c8) at vm_inshelper.c:1928
#214 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4ecc8, calling=, ci=0x55946e6a00d0, cc=) at vm_inshelper.c:1944
#215 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4ecc8, calling=, ci=, cc=) at vm_inshelper.c:2417
#216 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#217 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#218 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946e470100) at vm.c:2046
#219 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095993672200, wrap=) at load.c:611
#220 0x000055946cdd2850 in rb_load_internal (wrap=0, fname=94095993672200) at load.c:642
#221 rb_f_load (argc=, argv=) at load.c:710
#222 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e3306a0, cc=, calling=, reg_cfp=0x7fc7bdc4efa0, ec=0x55946da519c8) at vm_inshelper.c:1928
#223 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4efa0, calling=, ci=0x55946e3306a0, cc=) at vm_inshelper.c:1944
#224 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4efa0, calling=, ci=, cc=) at vm_inshelper.c:2417
#225 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#226 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#227 0x000055946cf119d5 in rb_iseq_eval_main (iseq=iseq@entry=0x55946e4bbba0) at vm.c:2057
#228 0x000055946cd83d54 in ruby_exec_internal (n=0x55946e4bbba0) at eval.c:247
#229 0x000055946cd87fdf in ruby_exec_node (n=0x55946e4bbba0) at eval.c:311
#230 ruby_run_node (n=) at eval.c:303
#231 0x000055946cd831bf in main (argc=22, argv=0x7ffd6f6d0148) at ./main.c:42

Revision 62433 - 02/16/2018 02:45 PM - k0kubun (Takashi Kokubun)

mjit.c: fix deadlock on class serial increment

This is reported by @hasimo. Fixing a case like this:

#0 Ill_lock_wait () at ../sysdeps/unix/sysv/linux/x86_64/lowlevellock.S:135

#1 0x00007fc7bd824dbd in __GI_pthread_mutex_lock (mutex=mutex@entry=0x55946d294440) at ../nptl/pthread_mutex_lock.c:80

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#2 0x000055946cec54d9 in rb_native_mutex_lock (lock=lock@entry=0x55946d294440) at thread_pthread.c:211

#3 0x000055946cde10ca in CRITICAL_SECTION_START (msg=0x55946cfb5423 "mjit_gc_start_hook", level=4) at mjit.c:392

#4 mjit_gc_start_hook () at mjit.c:412

#5 0x000055946cda0dfe in gc_enter (event=0x55946cfaf91e "gc_rest", objspace=0x55946da51760) at gc.c:6623

#6 gc_rest (objspace=objspace@entry=0x55946da51760) at gc.c:6515

#7 0x000055946cd9f1cf in gc_rest (objspace=0x55946da51760) at gc.c:7841

#8 objspace_malloc_increase (objspace=objspace@entry=0x55946da51760, new_size=, old_size=old_size@entry=0, type=type@entry=MEMOP_TYPE_MALLOC, mem=0x7fc7a4439010) at gc.c:7842

#9 0x000055946cda1706 in objspace_malloc_fixup (size=, mem=0x7fc7a4439010, objspace=0x55946da51760) at gc.c:7910

#10 objspace_xmalloc0 (objspace=0x55946da51760, size=, size@entry=3145728) at gc.c:7939

#11 0x000055946cda3620 in ruby_xmalloc0 (size=3145728) at gc.c:8006

#12 ruby_xmalloc (size=size@entry=3145728) at gc.c:8015

#13 0x000055946ce93f4c in st_init_table_with_size (type=0x55946d28da30, size=) at st.c:602

#14 0x000055946ce94287 in rebuild_table (tab=tab@entry=0x55946db669f0) at st.c:777

#15 0x000055946ce963f7 in rebuild_table_if_necessary (tab=0x55946db669f0) at st.c:1139

#16 st_add_direct_with_hash (hash=8577035585096733536, value=20, key=808451, tab=0x55946db669f0) at st.c:1207

#17 st_update (tab=0x55946db669f0, key=key@entry=808451, func=, arg=140726472841392) at st.c:1512

#18 0x000055946cda9e27 in tbl_update (optional_arg=, func=, key=, hash=) at hash.c:561

#19 rb_hash_aset (hash=94095983218480, key=key@entry=808451, val=val@entry=20) at hash.c:1654

#20 0x000055946cde243a in mjit_add_class_serial (class_serial=class_serial@entry=404225) at mjit.c:1414

3

#21 0x000055946cefcfab in rb_next_class_serial () at vm.c:321

#22 0x000055946cf48324 in class_alloc (klass=, flags=28) at class.c:178

#23 rb_include_class_new (module=module@entry=94096115733840, super=0) at class.c:820

#24 0x000055946cf487ac in include_modules_at (klass=klass@entry=94096135960920, c=, module=, module@entry=94096115734160, search_super=search_super@entry=1) at class.c:913

#25 0x000055946cf48ac8 in rb_include_module (klass=94096135960920, module=module@entry=94096115734160) at class.c:870

#26 0x000055946cd84993 in rb_mod_append_features (module=94096115734160, include=) at eval.c:1178

