```
 1   "${OUTPUT_PATH}" -cp "/home/zbhuang/OpenJDK/javaapps/" -XX:+UnlockDiagnosticVMOptions -XX:+PrintStubCode Hello
 2
 3   "${OUTPUT_PATH}" -cp "/home/zbhuang/OpenJDK/javaapps/" Hello
 4
 5   StubGenerator::generate_call_stub (this=0x7ffff5ad8980, return address=@0x7ffff73aa680: 0x0) at
     /home/zbhuang/OpenJDK/jdk8u/hotspot/src/cpu/x86/vm/stubGenerator_x86_64.cpp:221
 6   StubGenerator::generate_initial (this=0x7ffff5ad8980) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/cpu/x86/vm/stubGenerator_x86_64.cpp:4047
 7   StubGenerator::StubGenerator (this=0x7ffff5ad8980, code=0x7ffff5ad8a30, all=false) at
     /home/zbhuang/OpenJDK/jdk8u/hotspot/src/cpu/x86/vm/stubGenerator_x86_64.cpp:4172
 8   StubGenerator_generate (code=0x7ffff5ad8a30, all=false) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/cpu/x86/vm/stubGenerator_x86_64.cpp:4178
 9   StubRoutines::initialize1 () at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/stubRoutines.cpp:176
10   stubRoutines_init1 () at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/stubRoutines.cpp:316
11   init_globals () at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/init.cpp:103
12   Threads::create_vm (args=0x7ffff5ad8e80, canTryAgain=0x7ffff5ad8e03) at
     /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/thread.cpp:3434
13   JNI_CreateJavaVM (vm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, args=0x7ffff5ad8e80) at
     /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/prims/jni.cpp:5229
14   InitializeJVM (pvm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, ifn=0x7ffff5ad8f30) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:1240
15   JavaMain (_args=0x7fffffffadf0) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:376
16   start_thread (arg=0x7ffff5ad9700) at /build/glibc-Cl5G7W/glibc-2.23/nptl/pthread_create.c:333
17   clone () at /build/glibc-Cl5G7W/glibc-2.23/misc/../sysdeps/unix/sysv/linux/x86_64/clone.S:109
18
19   Parameter value - kind=
20   AbstractInterpreter::zerolocals
21   AbstractInterpreter::zerolocals_synchronized
22   AbstractInterpreter::empty
23   AbstractInterpreter::accessor
24   AbstractInterpreter::abstract
25   AbstractInterpreter::java_lang_math_sin
26   AbstractInterpreter::java_lang_math_cos
27   AbstractInterpreter::java_lang_math_tan
28   AbstractInterpreter::java_lang_math_abs
29   AbstractInterpreter::java_lang_math_sqrt
30   AbstractInterpreter::java_lang_math_log
31   AbstractInterpreter::java_lang_math_log10
32   AbstractInterpreter::java_lang_math_exp
33   AbstractInterpreter::java_lang_math_pow
34   AbstractInterpreter::java_lang_ref_reference_get
35   AbstractInterpreter::java_util_zip_CRC32_update
36   AbstractInterpreter::java_util_zip_CRC32_updateBytes
37   AbstractInterpreter::native
38   AbstractInterpreter::native_synchronized
39
40   InterpreterGenerator::generate_normal_entry (this=0x7ffff5ad8b40, synchronized=false) at
     /home/zbhuang/OpenJDK/jdk8u/hotspot/src/cpu/x86/vm/templateInterpreter_x86_64.cpp:1412
41   AbstractInterpreterGenerator::generate_method_entry (this=0x7ffff5ad8b40, kind=AbstractInterpreter::zerolocals) at
     /home/zbhuang/OpenJDK/jdk8u/hotspot/src/cpu/x86/vm/templateInterpreter_x86_64.cpp:1667
42   TemplateInterpreterGenerator::generate_all (this=0x7ffff5ad8b40) at
     /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/interpreter/templateInterpreter.cpp:382
43   InterpreterGenerator::InterpreterGenerator (this=0x7ffff5ad8b40, code=0x7ffff00312c0) at
     /home/zbhuang/OpenJDK/jdk8u/hotspot/src/cpu/x86/vm/templateInterpreter_x86_64.cpp:1977
44   TemplateInterpreter::initialize () at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/interpreter/templateInterpreter.cpp:52
45   interpreter_init () at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/interpreter/interpreter.cpp:118
46   init_globals () at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/init.cpp:109
47   Threads::create_vm (args=0x7ffff5ad8e80, canTryAgain=0x7ffff5ad8e03) at
     /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/thread.cpp:3434
48   JNI_CreateJavaVM (vm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, args=0x7ffff5ad8e80) at
     /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/prims/jni.cpp:5229
49   InitializeJVM (pvm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, ifn=0x7ffff5ad8f30) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:1240
