```
StubRoutines::call_stub [0x00007f8ab9000564, 0x00007f8ab900079b[ (567 bytes)
  ;; enter
  0x00007f8ab9000564: push   %rbp
  0x00007f8ab9000565: mov    %rsp,%rbp
  ;; subptr
  0x00007f8ab9000568: sub    $0x60,%rsp
  0x00007f8ab900056c: mov    %r9,-0x8(%rbp)
  0x00007f8ab9000570: mov    %r8,-0x10(%rbp)
  ;; c_rarg3
  0x00007f8ab9000574: mov    %rcx,-0x18(%rbp)
  ;; c_rarg2
  0x00007f8ab9000578: mov    %edx,-0x20(%rbp)
  ;; c_rarg1
  0x00007f8ab900057b: mov    %rsi,-0x28(%rbp)
  ;; c_rarg0
  0x00007f8ab900057f: mov    %rdi,-0x30(%rbp)
  ;; rbx
  0x00007f8ab9000583: mov    %rbx,-0x38(%rbp)
  ;; r12
  0x00007f8ab9000587: mov    %r12,-0x40(%rbp)
  0x00007f8ab900058b: mov    %r13,-0x48(%rbp)
  0x00007f8ab900058f: mov    %r14,-0x50(%rbp)
  0x00007f8ab9000593: mov    %r15,-0x58(%rbp)
  ;; stmxcsr
  0x00007f8ab9000597: stmxcsr -0x60(%rbp)
  ;; movl
  0x00007f8ab900059b: mov    -0x60(%rbp),%eax
  ;; andl
  0x00007f8ab900059e: and    $0xffc0,%eax
  ;; cmp32
  0x00007f8ab90005a4: cmp    0x1698e19e(%rip),%eax        # 0x00007f8acf98e748
  ;; jcc
  0x00007f8ab90005aa: je     0x00007f8ab90005b7
  ;; ldmxcsr
  0x00007f8ab90005b0: ldmxcsr 0x1698e191(%rip)        # 0x00007f8acf98e748
  ;; bind
  ;; Load up thread register
  0x00007f8ab90005b7: mov    0x18(%rbp),%r15
  ;; reinit_heapbase
  0x00007f8ab90005bb: mov    0x169adc1e(%rip),%r12        # 0x00007f8acf9ae1e0
  ;; cmpptr
  0x00007f8ab90005c2: cmpq   $0x0,0x8(%r15)
  ;; jcc
  0x00007f8ab90005ca: je     0x00007f8ab9000647
  ;; stop
  0x00007f8ab90005d0: mov    %rsp,-0x28(%rsp)
  0x00007f8ab90005d5: sub    $0x80,%rsp
  0x00007f8ab90005dc: mov    %rax,0x78(%rsp)
  0x00007f8ab90005e1: mov    %rcx,0x70(%rsp)
  0x00007f8ab90005e6: mov    %rdx,0x68(%rsp)
  0x00007f8ab90005eb: mov    %rbx,0x60(%rsp)
  0x00007f8ab90005f0: mov    %rbp,0x50(%rsp)
  0x00007f8ab90005f5: mov    %rsi,0x48(%rsp)
  0x00007f8ab90005fa: mov    %rdi,0x40(%rsp)
  0x00007f8ab90005ff: mov    %r8,0x38(%rsp)
  0x00007f8ab9000604: mov    %r9,0x30(%rsp)
  0x00007f8ab9000609: mov    %r10,0x28(%rsp)
  0x00007f8ab900060e: mov    %r11,0x20(%rsp)
  0x00007f8ab9000613: mov    %r12,0x18(%rsp)
  0x00007f8ab9000618: mov    %r13,0x10(%rsp)
  0x00007f8ab900061d: mov    %r14,0x8(%rsp)
  0x00007f8ab9000622: mov    %r15,(%rsp)
  0x00007f8ab9000626: movabs $0x7f8acf3a6170,%rdi
  0x00007f8ab9000630: movabs $0x7f8ab90005d0,%rsi
  0x00007f8ab900063a: mov    %rsp,%rdx
  0x00007f8ab900063d: and    $0xfffffffffffffff0,%rsp
  0x00007f8ab9000641: callq  0x00007f8aceddb9fa
  0x00007f8ab9000646: hlt
  ;; bind
  ;; pass parameters if any
  ;; movl
  0x00007f8ab9000647: mov    0x10(%rbp),%ecx
  ;; testl
  0x00007f8ab900064a: test   %ecx,%ecx
  ;; jcc
  0x00007f8ab900064c: je     0x00007f8ab9000664
  ;; movptr
  0x00007f8ab9000652: mov    -0x8(%rbp),%rdx
  ;; movl
  0x00007f8ab9000656: mov    %ecx,%esi
  ;; BIND
  ;; loop:
  ;; movptr
  0x00007f8ab9000658: mov    (%rdx),%rax
  ;; addptr
  0x00007f8ab900065b: add    $0x8,%rdx
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;; decrementl
0x00007f8ab900065f: dec    %esi
;; push
0x00007f8ab9000661: push   %rax
;; jcc
0x00007f8ab9000662: jne    0x00007f8ab9000658
;; BIND
;; parameters_done:
;; movptr
0x00007f8ab9000664: mov    -0x18(%rbp),%rbx
;; movptr
0x00007f8ab9000668: mov    -0x10(%rbp),%rsi
;; mov
0x00007f8ab900066c: mov    %rsp,%r13
;; call Java function
0x00007f8ab900066f: callq  *%rsi
;; call_stub_return_address:
;; movptr
0x00007f8ab9000671: mov    -0x28(%rbp),%rdi
;; movl
0x00007f8ab9000675: mov    -0x20(%rbp),%esi