#27 0x000055946cf06829 in vm_call0_cfunc_with_frame (ci=0x7ffd6f6c9a20, cc=0x7ffd6f6c9ba0, argv=0x7ffd6f6c9ba0, calling=0x7ffd6f6c9a30, ec=0x55946da519c8) at vm_eval.c:87

#28 vm_call0_cfunc (argv=0x7ffd6f6c9ba0, cc=0x7ffd6f6c9ba0, ci=0x7ffd6f6c9a20, calling=0x7ffd6f6c9a30, ec=0x55946da519c8) at vm_eval.c:102

#29 vm_call0_body (ec=ec@entry=0x55946da519c8, calling=calling@entry=0x7ffd6f6c9ae0, ci=ci@entry=0x7ffd6f6c9ad0,

cc=cc@entry=0x7ffd6f6c9b00, argv=argv@entry=0x7ffd6f6c9ba0) at vm_eval.c:133

#30 0x000055946cf074b2 in vm_call0 (me=, argv=0x7ffd6f6c9ba0, argc=1, id=4849, recv=94096115734160, ec=0x55946da519c8) at vm_eval.c:60

#31 rb_call0 (ec=0x55946da519c8, recv=94096115734160, mid=4849, mid@entry=94096135960920, argc=argc@entry=1,

argv=argv@entry=0x7ffd6f6c9ba0, scope=scope@entry=CALL_FCALL, self=94096135960920) at vm_eval.c:302

#32 0x000055946cf07b9b in rb_call (scope=CALL_FCALL, argv=0x7ffd6f6c9ba0, argc=1, mid=94096135960920, recv=) at vm_eval.c:595

#33 rb_funcallv (recv=, mid=mid@entry=4849, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6c9ba0) at vm_eval.c:825

#34 0x000055946cd848a7 in rb_mod_include (argc=0, argv=0x7fc7bdb4fce8, module=94096135960920) at eval.c:1203

#35 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x5594710c06b0, cc=, calling=, reg_cfp=0x7fc7bdc4df00, ec=0x55946da519c8) at vm_inshelper.c:1928

#36 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4df00, calling=, ci=0x5594710c06b0, cc=) at vm_inshelper.c:1944

#37 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at

/tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779

#38 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804

#39 0x000055946cf035fc in invoke_block (captured=0x7ffd6f6ca0a0, opt_pc=, type=, cref=0x559476c23930, self=94096135960920,

iseq=0x559471335ee0, ec=0x55946da519c8) at vm.c:1005

#40 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7ffd6f6ca0a0, self=94096135960920, argc=, argv=, passed_block_handler=0, cref=0x559476c23930, is_lambda=0) at vm.c:1057

#41 0x000055946cf04520 in invoke_block_from_c_bh (ec=ec@entry=0x55946da519c8, block_handler=, argc=argc@entry=1,

argv=argv@entry=0x7ffd6f6ca108, cref=, is_lambda=, is_lambda@entry=0, force_blockarg=0, passed_block_handler=0) at vm.c:1075

#42 0x000055946cf04958 in vm_yield_with_cref (is_lambda=0, cref=, argv=0x7ffd6f6ca108, argc=1, ec=0x55946da519c8) at vm.c:1112

#43 yield_under (under=94096135960920, self=, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6ca108) at vm_eval.c:1572

#44 0x000055946cf04b12 in rb_mod_module_exec (argc=argc@entry=1, argv=argv@entry=0x7ffd6f6ca108, mod=) at vm_eval.c:1770

#45 0x000055946ce00fc6 in rb_mod_initialize (module=94096135960920) at object.c:1978

#46 0x000055946cf06829 in vm_call0_cfunc_with_frame (ci=0x7ffd6f6ca130, cc=0x7fc7bdb4fc98, argv=0x7fc7bdb4fc98, calling=0x7ffd6f6ca140, ec=0x55946da519c8) at vm_eval.c:87

#47 vm_call0_cfunc (argv=0x7fc7bdb4fc98, cc=0x7fc7bdb4fc98, ci=0x7ffd6f6ca130, calling=0x7ffd6f6ca140, ec=0x55946da519c8) at vm_eval.c:102

#48 vm_call0_body (ec=ec@entry=0x55946da519c8, calling=calling@entry=0x7ffd6f6ca1f0, ci=ci@entry=0x7ffd6f6ca1e0,

cc=cc@entry=0x7ffd6f6ca210, argv=argv@entry=0x7fc7bdb4fc98) at vm_eval.c:133

#49 0x000055946cf074b2 in vm_call0 (me=, argv=0x7fc7bdb4fc98, argc=0, id=3057, recv=94096135960920, ec=0x55946da519c8) at vm_eval.c:60

#50 rb_call0 (ec=0x55946da519c8, recv=recv@entry=94096135960920, mid=mid@entry=3057, argc=argc@entry=3057, argv=argv@entry=0x0, scope=scope@entry=CALL_FCALL, self=94095983466120) at vm_eval.c:302