50   JavaMain (_args=0x7fffffffadf0) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:376
51   start_thread (arg=0x7ffff5ad9700) at /build/glibc-Cl5G7W/glibc-2.23/nptl/pthread_create.c:333
52   clone () at /build/glibc-Cl5G7W/glibc-2.23/misc/../sysdeps/unix/sysv/linux/x86_64/clone.S:109
53
54   Method::link_method (this=0x7fffd3800580, h_method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for
     methodHandle+16>}, <No data fields>}, _value = 0x7fffd3800580, _thread = 0x7ffff000d800}, __the_thread__=0x7ffff000d800) at
     /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/method.cpp:902
55   InstanceKlass::link_methods (this=0x100000f30, __the_thread__=0x7ffff000d800) at
     /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:786
56   InstanceKlass::link_class_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for
     instanceKlassHandle+16>}, <No data fields>}, _value = 0x100000f30}, <No data fields>}, throw_verifyerror=false,
     __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:727
57   InstanceKlass::link_class_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for
     instanceKlassHandle+16>}, <No data fields>}, _value = 0x100002870}, <No data fields>}, throw_verifyerror=false,
     __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:654
58   InstanceKlass::link_class_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for
     instanceKlassHandle+16>}, <No data fields>}, _value = 0x100002b00}, <No data fields>}, throw_verifyerror=false,
     __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:654
59   InstanceKlass::link_class_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for
     instanceKlassHandle+16>}, <No data fields>}, _value = 0x100004f38}, <No data fields>}, throw_verifyerror=false,
     __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:654
60   InstanceKlass::link_class_or_fail (this=0x100004f38, __the_thread__=0x7ffff000d800) at
     /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:612
61   universe_post_init () at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/memory/universe.cpp:1068
62   init_globals () at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/init.cpp:130
63   Threads::create_vm (args=0x7ffff5ad8e80, canTryAgain=0x7ffff5ad8e03) at
     /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/thread.cpp:3434
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64    JNI_CreateJavaVM (vm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, args=0x7ffff5ad8e80) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/prims/jni.cpp:5229
65    InitializeJVM (pvm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, ifn=0x7ffff5ad8f30) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:1240
66    JavaMain (_args=0x7fffffffadf0) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:376
67    start_thread (arg=0x7ffff5ad9700) at /build/glibc-Cl5G7W/glibc-2.23/nptl/pthread_create.c:333
68    clone () at /build/glibc-Cl5G7W/glibc-2.23/misc/../sysdeps/unix/sysv/linux/x86_64/clone.S:109
69
70    JavaCalls::call_helper (result=0x7ffff5ad8690, m=0x7ffff5ad86c0, args=0x7ffff5ad86e0, __the_thread__=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/javaCalls.cpp:397
71    os::os_exception_wrapper (f=0x7ffff664ac74 <JavaCalls::call_helper(JavaValue*, methodHandle*, JavaCallArguments*, Thread*)>,
      value=0x7ffff5ad8690, method=0x7ffff5ad86c0, args=0x7ffff5ad86e0, thread=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/os/linux/vm/os_linux.cpp:5451
72    JavaCalls::call (result=0x7ffff5ad8690, method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for
      methodHandle+16>}, <No data fields>}, _value = 0x7fffd3800e40, _thread = 0x7ffff000d800}, args=0x7ffff5ad86e0, __the_thread__=0x7ffff000d800)
      at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/javaCalls.cpp:307
73    InstanceKlass::call_class_initializer_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438
      <vtable for instanceKlassHandle+16>}, <No data fields>}, _value = 0x100000f30, <No data fields>}, __the_thread__=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:1239
74    InstanceKlass::call_class_initializer (this=0x100000f30, __the_thread__=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:1207
75    InstanceKlass::initialize_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for
