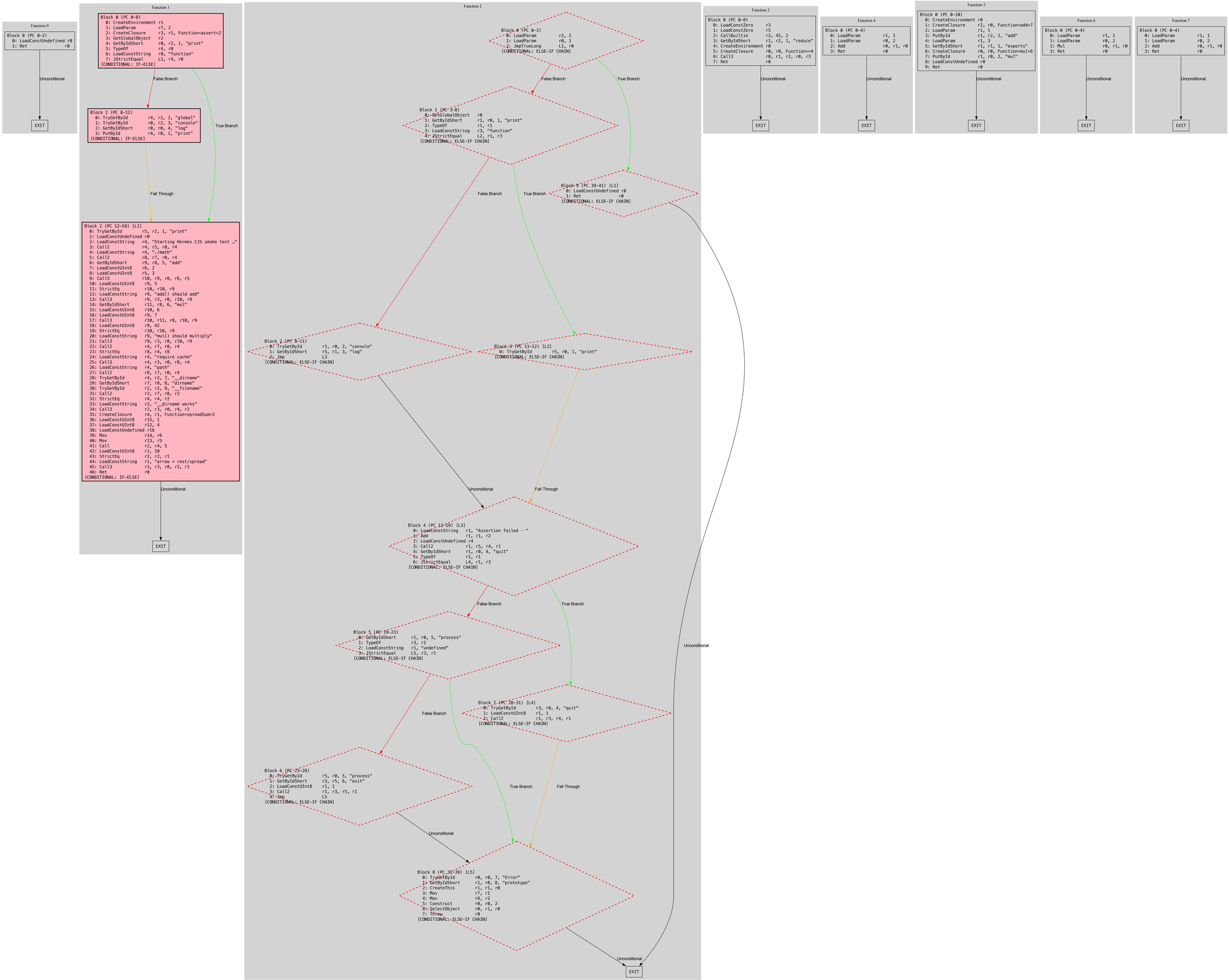
Function 0
Block 0 (PC 0-2)
0: LoadConstUndefined r0
1: Ret r0
Unconditional
EXIT
Function 1
Block 0 (PC 0-8)
0: CreateEnvironment r1
1: LoadParam r7, 2
2: CreateClosure r3, r1, Function<assert>2
3: GetGlobalObject r2
4: GetByIdShort r0, r2, 1, "print"
5: TypeOf r4, r0
6: LoadConstString r0, "function"
7: JStrictEqual L1, r4, r0
[CONDITIONAL: IF-ELSE]
False Branch
True Branch
Block 1 (PC 8-12)
0: TryGetById r4, r2, 2, "global"
1: TryGetById r0, r2, 3, "console"
2: GetByIdShort r0, r0, 4, "log"
3: PutById r4, r0, 1, "print"
[CONDITIONAL: IF-ELSE]
Fall Through
Block 2 (PC 12-59) [L1]
0: TryGetById r5, r2, 1, "print"
1: LoadConstUndefined r0
2: LoadConstString r4, "Starting Hermes CJS smoke test …"
3: Call2 r4, r5, r0, r4
4: LoadConstString r4, "./math"
5: Call2 r8, r7, r0, r4
6: GetByIdShort r9, r8, 5, "add"
7: LoadConstUInt8 r6, 2
8: LoadConstUInt8 r5, 3
9: Call3 r10, r9, r8, r6, r5
10: LoadConstUInt8 r9, 5
11: StrictEq r10, r10, r9
12: LoadConstString r9, "add() should add"
13: Call3 r9, r3, r0, r10, r9
14: GetByIdShort r11, r8, 6, "mul"
15: LoadConstUInt8 r10, 6
16: LoadConstUInt8 r9, 7
17: Call3 r10, r11, r8, r10, r9
18: LoadConstUInt8 r9, 42
19: StrictEq r10, r10, r9
20: LoadConstString r9, "mul() should multiply"
21: Call3 r9, r3, r0, r10, r9
22: Call2 r4, r7, r0, r4
23: StrictEq r8, r4, r8
24: LoadConstString r4, "require cache"
25: Call3 r4, r3, r0, r8, r4
26: LoadConstString r4, "path"
27: Call2 r8, r7, r0, r4
28: TryGetById r4, r2, 7, "__dirname"
29: GetByIdShort r7, r8, 8, "dirname"
30: TryGetById r2, r2, 9, "__filename"
31: Call2 r2, r7, r8, r2
32: StrictEq r4, r4, r2
33: LoadConstString r2, "__dirname works"
34: Call3 r2, r3, r0, r4, r2
35: CreateClosure r4, r1, Function<spreadSum>3
36: LoadConstUInt8 r15, 1
37: LoadConstUInt8 r12, 4
38: LoadConstUndefined r16
39: Mov r14, r6
40: Mov r13, r5
41: Call r2, r4, 5
42: LoadConstUInt8 r1, 10
43: StrictEq r2, r2, r1
44: LoadConstString r1, "arrow + rest/spread"
45: Call3 r1, r3, r0, r2, r1
46: Ret r0
[CONDITIONAL: IF-ELSE]
Unconditional
EXIT
Function 2
Block 0 (PC 0-3)
0: LoadParam r2, 2
1: LoadParam r0, 1
2: JmpTrueLong L1, r0
[CONDITIONAL: ELSE-IF CHAIN]
False Branch
True Branch
Block 1 (PC 3-8)
0: GetGlobalObject r0
1: GetByIdShort r1, r0, 1, "print"
2: TypeOf r1, r1
3: LoadConstString r3, "function"
4: JStrictEqual L2, r1, r3