#51 0x000055946cf07b9b in rb_call (scope=CALL_FCALL, argv=0x0, argc=3057, mid=3057, recv=94096135960920) at vm_eval.c:595

#52 rb_funcallv (recv=recv@entry=94096135960920, mid=mid@entry=3057, argc=argc@entry=0, argv=argv@entry=0x7fc7bdb4fc98) at

vm_eval.c:825

#53 0x000055946cd89673 in rb_obj_call_init (obj=obj@entry=94096135960920, argc=argc@entry=0, argv=argv@entry=0x7fc7bdb4fc98) at eval.c:1590

#54 0x000055946ce048a1 in rb_class_s_new (argc=0, argv=0x7fc7bdb4fc98, klass=) at object.c:2153

#55 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x559471339c80, cc=, calling=, reg_cfp=0x7fc7bdc4dfa8, ec=0x55946da519c8) at vm_inshelper.c:1928

#56 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4dfa8, calling=, ci=0x559471339c80, cc=) at vm_inshelper.c:1944

#57 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at

/tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716

#58 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#59 0x000055946cf03274 in invoke_bmethod (ec=ec@entry=0x55946da519c8, iseq=iseq@entry=0x55946f15cbc0, self=self@entry=94096115734640, me=me@entry=0x559475664e28, type=type@entry=572653825, opt_pc=0, captured=0x55947158e8a0) at vm.c:1026
#60 0x000055946cf03534 in invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x55947158e8a0, self=94096115734640, argc=, argv=, passed_block_handler=0, cref=0x0, is_lambda=1) at vm.c:1060
#61 0x000055946cf036ce in invoke_block_from_c_proc (ec=, proc=, self=, argc=1, argv=, passed_block_handler=, is_lambda=) at vm.c:1150
#62 0x000055946cf03811 in vm_invoke_bmethod (block_handler=, argv=, argc=1, self=, proc=, ec=0x55946da519c8) at vm.c:1175
#63 vm_call_bmethod_body (ci=, cc=0x55946f625960, argv=, calling=0x7ffd6f6ca9b0, ec=0x55946da519c8) at vm_inshelper.c:1971
#64 vm_call_bmethod (ec=0x55946da519c8, cfp=0x7fc7bdc4e0c0, calling=0x7ffd6f6ca9b0, ci=, cc=0x55946f625960) at vm_inshelper.c:1988
#65 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e0c0, calling=, ci=, cc=) at vm_inshelper.c:2417
#66 0x000055946cf0e63e in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:797
#67 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#68 0x000055946cf06767 in vm_call0_body (ec=ec@entry=0x55946da519c8, calling=calling@entry=0x7ffd6f6cad00, ci=ci@entry=0x7ffd6f6cacf0, cc=cc@entry=0x7ffd6f6cad20, argv=argv@entry=0x7ffd6f6cadb0) at vm_eval.c:129
#69 0x000055946cf074b2 in vm_call0 (me=, argv=0x7ffd6f6cadb0, argc=1, id=3681, recv=94096115734640, ec=0x55946da519c8) at vm_eval.c:60
#70 rb_call0 (ec=0x55946da519c8, recv=recv@entry=94096115734640, mid=3681, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6cad90, scope=scope@entry=CALL_FCALL, self=94095983452880) at vm_eval.c:302
#71 0x000055946cf07b9b in rb_call (scope=CALL_FCALL, argv=0x7ffd6f6cad90, argc=1, mid=, recv=94096115734640) at vm_eval.c:595
#72 rb_funcallv (recv=recv@entry=94096115734640, mid=, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6cadb0) at vm_eval.c:825
#73 0x000055946cf477d2 in rb_class_inherited (super=super@entry=94096115734640, klass=klass@entry=94096135961440) at class.c:625
#74 0x000055946cf0f796 in vm_declare_class (super=, cbase=94096094868200, flags=, id=847387) at vm_inshelper.c:3134
#75 vm_define_class (super=, cbase=, flags=, id=847387) at vm_inshelper.c:3167
#76 vm_find_or_create_class_by_id (super=, cbase=, flags=, id=847387) at vm_inshelper.c:3196
