

```
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
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/stubGe
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:343
13 JNI_CreateJavaVM (vm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, args=0x7ffff5ad8e80) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/prims/jni.cp
14 InitializeJVM (pvm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, ifn=0x7ffff5ad8f30) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:1240
15 JavaMain (_args=0x7ffff5ad8f00) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:376
16 start_thread (arg=0x7ffff5ad9700) at /build/glibc-C15G7W/glibc-2.23/nptl/pthread_create.c:333
17 clone () at /build/glibc-C15G7W/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/ten
41 AbstractInterpreterGenerator::generate_method_entry (this=0x7ffff5ad8b40, kind=AbstractInterpreter::zerolocals) at /home/zbhuang/OpenJDK/jdk8u/
42 TemplateInterpreterGenerator::generate_all (this=0x7ffff5ad8b40) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/interpreter/templateInterp
43 InterpreterGenerator::InterpreterGenerator (this=0x7ffff5ad8b40, code=0x7ffff00312c0) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/cpu/x86/vm/ten
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:343
48 JNI_CreateJavaVM (vm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, args=0x7ffff5ad8e80) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/prims/jni.cp
49 InitializeJVM (pvm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, ifn=0x7ffff5ad8f30) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:1240
50 JavaMain (_args=0x7ffff5ad8f00) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:376
51 start_thread (arg=0x7ffff5ad9700) at /build/glibc-C15G7W/glibc-2.23/nptl/pthread_create.c:333
52 clone () at /build/glibc-C15G7W/glibc-2.23/misc/./sysdeps/unix/sysv/linux/x86_64/clone.S:109
53
54 Method::link_method (this=0x7ffffd3800580, h_method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandl
55 InstanceKlass::link_methods (this=0x100000f30, __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instance
56 InstanceKlass::link_class_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for inst
57 InstanceKlass::link_class_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for inst
58 InstanceKlass::link_class_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for inst
59 InstanceKlass::link_class_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for inst
60 InstanceKlass::link_class_or_fail (this=0x100000f38, __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/ir
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:343
64 JNI_CreateJavaVM (vm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, args=0x7ffff5ad8e80) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/prims/jni.cp
65 InitializeJVM (pvm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, ifn=0x7ffff5ad8f30) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:1240
66 JavaMain (_args=0x7ffff5ad8f00) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:376
67 start_thread (arg=0x7ffff5ad9700) at /build/glibc-C15G7W/glibc-2.23/nptl/pthread_create.c:333
68 clone () at /build/glibc-C15G7W/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/j
71 os::os_exception_wrapper (f=0x7ffff664ac74 <JavaCalls::call_helper(JavaValue*, methodHandle*, JavaCallArguments*, Thread*)>, value=0x7ffff5ad86
72 JavaCalls::call (result=0x7ffff5ad8690, method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandle+16
73 InstanceKlass::call_class_initializer_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vta
74 InstanceKlass::call_class_initializer (this=0x100000f30, __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oo
75 InstanceKlass::initialize_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for inst
76 InstanceKlass::initialize (this=0x100000f30, __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKl
77 InstanceKlass::initialize_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for inst
78 InstanceKlass::initialize (this=0x1000016d8, __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKl
79 initialize_class (class_name=0x7ffff4023130, __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/thread.
80 Threads::create_vm (args=0x7ffff5ad8e80, canTryAgain=0x7ffff5ad8e03) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/runtime/thread.cpp:356
81 JNI_CreateJavaVM (vm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, args=0x7ffff5ad8e80) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/prims/jni.cp
82 InitializeJVM (pvm=0x7ffff5ad8ed8, penv=0x7ffff5ad8ee0, ifn=0x7ffff5ad8f30) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:1240
83 JavaMain (_args=0x7ffff5ad8f00) at /home/zbhuang/OpenJDK/jdk8u/jdk/src/share/bin/java.c:376
84 start_thread (arg=0x7ffff5ad9700) at /build/glibc-C15G7W/glibc-2.23/nptl/pthread_create.c:333
85 clone () at /build/glibc-C15G7W/glibc-2.23/misc/./sysdeps/unix/sysv/linux/x86_64/clone.S:109
86
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87 JavaCalls::call_helper (result=0x7ffff5ad6600, m=0x7ffff5ad6630, args=0x7ffff5ad6650, __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/j
88 os::os_exception_wrapper (f=0x7ffff664ac74 <JavaCalls::call_helper(JavaValue*, methodHandle*, JavaCallArguments*, Thread*)>, value=0x7ffff5ad66
89 JavaCalls::call (result=0x7ffff5ad6600, method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandle+16
90 InstanceKlass::call_class_initializer_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vta
91 InstanceKlass::call_class_initializer (this=0x100018120, __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oo
92 InstanceKlass::initialize_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for inst
93 InstanceKlass::initialize (this=0x100018120, __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKl
94 LinkResolver::resolve_static_call (result=@0x7ffff5ad6c10: {_resolved_klass = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d9
95 LinkResolver::resolve_invokestatic (result=@0x7ffff5ad6c10: {_resolved_klass = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72c
96 LinkResolver::resolve_invoke (result=@0x7ffff5ad6c10: {_resolved_klass = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d9fd8 <
97 InterpreterRuntime::resolve_invoke (thread=0x7ffff000d800, bytecode=Bytecodes::_invokestatic) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/
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/j
108 os::os_exception_wrapper (f=0x7ffff664ac74 <JavaCalls::call_helper(JavaValue*, methodHandle*, JavaCallArguments*, Thread*)>, value=0x7ffff5ad6c
109 JavaCalls::call (result=0x7ffff5ad6d10, method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandle+16
110 InstanceKlass::call_class_initializer_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vta
111 InstanceKlass::call_class_initializer (this=0x100006838, __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oo
112 InstanceKlass::initialize_impl (this_oop={<KlassHandle> = {<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72da438 <vtable for inst
113 InstanceKlass::initialize (this=0x100006838, __the_thread__=0x7ffff000d800) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/oops/instanceKl
114 InterpreterRuntime::_new (thread=0x7ffff000d800, pool=0x7fffd3831b60, index=16) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/interpreter
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 <vtabl
125 AdapterHandlerLibrary::create_native_wrapper (method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHar
126 CompileBroker::compile_method (method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methodHandle+16>}, <No c
127 AdvancedThresholdPolicy::submit_compile (this=0x7ffff0074dc0, mh={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable f
128 SimpleThresholdPolicy::compile (this=0x7ffff0074dc0, mh={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for methoc
129 AdvancedThresholdPolicy::method_invocation_event (this=0x7ffff0074dc0, mh={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0
130 SimpleThresholdPolicy::event (this=0x7ffff0074dc0, method={<StackObj> = {<AllocatedObj> = {_vptr.AllocatedObj = 0x7ffff72d99f0 <vtable for meth
131 InterpreterRuntime::frequency_counter_overflow_inner (thread=0x7ffff000d800, branch_bcp=0x0) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/\
132 InterpreterRuntime::frequency_counter_overflow (thread=0x7ffff000d800, branch_bcp=0x0) at /home/zbhuang/OpenJDK/jdk8u/hotspot/src/share/vm/inte
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
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