[CONDITIONAL: ELSE-IF CHAIN]
False Branch
True Branch
Block 9 (PC 39-41) [L1]
0: LoadConstUndefined r0
1: Ret r0
[CONDITIONAL: ELSE-IF CHAIN]
Block 2 (PC 8-11)
0: TryGetById r1, r0, 2, "console"
1: GetByIdShort r5, r1, 3, "log"
2: Jmp L3
[CONDITIONAL: ELSE-IF CHAIN]
Block 3 (PC 11-12) [L2]
0: TryGetById r5, r0, 1, "print"
[CONDITIONAL: ELSE-IF CHAIN]
Unconditional
Fall Through
Block 4 (PC 12-19) [L3]
0: LoadConstString r1, "Assertion failed - "
1: Add r1, r1, r2
2: LoadConstUndefined r4
3: Call2 r1, r5, r4, r1
4: GetByIdShort r1, r0, 4, "quit"
5: TypeOf r1, r1
6: JStrictEqual L4, r1, r3
[CONDITIONAL: ELSE-IF CHAIN]
False Branch
True Branch
Unconditional
Block 5 (PC 19-23)
0: GetByIdShort r1, r0, 5, "process"
1: TypeOf r3, r1
2: LoadConstString r1, "undefined"
3: JStrictEqual L5, r3, r1
[CONDITIONAL: ELSE-IF CHAIN]
False Branch
Block 7 (PC 28-31) [L4]
0: TryGetById r3, r0, 4, "quit"
1: LoadConstUInt8 r1, 1
2: Call2 r1, r3, r4, r1
[CONDITIONAL: ELSE-IF CHAIN]
Block 6 (PC 23-28)
0: TryGetById r5, r0, 5, "process"
1: GetByIdShort r3, r5, 6, "exit"
2: LoadConstUInt8 r1, 1
3: Call2 r1, r3, r5, r1
4: Jmp L5
[CONDITIONAL: ELSE-IF CHAIN]
True Branch
Fall Through
Unconditional
Block 8 (PC 31-39) [L5]
0: TryGetById r0, r0, 7, "Error"
1: GetByIdShort r1, r0, 8, "prototype"
2: CreateThis r1, r1, r0
3: Mov r7, r1
4: Mov r6, r2
5: Construct r0, r0, 2
6: SelectObject r0, r1, r0
7: Throw r0
[CONDITIONAL: ELSE-IF CHAIN]
Unconditional
EXIT
Function 3
Block 0 (PC 0-8)
0: LoadConstZero r3
1: LoadConstZero r5
2: CallBuiltin r2, 45, 2
3: GetByIdShort r1, r2, 1, "reduce"
4: CreateEnvironment r0
5: CreateClosure r0, r0, Function<>4
6: Call3 r0, r1, r2, r0, r3
7: Ret r0
Unconditional
EXIT
Function 4
Block 0 (PC 0-4)
0: LoadParam r1, 1
1: LoadParam r0, 2
2: Add r0, r1, r0
3: Ret r0
Unconditional
EXIT
Function 5
Block 0 (PC 0-10)
0: CreateEnvironment r0
1: CreateClosure r2, r0, Function<add>7
2: LoadParam r1, 1
3: PutById r1, r2, 1, "add"
4: LoadParam r1, 3
5: GetByIdShort r1, r1, 1, "exports"
6: CreateClosure r0, r0, Function<mul>6
7: PutById r1, r0, 2, "mul"
8: LoadConstUndefined r0
9: Ret r0
Unconditional
EXIT
Function 6
Block 0 (PC 0-4)
0: LoadParam r1, 1
1: LoadParam r0, 2
2: Mul r0, r1, r0
3: Ret r0
Unconditional
EXIT
Function 7
Block 0 (PC 0-4)
0: LoadParam r1, 1
1: LoadParam r0, 2
2: Add r0, r1, r0
3: Ret r0
Unconditional
EXIT