#77 vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:685
#78 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#79 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x559471f1b548) at vm.c:2046
#80 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94096135872160, wrap=wrap@entry=0) at load.c:611
#81 0x000055946cdd41f1 in rb_require_internal (fname=94096135872400, fname@entry=94096135872440, safe=0) at load.c:992
#82 0x000055946cdd4493 in rb_require_safe (safe=, fname=94096135872440) at load.c:1038
#83 rb_f_require (obj=, fname=94096135872440) at load.c:820
#84 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x5594708700a0, cc=, calling=, reg_cfp=0x7fc7bdc4e168, ec=0x55946da519c8) at vm_inshelper.c:1928
#85 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e168, calling=, ci=0x5594708700a0, cc=) at vm_inshelper.c:1944
#86 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e168, calling=, ci=, cc=) at vm_inshelper.c:2417
#87 0x000055946cf0e63e in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:797
#88 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#89 0x000055946cf035fc in invoke_block (captured=0x7fc7bdc4e490, opt_pc=, type=, cref=0x0, self=94096096426480, iseq=0x55946e49f0b8, ec=0x55946da519c8) at vm.c:1005
#90 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7fc7bdc4e490, self=94096096426480, argc=, argv=, passed_block_handler=0, cref=0x0, is_lambda=0) at vm.c:1057
#91 0x000055946cf04699 in invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1075
#92 vm_yield (argc=1, argv=0x7ffd6f6cb938, ec=) at vm.c:1120
#93 rb_yield_0 (argv=0x7ffd6f6cb938, argc=1) at vm_eval.c:980
#94 rb_yield_1 (val=94096130169040) at vm_eval.c:986
#95 rb_yield (val=) at vm_eval.c:996
#96 0x000055946cf2113d in rb_ary_each (ary=94096076222560) at array.c:1820
#97 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946ed0d090, cc=, calling=, reg_cfp=0x7fc7bdc4e478, ec=0x55946da519c8) at vm_inshelper.c:1928
#98 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e478, calling=, ci=0x55946ed0d090, cc=) at vm_inshelper.c:1944
#99 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#100 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#101 0x000055946cf035fc in invoke_block (captured=0x7fc7bdc4e500, opt_pc=, type=, cref=0x0, self=94096096426480, iseq=0x55946e49f298, ec=0x55946da519c8) at vm.c:1005
#102 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7fc7bdc4e500, self=94096096426480, argc=, argv=, passed_block_handler=0, cref=0x0, is_lambda=0) at vm.c:1057
#103 0x000055946cf04699 in invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1075
#104 vm_yield (argc=1, argv=0x7ffd6f6cbdf8, ec=) at vm.c:1120
#105 rb_yield_0 (argv=0x7ffd6f6cbdf8, argc=1) at vm_eval.c:980
#106 rb_yield_1 (val=94096095502480) at vm_eval.c:986
#107 rb_yield (val=) at vm_eval.c:996
#108 0x000055946cf2113d in rb_ary_each (ary=94096095328480) at array.c:1820
#109 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e8552a0, cc=, calling=, reg_cfp=0x7fc7bdc4e4e8, ec=0x55946da519c8) at vm_inshelper.c:1928
#110 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e4e8, calling=, ci=0x55946e8552a0, cc=) at vm_inshelper.c:1944
#111 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#112 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#113 0x000055946cf06767 in vm_call0_body (ec=ec@entry=0x55946da519c8, calling=calling@entry=0x7ffd6f6cc2d0, ci=ci@entry=0x7ffd6f6cc2c0,

