

Function 0

```
Block 0 (PC 0-191)
0: DeclareGlobalVar    "run"
1: LoadConstUndefined r6
2: LoadConstUndefined r7
3: LoadConstUndefined r8
4: LoadConstUndefined r9
5: CreateEnvironment r0
6: CreateClosure       r0, r0, Function<run>1
7: GetGlobalObject     r5
8: PutById             r5, r0, 1, "run"
9: LoadConstString    r0, "use strict"
10: NewArrayWithBuffer  r2, 3, 1, 0
11: CreateRegExp        r1, "d+", "", 0
12: PutOwnByIndex       r2, r1, 1
13: LoadConstString    r1, "12345"
14: PutOwnByIndex       r2, r1, 2
15: NewArray            r1, 29
16: PutOwnByIndex       r1, r2, 0
17: NewArrayWithBuffer  r2, 3, 1, 3
18: CreateRegExp        r3, "b[A-Za-z]+b", "", 1
19: PutOwnByIndex       r2, r3, 1
20: LoadConstString    r3, "hello"
21: PutOwnByIndex       r2, r3, 2
22: PutOwnByIndex       r1, r2, 1
23: NewArrayWithBuffer  r2, 3, 1, 5
24: CreateRegExp        r3, "^[w.-]+@[w.-]+.[A-Za-z]{2,}$", "", 2
25: PutOwnByIndex       r2, r3, 1
26: LoadConstString    r3, "me@example.com"
27: PutOwnByIndex       r2, r3, 2
28: PutOwnByIndex       r1, r2, 2
29: NewArrayWithBuffer  r2, 3, 1, 7
30: CreateRegExp        r3, "^(?:https?:/(www.)?[^\s/$.%?#].[^\s]*$, "i", 3
31: PutOwnByIndex       r2, r3, 1
32: LoadConstString    r3, "https://example.org/path"
33: PutOwnByIndex       r2, r3, 2
34: PutOwnByIndex       r1, r2, 3
35: NewArrayWithBuffer  r2, 3, 1, 9
36: CreateRegExp        r3, "^(d{1,3}.){3}d{1,3}$", "", 4
37: PutOwnByIndex       r2, r3, 1
38: LoadConstString    r3, "192.168.0.42"
39: PutOwnByIndex       r2, r3, 2
40: PutOwnByIndex       r1, r2, 4
41: NewArrayWithBuffer  r2, 3, 1, 11
42: CreateRegExp        r3, "^[0-9a-f]{2:}{5}[0-9a-f]{2}$", "i", 5
43: PutOwnByIndex       r2, r3, 1
44: LoadConstString    r3, "aa:bb:cc:dd:ee:ff"
45: PutOwnByIndex       r2, r3, 2
46: PutOwnByIndex       r1, r2, 5
47: NewArrayWithBuffer  r2, 3, 1, 13
48: CreateRegExp        r3, "^(?:+?1s*(?:[.-]s*)?)?(?:s*d{3}s*[d{3}]s*(?:[.-]s*)?d{3}s*(?:[.-]s*)?d{4}$", "", 6
49: PutOwnByIndex       r2, r3, 1
50: LoadConstString    r3, "(123)-456-7890"
51: PutOwnByIndex       r2, r3, 2
52: PutOwnByIndex       r1, r2, 6
53: NewArrayWithBuffer  r2, 3, 1, 15
54: CreateRegExp        r3, "^s+|s+$", "g", 7
55: PutOwnByIndex       r2, r3, 1
56: LoadConstString    r3, "    padded  "
57: PutOwnByIndex       r2, r3, 2
58: PutOwnByIndex       r1, r2, 7
59: NewArrayWithBuffer  r2, 3, 1, 17
60: CreateRegExp        r3, "(w)1+", "", 8
61: PutOwnByIndex       r2, r3, 1
62: LoadConstString    r3, "booooook"
63: PutOwnByIndex       r2, r3, 2
64: PutOwnByIndex       r1, r2, 8
65: NewArrayWithBuffer  r2, 3, 1, 19
66: CreateRegExp        r3, "(a(b(c)))321", "", 9
67: PutOwnByIndex       r2, r3, 1
68: LoadConstString    r3, "abccba"
69: PutOwnByIndex       r2, r3, 2
70: PutOwnByIndex       r1, r2, 9
71: CreateRegExp        r3, "(?<year>d{4})-(?<month>d{2})-(?<day>d{2})$", "", 10
72: NewObjectWithBuffer r18, 3, 3, 0, 0
73: Mov                 r19, r3
74: CallBuiltin         r2, 50, 3
75: NewArrayWithBuffer  r2, 3, 1, 21
76: PutOwnByIndex       r2, r3, 1
77: LoadConstString    r3, "2023-04-01"
78: PutOwnByIndex       r2, r3, 2
79: PutOwnByIndex       r1, r2, 10
80: NewArrayWithBuffer  r2, 3, 1, 23
81: CreateRegExp        r3, "(?<foo)w+", "", 11
82: PutOwnByIndex       r2, r3, 1
83: LoadConstString    r3, "foobاربaz"
84: PutOwnByIndex       r2, r3, 2
85: PutOwnByIndex       r1, r2, 11
86: NewArrayWithBuffer  r2, 3, 1, 25
87: CreateRegExp        r3, "(<1d)d{3}(?!d)", "", 12
88: PutOwnByIndex       r2, r3, 1
89: LoadConstString    r3, "abc123def"
90: PutOwnByIndex       r2, r3, 2
91: PutOwnByIndex       r1, r2, 12
92: NewArrayWithBuffer  r2, 3, 1, 27
93: CreateRegExp        r3, "(?:{?(?{abc}).})*", "s", 13
94: PutOwnByIndex       r2, r3, 1
95: LoadConstString    r3, "xyzabc"
96: PutOwnByIndex       r2, r3, 2
97: PutOwnByIndex       r1, r2, 13
