

Ruby trunk - Bug #161

Profile library seems broken in 1.9 15427cat t.rv

06/16/2008 08:13 AM - pragdave (Dave Thomas)

Status: Closed	
Priority: Normal	
Assignee: ko1 (Koichi Sasada)	
Target version:	
ruby -v:	Backport:
Description	
<pre>=begin dave[RUBY3/Book 18:11:11*] cat t.rb require 'profile' def ackerman(m, n) if m == 0 then n+1 elsif n == 0 and m > 0 then ackerman(m-1, 1) else ackerman(m-1, ackerman(m, n-1)) end end ackerman(3, 3)</pre>	
With 1.8:	
<pre>dave[RUBY3/Book 18:11:36*] /usr/bin/ruby -v t.rb ruby 1.8.6 (2007-09-24 patchlevel 111) [universal-darwin9.0] % cumulative self self total time seconds seconds calls ms/call ms/call name 72.97 0.27 0.27 2432 0.11 4.65 Object#ackerman 13.51 0.32 0.05 3676 0.01 0.01 Fixnum#== 10.81 0.36 0.04 2431 0.02 0.02 Fixnum#- 2.70 0.37 0.01 1188 0.01 0.01 Fixnum#+ 0.00 0.37 0.00 1 0.00 0.00 Module#method_added 0.00 0.37 0.00 57 0.00 0.00 Fixnum#> 0.00 0.37 0.00 1 0.00 370.00 #toplevel</pre>	
With 1.9:	
<pre>dave[RUBY3/Book 18:11:40*] ruby -v t.rb ruby 1.9.0 (2008-06-16 revision 15427) [i686-darwin9.3.0] % cumulative self self total time seconds seconds calls ms/call ms/call name 0.00 0.00 0.00 1 0.00 0.00 Module#method_added 0.00 0.01 0.00 1 0.00 10.00 #toplevel =end</pre>	

Associated revisions

Revision 3c3e6591 - 08/20/2012 08:52 PM - JEG2 (James Gray)

- lib/csv.rb: Fixes #161 on github
- lib/csv.rb: You can now specify a pattern for :skip_lines. Matching lines will not be passed to the CSV parser.
- lib/csv.rb: Patch by Christian Schwartz.

git-svn-id: svn+ssh://ci.ruby-lang.org/ruby/trunk@36743 b2dd03c8-39d4-4d8f-98ff-823fe69b080e

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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
#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
#21 0x000055946cefcbfb 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_cfnc_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, argv=argv@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, argv=argv@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, argv=, 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=, argv=argv@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=, argv=argv@entry=1, argv=argv@entry=0x7ffd6f6ca108) at vm_eval.c:1572
#44 0x000055946cf04b12 in rb_mod_module_exec (argv=argv@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, argv=argv@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, argv=argv@entry=0, argv=argv@entry=0x7fc7bdb4fc98) at vm_eval.c:825
#53 0x000055946cd89673 in rb_obj_call_init (obj=obj@entry=94096135960920, argv=argv@entry=0, argv=argv@entry=0x7fc7bdb4fc98) at eval.c:1590
#54 0x000055946ce048a1 in rb_class_s_new (argv=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, argv=, 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=, argv=, argv=, passed_block_handler=, is_lambda=) at vm.c:1150
#62 0x000055946cf03811 in vm_invoke_bmethod (block_handler=, argv=, argv=, arg=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, argv=argv@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=, argv=argv@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=0x7fc7bdc4f7f8, 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=0x7fc7bdc4f7f8, argc=1, ec=0x55946da519c8) at vm.c:1112
#135 yield_under (under=94096093646040, self=, argc=1, argv=0x7fc7bdc4f7f8) 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=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_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 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

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 lll_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=class@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=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 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=0x55946f15bcb0, 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 0x000055946cfb61f 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_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=0x7ffd6f6ccce0, ci=ci@entry=0x7ffd6f6ccbe0, 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 0x000055946cfb61f 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 0x000055946cfb61f 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 0x000055946cfb61f 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 0x000055946cfb61f 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=0x7fd6f6ce8e8, ec=) at vm.c:1120
#191 rb_yield_0 (argv=0x7fd6f6ce8e8, 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 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=0x7fd6f6d0148) 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 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 0x000055946cefcbab 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=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 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=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=0x5594711f1b548) 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_procv=passed_procv@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=0x7ffd6f6cce00, 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=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 0x000055946cef6b1f 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 0x000055946cef6b1f 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 0x000055946cef6b1f 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 0x000055946cef6b1f 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 0x000055946cef6b1f 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 0x000055946cef6b1f 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

History

#1 - 06/16/2008 08:16 AM - pragdave (Dave Thomas)

=begin

I don't know if this is related, but if you add a @puts@, you get a different error...

```
dave[RUBY3/Book 18:13:48*] cat /tmp/prog.rb
require 'profile'
puts "\footnotesize" # <<< added this line
def ackerman(m, n)
  if m == 0
    n+1
  elsif n == 0 and m > 0
    ackerman(m-1, 1)
  else
    ackerman(m-1, ackerman(m, n-1))
  end
end
ackerman(3, 3)
dave[RUBY3/Book 18:14:03*] ruby /tmp/prog.rb
% cumulative self      self total
time seconds seconds  calls ms/call ms/call name
0.00  0.01  0.00    1  0.00  10.00 #toplevel
/tmp/prog.rb:2:in puts': Can't create Binding Object on top of Fiber. (RuntimeError)
from /tmp/prog.rb:2:in puts'
from /tmp/prog.rb:2:in ``

=end
```

#2 - 06/16/2008 10:25 AM - ko1 (Koichi Sasada)

=begin

This is a limitation (incompatible feature) on 1.9.