      instanceKlassHandle+16>}, <No data fields>}, _value = 0x100000f30}, <No data fields>}, __the_thread__=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:932
76    InstanceKlass::initialize (this=0x100000f30, __the_thread__=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:569
77    InstanceKlass::initialize_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for
      instanceKlassHandle+16>}, <No data fields>}, _value = 0x1000016d8}, <No data fields>}, __the_thread__=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:894
78    InstanceKlass::initialize (this=0x1000016d8, __the_thread__=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:569
79    initialize_class (class_name=0x7ffff4023130, __the_thread__=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/thread.cpp:993
80    Threads::create_vm (args=0x7ffff5ad8e80, canTryAgain=0x7ffff5ad8e03) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/thread.cpp:3504
81    JNI_CreateJavaVM (vm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, args=0x7ffff5ad8e80) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/prims/jni.cpp:5229
82    InitializeJVM (pvm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, ifn=0x7ffff5ad8f30) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:1240
83    JavaMain (_args=0x7fffffffadf0) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:376
84    start_thread (arg=0x7ffff5ad9700) at /build/glibc-Cl5G7W/glibc-2.23/nptl/pthread_create.c:333
85    clone () at /build/glibc-Cl5G7W/glibc-2.23/misc/../sysdeps/unix/sysv/linux/x86_64/clone.S:109
86
87    JavaCalls::call_helper (result=0x7ffff5ad6600, m=0x7ffff5ad6630, args=0x7ffff5ad6650, __the_thread__=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/javaCalls.cpp:397
88    os::os_exception_wrapper (f=0x7ffff664ac74 <JavaCalls::call_helper(JavaValue*, methodHandle*, JavaCallArguments*, Thread*)>,
      value=0x7ffff5ad6600, method=0x7ffff5ad6630, args=0x7ffff5ad6650, thread=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/os/linux/vm/os_linux.cpp:5451
89    JavaCalls::call (result=0x7ffff5ad6600, method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for
      methodHandle+16>}, <No data fields>}, _value = 0x7fffd3901110, _thread = 0x7ffff000d800}, args=0x7ffff5ad6650, __the_thread__=0x7ffff000d800)
      at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/javaCalls.cpp:307
90    InstanceKlass::call_class_initializer_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438
      <vtable for instanceKlassHandle+16>}, <No data fields>}, _value = 0x100018120}, <No data fields>}, __the_thread__=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:1239
91    InstanceKlass::call_class_initializer (this=0x100018120, __the_thread__=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:1207
92    InstanceKlass::initialize_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for
      instanceKlassHandle+16>}, <No data fields>}, _value = 0x100018120}, <No data fields>}, __the_thread__=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:932
93    InstanceKlass::initialize (this=0x100018120, __the_thread__=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:569
94    LinkResolver::resolve_static_call (result=@0x7ffff5ad6c10: {_resolved_klass = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj =
      0x7ffff72d9fd8 <vtable for KlassHandle+16>}, <No data fields>}, _value = 0x0}, _selected_klass = {<StackObj> = {<AllocatedObj> =
      {_vptr.AllocatedObj = 0x7ffff72d9fd8 <vtable for KlassHandle+16>}, <No data fields>}, _value = 0x0}, _resolved_method = {<StackObj> =
      {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandle+16>}, <No data fields>}, _value = 0x0, _thread = 0x0},
      _selected_method = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandle+16>}, <No data fields>},
      _value = 0x0, _thread = 0x0}, _call_kind = CallInfo::unknown_kind, _call_index = -3, _resolved_appendix = {_handle = 0x0},
      _resolved_method_type = {_handle = 0x0}}, resolved_klass=@0x7ffff5ad6a60: {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj =
      0x7ffff72d9fd8 <vtable for KlassHandle+16>}, <No data fields>}, _value = 0x100018120}, method_name=0x7ffff40364a0,
      method_signature=0x7ffff40364c0, current_klass={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d9fd8 <vtable for
      KlassHandle+16>}, <No data fields>}, _value = 0x100002870}, check_access=true, initialize_class=true, __the_thread__=0x7ffff000d800) at