98: NewArrayWithBuffer  r2, 3, 1, 29
99: CreateRegExp        r3, "p[Emoji_Presentation]", "u", 14
100: PutOwnByIndex       r2, r3, 1
101: LoadConstString    r3, "👉"
102: PutOwnByIndex       r2, r3, 2
103: PutOwnByIndex       r1, r2, 14
104: NewArrayWithBuffer  r2, 3, 1, 31
105: CreateRegExp        r4, "u{1F600}", "u", 15
106: PutOwnByIndex       r2, r4, 1
107: PutOwnByIndex       r2, r3, 2
108: PutOwnByIndex       r1, r2, 15
109: NewArrayWithBuffer  r2, 3, 1, 33
110: CreateRegExp        r3, "(?<[s]#[w]+b)", "", 16
111: PutOwnByIndex       r2, r3, 1
112: LoadConstString    r3, "tweet with #hashtag"
113: PutOwnByIndex       r2, r3, 2
114: PutOwnByIndex       r1, r2, 16
115: NewArrayWithBuffer  r2, 3, 1, 35
116: CreateRegExp        r3, "(d(1,3){d(3)}*)(.d+)?", "", 17
117: PutOwnByIndex       r2, r3, 1
118: LoadConstString    r3, "1,234,567.89"
119: PutOwnByIndex       r2, r3, 2
120: PutOwnByIndex       r1, r2, 17
121: NewArrayWithBuffer  r2, 3, 1, 37
122: CreateRegExp        r3, "^(?!.*b(cat|dog)b).{6}$", "i", 18
123: PutOwnByIndex       r2, r3, 1
124: LoadConstString    r3, "ilovecoffee"
125: PutOwnByIndex       r2, r3, 2
126: PutOwnByIndex       r1, r2, 18
127: NewArrayWithBuffer  r2, 3, 1, 39
128: CreateRegExp        r3, "^.{0,5}$", "s", 19
129: PutOwnByIndex       r2, r3, 1
130: LoadConstString    r3, "abc"
131: PutOwnByIndex       r2, r3, 2
132: PutOwnByIndex       r1, r2, 19
133: NewArrayWithBuffer  r2, 3, 1, 41
134: CreateRegExp        r3, "abc", "y", 20
135: PutOwnByIndex       r2, r3, 1
136: LoadConstString    r3, "abcabc"
137: PutOwnByIndex       r2, r3, 2
138: PutOwnByIndex       r1, r2, 20
139: NewArrayWithBuffer  r2, 3, 1, 43
140: CreateRegExp        r3, "[A-Z]+", "g", 21
141: PutOwnByIndex       r2, r3, 1
142: LoadConstString    r3, "ABCdefGHI"
143: PutOwnByIndex       r2, r3, 2
144: PutOwnByIndex       r1, r2, 21
145: NewArrayWithBuffer  r2, 3, 1, 45
146: CreateRegExp        r3, "a+", "gy", 22
147: PutOwnByIndex       r2, r3, 1
148: LoadConstString    r3, "aaaaa"
149: PutOwnByIndex       r2, r3, 2
150: PutOwnByIndex       r1, r2, 22
151: NewArrayWithBuffer  r2, 3, 1, 47
152: CreateRegExp        r3, "(?:[0-9a-f]{1,4}:){7}[0-9a-f]{1,4}", "i", 23
153: PutOwnByIndex       r2, r3, 1
154: LoadConstString    r3, "2001:0db8:85a3:0000:0000:8a2e:0370:7334"
155: PutOwnByIndex       r2, r3, 2
156: PutOwnByIndex       r1, r2, 23
157: NewArrayWithBuffer  r2, 3, 1, 49
158: CreateRegExp        r3, "^(?=>d+)(?=[A-Z])(?=[a-z]).{8}$", "", 24
159: PutOwnByIndex       r2, r3, 1
160: LoadConstString    r3, "AbcdefIg"
161: PutOwnByIndex       r2, r3, 2
162: PutOwnByIndex       r1, r2, 24
163: NewArrayWithBuffer  r2, 3, 1, 51
164: CreateRegExp        r3, ".*import+{s}+?from+{['\"]+.*{['\"]+}?$", "m", 25
165: PutOwnByIndex       r2, r3, 1
166: LoadConstString    r3, "import fs from 'node:fs';"
167: PutOwnByIndex       r2, r3, 2
168: PutOwnByIndex       r1, r2, 25
169: NewArrayWithBuffer  r2, 3, 1, 53
170: CreateRegExp        r3, ".*rgba?(s*(d{1,3}%?s*,s*){2}d{1,3}%?s*(?:,s*(0|1|07.+)?))?$", "", 26
171: PutOwnByIndex       r2, r3, 1
172: LoadConstString    r3, "rgba(255, 0, 0, 0.5)"
173: PutOwnByIndex       r2, r3, 2
174: PutOwnByIndex       r1, r2, 26
175: NewArrayWithBuffer  r2, 3, 1, 55
176: CreateRegExp        r3, "foo/bar", "", 27
177: PutOwnByIndex       r2, r3, 1
178: LoadConstString    r3, "foo/bar"
179: PutOwnByIndex       r2, r3, 2
180: PutOwnByIndex       r1, r2, 27
181: NewArrayWithBuffer  r2, 3, 1, 57
182: CreateRegExp        r3, "{$_p[ID_Start]}$_u200Cu200p[ID_Continue]}*", "u", 28
183: PutOwnByIndex       r2, r3, 1
184: LoadConstString    r3, "nValue"
185: PutOwnByIndex       r2, r3, 2
186: PutOwnByIndex       r1, r2, 28
187: Mov                 r4, r1
188: IteratorBegin       r2, r4
189: LoadConstString    r3, ""
190: LoadConstString    r1, " --> throw:"
```