cc=cc@entry=0x7ffd6f6cc2f0, argv=argv@entry=0x7ffd6f6cc390) at vm_eval.c:129
#114 0x000055946cf074b2 in vm_call0 (me=, argv=0x7ffd6f6cc390, argc=0, id=135807, recv=94096096186440, ec=0x55946da519c8) at vm_eval.c:60
#115 rb_call0 (ec=0x55946da519c8, recv=94096096186440, mid=135807, argc=, argv=argv@entry=0x8, scope=scope@entry=CALL_PUBLIC, self=94095993048320) at vm_eval.c:302
#116 0x000055946cf0a31a in rb_call (scope=CALL_PUBLIC, argv=0x8, argc=, mid=, recv=) at vm_eval.c:595
#117 rb_funcall_with_block (recv=, mid=, argc=argc@entry=0, argv=argv@entry=0x7ffd6f6cc390, passed_procval=passed_procval@entry=8) at vm_eval.c:857
#118 0x000055946ceb319c in rb_sym_proc_call (mid=, argc=argc@entry=1, argv=argv@entry=0x7ffd6f6cc388, passed_proc=passed_proc@entry=8) at string.c:10480
#119 0x000055946cf0477c in vm_yield_with_symbol (block_handler=0, argv=0x7ffd6f6cc388, argc=1, symbol=, ec=) at vm_inshelper.c:2573
#120 invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1084
#121 vm_yield (argc=1, argv=0x7ffd6f6cc388, ec=) at vm.c:1120
#122 rb_yield_0 (argv=0x7ffd6f6cc388, argc=1) at vm_eval.c:980
#123 rb_yield_1 (val=94096096186440) at vm_eval.c:986
#124 rb_yield (val=) at vm_eval.c:996
#125 0x000055946cf2113d in rb_ary_each (ary=94095993048320) at array.c:1820
#126 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x5594744d8280, cc=, calling=, reg_cfp=0x7fc7bdc4e590, ec=0x55946da519c8) at vm_inshelper.c:1928
#127 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e590, calling=, ci=0x5594744d8280, cc=) at vm_inshelper.c:1944
#128 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e590, calling=, ci=, cc=) at vm_inshelper.c:2417
#129 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#130 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#131 0x000055946cf035fc in invoke_block (captured=0x7ffd6f6cc8e0, opt_pc=, type=, cref=0x559474604128, self=94096096426480, iseq=0x5594745027e8, ec=0x55946da519c8) at vm.c:1005
#132 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7ffd6f6cc8e0, self=94096096426480, argc=, argv=, passed_block_handler=0, cref=0x559474604128, is_lambda=0) at vm.c:1057
#133 0x000055946cf04520 in invoke_block_from_c_bh (ec=ec@entry=0x55946da519c8, block_handler=, argc=argc@entry=1, argv=argv@entry=0x7fc7bdb4f7f8, cref=, is_lambda=, is_lambda@entry=0, force_blockarg=0, passed_block_handler=0) at vm.c:1075
#134 0x000055946cf04958 in vm_yield_with_cref (is_lambda=0, cref=, argv=0x7fc7bdb4f7f8, argc=1, ec=0x55946da519c8) at vm.c:1112
#135 yield_under (under=94096093646040, self=, argc=1, argv=0x7fc7bdb4f7f8) at vm_eval.c:1572
#136 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e5cd230, cc=, calling=, reg_cfp=0x7fc7bdc4e600, ec=0x55946da519c8) at vm_inshelper.c:1928
#137 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e600, calling=, ci=0x55946e5cd230, cc=) at vm_inshelper.c:1944
#138 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#139 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#140 0x000055946cf035fc in invoke_block (captured=0x5594744c4fb0, opt_pc=, type=, cref=0x0, self=94095990659320, iseq=0x55946e192aa0, ec=0x55946da519c8) at vm.c:1005
#141 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x5594744c4fb0, self=94095990659320, argc=, argv=, passed_block_handler=0, cref=0x0, is_lambda=0) at vm.c:1057
#142 0x000055946cf04699 in invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1075
#143 vm_yield (argc=1, argv=0x7ffd6f6ccdc8, ec=) at vm.c:1120
#144 rb_yield_0 (argv=0x7ffd6f6ccdc8, argc=1) at vm_eval.c:980
#145 rb_yield_1 (val=94096094867920) at vm_eval.c:986
#146 rb_yield (val=) at vm_eval.c:996
#147 0x000055946cf2113d in rb_ary_each (ary=94096094867160) at array.c:1820
#148 0x000055946cf06829 in vm_call0_cfunc_with_frame (ci=0x7ffd6f6cce00, cc=0x7ffd6f6cce70, argv=0x7fc7bdb4f6b8, calling=0x7ffd6f6cce50, ec=0x55946da519c8) at vm_eval.c:87
#149 vm_call0_cfunc (argv=0x7fc7bdb4f6b8, cc=0x7ffd6f6cce70, ci=0x7ffd6f6cce00, calling=0x7ffd6f6cce50, ec=0x55946da519c8) at vm_eval.c:102
#150 vm_call0_body (ec=0x55946da519c8, calling=calling@entry=0x7ffd6f6cce00, ci=ci@entry=0x7ffd6f6cceb0, cc=cc@entry=0x7ffd6f6cce00, argv=0x7fc7bdb4f6b8) at vm_eval.c:133
#151 0x000055946cf06c50 in vm_call0 (me=, argv=, argc=, id=, recv=, ec=) at vm_eval.c:60
#152 rb_vm_call (ec=, recv=, id=, argc=, argv=, me=) at vm_eval.c:209
#153 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946dba2780, cc=, calling=, reg_cfp=0x7fc7bdc4e7c0, ec=0x55946da519c8) at vm_inshelper.c:1928
#154 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e7c0, calling=, ci=0x55946dba2780, cc=) at vm_inshelper.c:1944
#155 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e7c0, calling=, ci=, cc=) at vm_inshelper.c:2417
#156 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#157 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#158 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946dfed3a8) at vm.c:2046
#159 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095988939080, wrap=wrap@entry=0) at load.c:611
#160 0x000055946cdd41f1 in rb_require_internal (fname=94095988939160, fname@entry=94095988939200, safe=0) at load.c:992
#161 0x000055946cdd4493 in rb_require_safe (safe=, fname=94095988939200) at load.c:1038
#162 rb_f_require (obj=, fname=94095988939200) at load.c:820
#163 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946dffa920, cc=, calling=, reg_cfp=0x7fc7bdc4e948, ec=0x55946da519c8) at vm_inshelper.c:1928
#164 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e948, calling=, ci=0x55946dffa920, cc=) at vm_inshelper.c:1944
#165 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e948, calling=, ci=, cc=) at vm_inshelper.c:2417
#166 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779