      /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/interpreter/linkResolver.cpp:868
95    LinkResolver::resolve_invokestatic (result=@0x7ffff5ad6c10: {_resolved_klass = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj =
      0x7ffff72d9fd8 <vtable for KlassHandle+16>}, <No data fields>}, _value = 0x0}, _selected_klass = {<StackObj> = {<AllocatedObj> =
      {_vptr.AllocatedObj = 0x7ffff72d9fd8 <vtable for KlassHandle+16>}, <No data fields>}, _value = 0x0}, _resolved_method = {<StackObj> =
      {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandle+16>}, <No data fields>}, _value = 0x0, _thread = 0x0},
      _selected_method = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandle+16>}, <No data fields>},
      _value = 0x0, _thread = 0x0}, _call_kind = CallInfo::unknown_kind, _call_index = -3, _resolved_appendix = {_handle = 0x0},
      _resolved_method_type = {_handle = 0x0}}, pool={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72dbb38 <vtable for
      constantPoolHandle+16>}, <No data fields>}, _value = 0x7fffd38201b0, _thread = 0x7ffff000d800}, index=65603, __the_thread__=0x7ffff000d800)
      at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/interpreter/linkResolver.cpp:1532
96    LinkResolver::resolve_invoke (result=@0x7ffff5ad6c10: {_resolved_klass = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d9fd8
      <vtable for KlassHandle+16>}, <No data fields>}, _value = 0x0}, _selected_klass = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj =
      0x7ffff72d9fd8 <vtable for KlassHandle+16>}, <No data fields>}, _value = 0x0}, _resolved_method = {<StackObj> = {<AllocatedObj> =
      {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandle+16>}, <No data fields>}, _value = 0x0, _selected_method =
      {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandle+16>}, <No data fields>}, _value = 0x0, _thread
      = 0x0}, _call_kind = CallInfo::unknown_kind, _call_index = -3, _resolved_appendix = {_handle = 0x0}, _resolved_method_type = {_handle =
      0x0}}, recv={_handle = 0x0}, pool={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72dbb38 <vtable for constantPoolHandle+16>},
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       <No data fields>}, _value = 0x7fffd38201b0, _thread = 0x7ffff000d800}, index=65603, byte=Bytecodes::_invokestatic,
       __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/interpreter/linkResolver.cpp:1504
  97   InterpreterRuntime::resolve_invoke (thread=0x7ffff000d800, bytecode=Bytecodes::_invokestatic) at
       /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/interpreter/interpreterRuntime.cpp:717
  98   ?? () at null:
  99   ?? () at null:
 100   ?? () at null:
 101   ?? () at null:
 102   ?? () at null:
 103   ?? () at null:
 104   ?? () at null:
 105   ?? () at null:
 106
 107   JavaCalls::call_helper (result=0x7ffff5ad6d10, m=0x7ffff5ad6d40, args=0x7ffff5ad6d60, __the_thread__=0x7ffff000d800) at
       /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/javaCalls.cpp:397
 108   os::os_exception_wrapper (f=0x7ffff664ac74 <JavaCalls::call_helper(JavaValue*, methodHandle*, JavaCallArguments*, Thread*)>,
       value=0x7ffff5ad6d10, method=0x7ffff5ad6d40, args=0x7ffff5ad6d60, thread=0x7ffff000d800) at
       /home/zbhuang/OpenJDK/jdk8u/hotspot/src/os/linux/vm/os_linux.cpp:5451
 109   JavaCalls::call (result=0x7ffff5ad6d10, method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for
       methodHandle+16>}, <No data fields>}, _value = 0x7fffd38346f8, _thread = 0x7ffff000d800}, args=0x7ffff5ad6d60, __the_thread__=0x7ffff000d800)
       at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/javaCalls.cpp:307
 110   InstanceKlass::call_class_initializer_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438
       <vtable for instanceKlassHandle+16>}, <No data fields>}, _value = 0x100006838}, <No data fields>}, __the_thread__=0x7ffff000d800) at
       /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:1239
 111   InstanceKlass::call_class_initializer (this=0x100006838, __the_thread__=0x7ffff000d800) at
       /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:1207
 112   InstanceKlass::initialize_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for
       instanceKlassHandle+16>}, <No data fields>}, _value = 0x100006838}, <No data fields>}, __the_thread__=0x7ffff000d800) at