;; cmpl
0x00007f8ab9000678: cmp    $0xc,%esi
0x00007f8ab900067b: je     0x00007f8ab9000781
0x00007f8ab9000681: cmp    $0xb,%esi
0x00007f8ab9000684: je     0x00007f8ab9000781
0x00007f8ab900068a: cmp    $0x6,%esi
0x00007f8ab900068d: je     0x00007f8ab9000789
0x00007f8ab9000693: cmp    $0x7,%esi
0x00007f8ab9000696: je     0x00007f8ab9000792
;; movl
0x00007f8ab900069c: mov    %eax,(%rdi)
;; BIND
;; exit:
;; lea
0x00007f8ab900069e: lea    -0x60(%rbp),%rsp
;; cmpptr
0x00007f8ab90006a2: cmp    0x18(%rbp),%r15
;; jcc
0x00007f8ab90006a6: jne    0x00007f8ab90006e6
;; get_thread
0x00007f8ab90006ac: push   %rax
0x00007f8ab90006ad: push   %rdi
0x00007f8ab90006ae: push   %rsi
0x00007f8ab90006af: push   %rdx
0x00007f8ab90006b0: push   %rcx
0x00007f8ab90006b1: push   %r8
0x00007f8ab90006b3: push   %r9
0x00007f8ab90006b5: push   %r10
0x00007f8ab90006b7: mov    %rsp,%r10
0x00007f8ab90006ba: and    $0xfffffffffffffff0,%rsp
0x00007f8ab90006be: push   %r10
0x00007f8ab90006c0: push   %r11
0x00007f8ab90006c2: mov    $0x1,%edi
0x00007f8ab90006c7: callq  0x00007f8acf9c32d0
0x00007f8ab90006cc: pop    %r11
0x00007f8ab90006ce: pop    %rsp
0x00007f8ab90006cf: pop    %r10
0x00007f8ab90006d1: pop    %r9
0x00007f8ab90006d3: pop    %r8
0x00007f8ab90006d5: pop    %rcx
0x00007f8ab90006d6: pop    %rdx
0x00007f8ab90006d7: pop    %rsi
0x00007f8ab90006d8: pop    %rdi
0x00007f8ab90006d9: mov    %rax,%rbx
0x00007f8ab90006dc: pop    %rax
;; cmpptr
0x00007f8ab90006dd: cmp    %rbx,%r15
;; jcc
0x00007f8ab90006e0: je     0x00007f8ab9000763
;; bind
;; jcc
0x00007f8ab90006e6: je     0x00007f8ab9000763
;; stop
0x00007f8ab90006ec: mov    %rsp,-0x28(%rsp)
0x00007f8ab90006f1: sub    $0x80,%rsp
0x00007f8ab90006f8: mov    %rax,0x78(%rsp)
0x00007f8ab90006fd: mov    %rcx,0x70(%rsp)
0x00007f8ab9000702: mov    %rdx,0x68(%rsp)
0x00007f8ab9000707: mov    %rbx,0x60(%rsp)
0x00007f8ab900070c: mov    %rbp,0x50(%rsp)
0x00007f8ab9000711: mov    %rsi,0x48(%rsp)
0x00007f8ab9000716: mov    %rdi,0x40(%rsp)
0x00007f8ab900071b: mov    %r8,0x38(%rsp)
0x00007f8ab9000720: mov    %r9,0x30(%rsp)
0x00007f8ab9000725: mov    %r10,0x28(%rsp)
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    0x00007f8ab900072a: mov    %r11,0x20(%rsp)
    0x00007f8ab900072f: mov    %r12,0x18(%rsp)
    0x00007f8ab9000734: mov    %r13,0x10(%rsp)
    0x00007f8ab9000739: mov    %r14,0x8(%rsp)
    0x00007f8ab900073e: mov    %r15,(%rsp)
    0x00007f8ab9000742: movabs $0x7f8acf3a6250,%rdi
    0x00007f8ab900074c: movabs $0x7f8ab90006ec,%rsi
    0x00007f8ab9000756: mov    %rsp,%rdx
    0x00007f8ab9000759: and    $0xfffffffffffffff0,%rsp
    0x00007f8ab900075d: callq  0x00007f8aceddb9fa
    0x00007f8ab9000762: hlt
    ;; bind
    ;; r15
    0x00007f8ab9000763: mov    -0x58(%rbp),%r15
    0x00007f8ab9000767: mov    -0x50(%rbp),%r14
    0x00007f8ab900076b: mov    -0x48(%rbp),%r13
    0x00007f8ab900076f: mov    -0x40(%rbp),%r12
    0x00007f8ab9000773: mov    -0x38(%rbp),%rbx
    ;; ldmxcsr
    0x00007f8ab9000777: ldmxcsr -0x60(%rbp)
    ;; addptr
    0x00007f8ab900077b: add    $0x60,%rsp
    ;; pop
    0x00007f8ab900077f: pop    %rbp
    ;; ret
    0x00007f8ab9000780: retq
    ;; is_long:
    0x00007f8ab9000781: mov    %rax,(%rdi)
    0x00007f8ab9000784: jmpq   0x00007f8ab900069e
    ;; is_float:
    0x00007f8ab9000789: vmovss %xmm0,(%rdi)
    0x00007f8ab900078d: jmpq   0x00007f8ab900069e
    ;; is_double:
    0x00007f8ab9000792: vmovsd %xmm0,(%rdi)
    0x00007f8ab9000796: jmpq   0x00007f8ab900069e

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