#167 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#168 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946dfce438) at vm.c:2046
#169 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095993039280, wrap=wrap@entry=0) at load.c:611
#170 0x000055946cdd41f1 in rb_require_internal (fname=fname@entry=94095993043840, safe=0) at load.c:992
#171 0x000055946cdd4493 in rb_require_safe (safe=, fname=94095993043840) at load.c:1038
#172 rb_f_require (obj=, fname=94095993043840) at load.c:820
#173 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946ea12160, cc=, calling=, reg_cfp=0x7fc7bdc4e9b8, ec=0x55946da519c8) at vm_inshelper.c:1928
#174 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4e9b8, calling=, ci=0x55946ea12160, cc=) at vm_inshelper.c:1944
#175 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4e9b8, calling=, ci=, cc=) at vm_inshelper.c:2417
#176 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#177 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#178 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946e3d7c48) at vm.c:2046
#179 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095988920840, wrap=) at load.c:611
#180 0x000055946cdd2850 in rb_load_internal (wrap=0, fname=94095988920840) at load.c:642
#181 rb_f_load (argc=, argv=) at load.c:710
#182 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e7c96e0, cc=, calling=, reg_cfp=0x7fc7bdc4ea28, ec=0x55946da519c8) at vm_inshelper.c:1928
#183 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4ea28, calling=, ci=0x55946e7c96e0, cc=) at vm_inshelper.c:1944
#184 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4ea28, calling=, ci=, cc=) at vm_inshelper.c:2417
#185 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#186 0x000055946cf02f4c in vm_exec (ec=ec@entry=0x55946da519c8) at vm.c:1804
#187 0x000055946cf035fc in invoke_block (captured=0x7fc7bdc4eae8, opt_pc=, type=, cref=0x0, self=9409598891400, iseq=0x55946e4dae10, ec=0x55946da519c8) at vm.c:1005
#188 invoke_iseq_block_from_c (ec=0x55946da519c8, captured=0x7fc7bdc4eae8, self=9409598891400, argc=, argv=, passed_block_handler=0, cref=0x0, is_lambda=0) at vm.c:1057
#189 0x000055946cf04699 in invoke_block_from_c_bh (argc=, passed_block_handler=, cref=, is_lambda=, force_blockarg=, argv=, block_handler=, ec=) at vm.c:1075
#190 vm_yield (argc=1, argv=0x7ffd6f6ce8e8, ec=) at vm.c:1120
#191 rb_yield_0 (argv=0x7ffd6f6ce8e8, argc=1) at vm_eval.c:980
#192 rb_yield_1 (val=94095988924840) at vm_eval.c:986
#193 rb_yield (val=) at vm_eval.c:996
#194 0x000055946cf2113d in rb_ary_each (ary=94095988920960) at array.c:1820
#195 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e421000, cc=, calling=, reg_cfp=0x7fc7bdc4ead0, ec=0x55946da519c8) at vm_inshelper.c:1928
#196 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4ead0, calling=, ci=0x55946e421000, cc=) at vm_inshelper.c:1944
#197 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4ead0, calling=, ci=, cc=) at vm_inshelper.c:2417
#198 0x000055946cf0cb05 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:716
#199 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#200 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946e35f2c0) at vm.c:2046
#201 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095992643280, wrap=) at load.c:611
#202 0x000055946cdd2850 in rb_load_internal (wrap=0, fname=94095992643280) at load.c:642
#203 rb_f_load (argc=, argv=) at load.c:710
#204 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e24bb20, cc=, calling=, reg_cfp=0x7fc7bdc4ec58, ec=0x55946da519c8) at vm_inshelper.c:1928
#205 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4ec58, calling=, ci=0x55946e24bb20, cc=) at vm_inshelper.c:1944
#206 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4ec58, calling=, ci=, cc=) at vm_inshelper.c:2417
#207 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#208 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#209 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946e3a7390) at vm.c:2046
#210 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095993616120, wrap=) at load.c:611
#211 0x000055946cdd2850 in rb_load_internal (wrap=0, fname=94095993616120) at load.c:642
#212 rb_f_load (argc=, argv=) at load.c:710
#213 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e6a00d0, cc=, calling=, reg_cfp=0x7fc7bdc4ecc8, ec=0x55946da519c8) at vm_inshelper.c:1928
#214 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4ecc8, calling=, ci=0x55946e6a00d0, cc=) at vm_inshelper.c:1944
#215 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4ecc8, calling=, ci=, cc=) at vm_inshelper.c:2417
#216 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779
#217 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#218 0x000055946cf118d1 in rb_iseq_eval (iseq=iseq@entry=0x55946e470100) at vm.c:2046
#219 0x000055946cdd2164 in rb_load_internal0 (ec=ec@entry=0x55946da519c8, fname=fname@entry=94095993672200, wrap=) at load.c:611
#220 0x000055946cdd2850 in rb_load_internal (wrap=0, fname=94095993672200) at load.c:642
#221 rb_f_load (argc=, argv=) at load.c:710
#222 0x000055946cefb61f in vm_call_cfunc_with_frame (ci=0x55946e3306a0, cc=, calling=, reg_cfp=0x7fc7bdc4efa0, ec=0x55946da519c8) at vm_inshelper.c:1928
#223 vm_call_cfunc (ec=0x55946da519c8, reg_cfp=0x7fc7bdc4efa0, calling=, ci=0x55946e3306a0, cc=) at vm_inshelper.c:1944
#224 0x000055946cf03ea3 in vm_call_method (ec=0x55946da519c8, cfp=0x7fc7bdc4efa0, calling=, ci=, cc=) at vm_inshelper.c:2417
#225 0x000055946cf0b5c2 in vm_exec_core (ec=ec@entry=0x55946da519c8, initial=initial@entry=0) at /tmp/ruby-build.20180216151216.13740/ruby-trunk/insns.def:779