Workaround is to re-defining operators:

```
class Fixnum
  alias orig_plus +
  def +(o)
    orig_plus(o)
  end
end
```

Dave Thomas wrote:

Issue [#161](#) has been reported by Dave Thomas.

Bug [#161](#): Profile library seems broken in 1.9 15427cat t.rv
<http://redmine.ruby-lang.org/issues/show/161>

Author: Dave Thomas
Status: Open
Priority: Normal
Assigned to:
Category:
Target version:

```
dave[RUBY3/Book 18:11:11*] cat t.rb
require 'profile'
def ackerman(m, n)
  if m == 0 then n+1
  elsif n == 0 and m > 0 then ackerman(m-1, 1)
  else ackerman(m-1, ackerman(m, n-1))
  end
end
ackerman(3, 3)
```

With 1.8:

```
dave[RUBY3/Book 18:11:36*] /usr/bin/ruby -v t.rb
ruby 1.8.6 (2007-09-24 patchlevel 111) [universal-darwin9.0]
% cumulative self      self total
time seconds seconds  calls ms/call ms/call name
72.97  0.27  0.27  2432  0.11  4.65 Object#ackerman
```

```
13.51 0.32 0.05 3676 0.01 0.01 Fixnum#==
10.81 0.36 0.04 2431 0.02 0.02 Fixnum#-
2.70 0.37 0.01 1188 0.01 0.01 Fixnum#+
0.00 0.37 0.00 1 0.00 0.00 Module#method_added
0.00 0.37 0.00 57 0.00 0.00 Fixnum#>
0.00 0.37 0.00 1 0.00 370.00 #toplevel
```

With 1.9:

```
dave[RUBY3/Book 18:11:40*] ruby -v t.rb
```

```
ruby 1.9.0 (2008-06-16 revision 15427) [i686-darwin9.3.0]
% cumulative self      self total
time seconds seconds  calls ms/call ms/call name
0.00 0.00 0.00 1 0.00 0.00 Module#method_added
0.00 0.01 0.00 1 0.00 10.00 #toplevel
```

You have received this notification because you have either subscribed to it, or are involved in it.
To change your notification preferences, please click here: <http://redmine.ruby-lang.org/my/account>

```
--
// SASADA Koichi at atdot dot net

=end
```

#3 - 06/16/2008 11:51 AM - pragdave (Dave Thomas)

```
=begin
Should I document this as a workaround when I talk about profiling, or will it be fixed before 1.9 goes final?

Dave
=end
```

#4 - 06/16/2008 12:29 PM - ko1 (Koichi Sasada)

```
=begin
Hi,

Dave Thomas wrote:
```

Should I document this as a workaround when I talk about profiling, or will it be fixed before 1.9 goes final?

This is "1.9" feaure. At least, Matz accept it.
I'm not sure that it should be written.

```
--
// SASADA Koichi at atdot dot net

=end
```

#5 - 06/16/2008 01:08 PM - pragdave (Dave Thomas)

```
=begin
[Dave Thomas wrote:] Should I document this as a workaround when I talk about profiling, or will it be fixed before 1.9 goes final?

[SASADA Koichi wrote:] This is "1.9" feaure. At least, Matz accept it. I'm not sure that it should be written.
```

But the profile library is distributed with 1.9, and it doesn't work because of this change. I think that counts as a bug, not a feature. If it isn't a bug in the interpreter, then surely the library has to be adapted to work or removed from the standard distribution.

```
=end
```

#6 - 06/16/2008 01:21 PM - ko1 (Koichi Sasada)

```
=begin
Hi,

Dave Thomas wrote:
```

But the profile library is distributed with 1.9, and it doesn't work because of this change. I think that counts as a bug, not a feature. If it isn't a bug in the interpreter, then surely the library has to be adapted to work or removed from the standard distribution.

I have misunderstood. I thought your point is "Fixnum#+ is not appeared". But your point is "There isn't Object#ackerman on a profile result", isn't it?

Former is a feature. Latter is a bug.

--
// SASADA Koichi at atdot dot net

=end

#7 - 07/09/2008 12:43 PM - ko1 (Koichi Sasada)

- Assignee set to ko1 (Koichi Sasada)

=begin

=end

#8 - 07/23/2008 08:39 AM - rogerdpack (Roger Pack)

=begin
ruby-prof seems to at least somewhat work.

~/dev/ruby_1_9_svn ruby-prof go.rb
Thread ID: 214780
Total: 0.058815

%self	total	self	wait	child	calls	name
12.782	0.008	0.008	0.000	0.000	3676	Fixnum#==
8.449	0.005	0.005	0.000	0.000	2431	Fixnum#-
4.133	0.002	0.002	0.000	0.000	1188	Fixnum#+
1.872	0.037	0.001	0.000	0.036	61	Object#ackerman-22
1.865	0.043	0.001	0.000	0.042	61	Object#ackerman-18
1.863	0.030	0.001	0.000	0.029	61	Object#ackerman-27

...

=end

#9 - 09/12/2008 10:21 PM - ko1 (Koichi Sasada)

- Status changed from Open to Closed

=begin

=end