       /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:932
 113   InstanceKlass::initialize (this=0x100006838, __the_thread__=0x7ffff000d800) at
       /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKlass.cpp:569
 114   InterpreterRuntime::_new (thread=0x7ffff000d800, pool=0x7fffd3831b60, index=16) at
       /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/interpreter/interpreterRuntime.cpp:158
 115   ?? () at null:
 116   TemplateInterpreter::_active_table () at null:
 117   ?? () at null:
 118   ?? () at null:
 119   ?? () at null:
 120   ?? () at null:
 121   ?? () at null:
 122   ?? () at null:
 123
 124   SharedRuntime::generate_native_wrapper (masm=0x7ffff5ad5fd0, method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0
       <vtable for methodHandle+16>}, <No data fields>}, _value = 0x7fffd381ecb0, _thread = 0x7ffff000d800}, compile_id=2, in_sig_bt=0x7ffff000df70,
       in_regs=0x7ffff000df90, ret_type=T_VOID) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/cpu/x86/vm/sharedRuntime_x86_64.cpp:1758
 125   AdapterHandlerLibrary::create_native_wrapper (method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for
       methodHandle+16>}, <No data fields>}, _value = 0x7fffd381ecb0, _thread = 0x7ffff000d800}) at
       /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/sharedRuntime.cpp:2660
 126   CompileBroker::compile_method (method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandle+16>}, <No
       data fields>}, _value = 0x7fffd381ecb0, _thread = 0x7ffff000d800}, osr_bci=-1, comp_level=3, hot_method={<StackObj> = {<AllocatedObj> =
       {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandle+16>}, <No data fields>}, _value = 0x7fffd381ecb0, _thread = 0x7ffff000d800},
       hot_count=256, comment=0x7ffff6b1e12d \"tiered\", __the_thread__=0x7ffff000d800) at
       /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/compiler/compileBroker.cpp:1424
 127   AdvancedThresholdPolicy::submit_compile (this=0x7ffff0074dc0, mh={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable
       for methodHandle+16>}, <No data fields>}, _value = 0x7fffd381ecb0, _thread = 0x7ffff000d800}, bci=-1, level=CompLevel_full_profile,
       thread=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/advancedThresholdPolicy.cpp:456
 128   SimpleThresholdPolicy::compile (this=0x7ffff0074dc0, mh={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for
       methodHandle+16>}, <No data fields>}, _value = 0x7fffd381ecb0, _thread = 0x7ffff000d800}, bci=-1, level=CompLevel_full_profile,
       thread=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/simpleThresholdPolicy.cpp:247
 129   AdvancedThresholdPolicy::method_invocation_event (this=0x7ffff0074dc0, mh={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj =
       0x7ffff72d99f0 <vtable for methodHandle+16>}, <No data fields>}, _value = 0x7fffd381ecb0, _thread = 0x7ffff000d800}, imh={<StackObj> =
       {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandle+16>}, <No data fields>}, _value = 0x7fffd381ecb0, _thread =
       0x7ffff000d800}, level=CompLevel_none, nm=0x0, thread=0x7ffff000d800) at
       /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/advancedThresholdPolicy.cpp:468
 130   SimpleThresholdPolicy::event (this=0x7ffff0074dc0, method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for
       methodHandle+16>}, <No data fields>}, _value = 0x7fffd381ecb0, _thread = 0x7ffff000d800}, inlinee={<StackObj> = {<AllocatedObj> =
       {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandle+16>}, <No data fields>}, _value = 0x7fffd381ecb0, _thread = 0x7ffff000d800},
       branch_bci=-1, bci=-1, comp_level=CompLevel_none, nm=0x0, thread=0x7ffff000d800) at
       /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/simpleThresholdPolicy.cpp:210
 131   InterpreterRuntime::frequency_counter_overflow_inner (thread=0x7ffff000d800, branch_bcp=0x0) at
       /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/interpreter/interpreterRuntime.cpp:887
 132   InterpreterRuntime::frequency_counter_overflow (thread=0x7ffff000d800, branch_bcp=0x0) at
       /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/interpreter/interpreterRuntime.cpp:850
 133   ?? () at null:
 134   ?? () at null:
 135   ?? () at null:
 136   ?? () at null:
 137   ?? () at null:
 138   ?? () at null:
 139   ?? () at null:
 140   ?? () at null:
 141
 142
 143
```