#226 0x000055946cf02f4c in vm_exec (ec=0x55946da519c8) at vm.c:1804
#227 0x000055946cf119d5 in rb_iseq_eval_main (iseq=iseq@entry=0x55946e4bbba0) at vm.c:2057
#228 0x000055946cd83d54 in ruby_exec_internal (n=0x55946e4bbba0) at eval.c:247
#229 0x000055946cd87fd5 in ruby_exec_node (n=0x55946e4bbba0) at eval.c:311
#230 ruby_run_node (n=) at eval.c:303
#231 0x000055946cd831bf in main (argc=22, argv=0x7ffd6f6d0148) at ./main.c:42

History

#1 - 07/03/2008 12:19 PM - Tietew (Toru Iwase)

```
=begin
/etc/hosts
127.0.0.1 localhost.localdomain
=end
```

#2 - 07/03/2008 12:33 PM - Anonymous

```
=begin
net/smtp.rb

def SMTP.start(address, port = nil, helo = 'localhost.localdomain',

def start(helo = 'localhost.localdomain',

=end
```

#3 - 07/03/2008 12:57 PM - matz (Yukihiko Matsumoto)

- Status changed from Open to Closed
- % Done changed from 0 to 100

```
=begin
Applied in changeset r17839.
=end
```

#4 - 07/15/2008 12:15 AM - tommy (Masahiro Tomita)

```
=begin
RFC1912 RFC2821

SMTP HELO/EHLO FQDN

SMTP

=end
```

#5 - 07/15/2008 12:29 AM - shyouhei (Shyouhei Urabe)

- Status changed from Closed to Open
- Assignee set to matz (Yukihiko Matsumoto)
- % Done changed from 100 to 50

```
=begin
=end
```

#6 - 07/15/2008 12:42 AM - Anonymous

```
=begin
RFC2821 HELO/EHLO FQDN

localhost FQDN (localhost) RFC2821
4.1.3 SMTP
net/smtp.rb HELO/EHLO

localhost (localhost)

=end
```



```
=begin
HELO/EHLO Domain RFC1035 RFC2821

```

4.1.2 Command Argument Syntax

```
Domain = (sub-domain 1*("." sub-domain)) / address-literal
```

```
=end
```

#12 - 07/15/2008 08:38 AM - tommy (Masahiro Tomita)

```
=begin

```

On Tue, 15 Jul 2008 02:35:56 +0900

Yukihiro Matsumoto matz@ruby-lang.org wrote:

```
| (1.8.0?)
| 1.8.6, 1.8.7
|
```

```
|
|
|
```

FQDN IP...

```
SMTP (RFC2821)
localhost.localdomain
SMTP localhost
SMTP
```

```
()
(,)
```

--

tommy@tmtm.org

3469 42CC 4D32 F53C AD98 65A5 8C37 FF09 69C1 6040

```
=end
```

#13 - 07/15/2008 09:16 AM - matz (Yukihiro Matsumoto)

```
=begin

```

In message "Re: [ruby-dev:35502] Re: [Ruby 1.8 - Bug #221] Net::SMTP SMTP HELO/EHLO" on Tue, 15 Jul 2008 08:34:09 +0900, tommy@tmtm.org writes:

```
| SMTP (RFC2821)
| localhost.localdomain
| SMTP localhost
| SMTP
```

```
Anonymous (ruby-dev:35493)
[ruby-dev:35501] localhost
SMTP
SMTP
```

```
|
| (,)
```

```
localhost RFC2821

```

```
SMTP
localhost
```


1.8.6, 1.8.7

--
tommy@tmtm.org
3469 42CC 4D32 F53C AD98 65A5 8C37 FF09 69C1 6040

=end

#22 - 07/16/2008 10:31 AM - Anonymous

=begin
[redacted]

- HELO localhost RFC2821 [redacted]

RFC2606 localhost Internet-Draft
RFC2821 [redacted]

[redacted]

- HELO localhost MTA [redacted]

HELO localhost SMTP
SMTP [redacted]

net/smtp.rb
net/smtp.rb localhost
[redacted]

- HELO localhost.localdomain HELO localhost [redacted]

HELO localhost.localdomain HELO localhost
[redacted]

SMTP SMTP
localhost.localdomain [redacted]

- Ruby 1.8.6, 1.8.7 [redacted]

(gcc -pedantic) SMTP
localhost.localdomain [redacted]

=end

#23 - 07/16/2008 10:56 AM - ueda (Hiroyuki UEDA)

=begin
localhost localhost.localdomain [redacted]
[127.0.0.1] IP [redacted]
#note-6 [redacted]

postfix reject_unknown_hostname
HELO localhost.localdomain [redacted]

[127.0.0.1] RFC MTA
[redacted]
=end

#24 - 07/18/2008 11:38 AM - tommy (Masahiro Tomita)

=begin
[redacted]

On Fri, 18 Jul 2008 02:30:21 +0900
Yukihiro Matsumoto matz@ruby-lang.org wrote:

```
|1.8.6|1.8.7|revert|
```

```
|
```

```
1.8|
```

- localhost|
- 127.0.0.1|SMTP|

```
|
```

- SMTP|IP|

```
# |
```

```
Index: lib/net/smtp.rb
```

```
--- lib/net/smtp.rb (| 18120)
```

```
+++ lib/net/smtp.rb (|)
```

```
@@ -437,7 +437,7 @@
```

```
# +port+ is the port to connect to; it defaults to port 25.
```

```
#
```

```
# +helo+ is the HELOdomain provided by the client to the
```

- # server (see overview comments); it defaults to 'localhost'.
- # server (see overview comments); it defaults to the hostname of client. # # The remaining arguments are used for SMTP authentication, if required # or desired. +user+ is the account name; +secret+ is your password @@ -457,7 +457,7 @@ # * IOError # * TimeoutError #
- def SMTP.start(address, port = nil, helo = 'localhost',
- def SMTP.start(address, port = nil, helo = nil, user = nil, secret = nil, authtype = nil, &block) # :yield: smtp new(address, port).start(helo, user, secret, authtype, &block) @@ -518,7 +518,7 @@ # * IOError # * TimeoutError #
- def start(helo = 'localhost',
- def start(helo = nil, user = nil, secret = nil, authtype = nil) # :yield: smtp if block_given? begin @@ -552,6 +552,10 @@ logging "Connection opened: #{@address}:#{@port}" @socket = new_internet_message_io(tls? ? tlsconnect(s) : s) check_response critical { recv_response() }
- unless helo_domain
- addrinfo = s.addr
- helo_domain = addrinfo[2] == addrinfo[3] ? "[#{addrinfo[3]}]" : addrinfo[2]
- end do_helo helo_domain if starttls_always? or (capable_starttls? and starttls_auto?) unless capable_starttls?

```
--
```

```
| tommy@tmtm.org
```

```
3469 42CC 4D32 F53C AD98 65A5 8C37 FF09 69C1 6040
```

```
=end
```

#25 - 07/18/2008 11:39 AM - matz (Yukihiko Matsumoto)

```
=begin  
|
```

In message "Re: [ruby-dev:35567] Re: [Ruby 1.8 - Bug #221] Net::SMTP|SMTP|HELO/EHLO|" on Thu, 17 Jul 2008 21:59:32 +0900, Urabe Shyouhei shyouhei@ruby-lang.org writes:

```
|1.8.6|1.8.7|revert|
```

```
|
```

```
1.8|
```

- localhost|
- 127.0.0.1|SMTP|

```
=end
```

#26 - 07/18/2008 11:40 AM - shyouhei (Shyouhei Urabe)

```
=begin  
|
```

```
|
```

```
|1.8.6, 1.8.7 |
```


Akinori MUSHA / <http://akinori.org/>

--pgp-sign-Multipart_Fri_Jul_18_16:08:00_2008-1
Content-Type: application/pgp-signature
Content-Transfer-Encoding: 7bit

-----BEGIN PGP SIGNATURE-----
Version: GnuPG v1.4.9 (FreeBSD)

iEYEABECAAYFAkiAQVAACgkQkgvvx5/Z4e4nWACgkoZQTm0ZZHXnuVflwS3+SxI
yBkAnjlt5YsWTGEoOTgyj+LBxC6HODn8
=X82S
-----END PGP SIGNATURE-----

--pgp-sign-Multipart_Fri_Jul_18_16:08:00_2008-1--

=end

#30 - 07/18/2008 04:16 PM - Anonymous

=begin
00000000

Fri, 18 Jul 2008 16:02:57 +0900 00000000
"Akinori MUSHA" knu@iDaemons.org 00000000 :
(snip)

- 127.0.0.10000SMTP0000000000

000IPv40000 [127.0.0.1], IPv6000 [::1] 00000000
00000000000000000000000000000000

00000000 Becky! 00000000Windows 0 MUA 00 HELO/EHLO 00
IP 0000(IPv4)000000000000000000000000

000000000000 <http://www.netforest.ad.jp/>
Dr.WEB/Vade Retro 000000 00 ueda@netforest.ad.jp
tel:045-663-6277 fax:045-663-6278

=end

#31 - 07/18/2008 04:47 PM - usa (Usaku NAKAMURA)

=begin
0000000000(0)000

In message "[ruby-dev:35571] Re: [Ruby 1.8 - Bug #221] Net::SMTPSMTPHELO/EHLO000000000000000000"
on Jul.18,2008 02:30:21, matz@ruby-lang.org wrote:

1.800000000000000000000000

- localhost0000000000000000000000
- 127.0.0.10000SMTP0000000000

[127.0.0.1] 00000000
000[ruby-dev:35530]UEDA000000000000000000

000000
--
U.Nakamura usa@garbagecollect.jp

=end

#32 - 09/14/2010 05:03 PM - shyouhei (Shyouhei Urabe)

- Status changed from Open to Closed
- ruby -v set to -

=begin

=end