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Block 1 (PC 191-194)
0: IteratorNext         r11, r2, r4
1: Mov                  r10, r2
2: JStrictEqualLong     L1, r10, r6
```

```
Block 2 (PC 194-203)
0: Mov                  r13, r11
1: IteratorBegin        r10, r13
2: LoadConstUndefined r11
3: LoadConstUndefined r12
4: IteratorNext         r14, r10, r13
5: Mov                   r15, r10
6: StrictEq             r15, r15, r6
7: Mov                  r11, r15
8: JumpTrue             L2, r15
```

```
Block 3 (PC 203-204)
0: Mov                  r12, r14
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Block 4 (PC 204-208)
0: Mov                  r7, r12
1: LoadConstUndefined r12
2: Mov                  r14, r11
3: JumpTrue            L3, r14
```

```
Block 5 (PC 208-213)
0: IteratorNext         r14, r10, r13
1: Mov                   r15, r10
2: StrictEq             r15, r15, r6
3: Mov                  r11, r15
4: JumpTrue            L4, r15
```

```
Block 6 (PC 213-214)
0: Mov                  r12, r14
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Block 7 (PC 214-218)
0: Mov                  r8, r12
1: LoadConstUndefined r12
2: Mov                  r14, r11
3: JumpTrue            L4, r14
```

```
Block 8 (PC 218-223)
0: IteratorNext         r13, r10, r13
1: Mov                   r14, r10
2: StrictEq             r14, r14, r6
3: Mov                  r11, r14
4: JumpTrue            L4, r14
```

```
Block 9 (PC 223-224)
0: Mov                  r12, r13
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Block 10 (PC 224-226)
0: Mov                  r9, r12
1: JumpTrue            L5, r11
```

```
Block 11 (PC 226-227)
0: IteratorClose        r10, 0
```

```
Block 12 (PC 227-233)
0: GetByIdShort         r13, r5, 1, "run"
1: Mov                   r12, r7
2: Mov                   r11, r8
3: Mov                   r10, r9
4: Call4                r0, r13, r6, r12, r11, r10
5: JumpLong             L7
```

```
Block 14 (PC 234-243)
0: TryGetById           r11, r5, 2, "globalThis"
1: GetByIdShort         r13, r11, 3, "console"
2: GetByIdShort         r12, r13, 4, "error"
3: Mov                   r14, r7
4: TryGetById           r11, r5, 5, "HermesInternal"
5: GetByIdShort         r11, r11, 6, "concat"
6: Call3                r11, r11, r3, r14, r1
7: GetByIdShort         r10, r10, 7, "message"
8: Call3                r0, r12, r13, r11, r10
```

```
Block 15 (PC 243-244)
0: JumpLong            L7
```

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Block 18 (PC 247-248)
0: Ret                  r0
```

```
Block 13 (PC 233-234)
0: Catch                r10
```

```
Block 16 (PC 244-245)
0: Catch                r1
```

```
Block 17 (PC 245-247)
0: IteratorClose        r2, 1
1: Throw
```

EXIT

EXIT

Function 1

```
Block 0 (PC 0-27)
0: LoadParam           r6, 1
1: LoadParam            r9, 2
2: GetByIdShort         r1, r9, 1, "test"
3: LoadParam            r0, 3
4: Call2                r5, r1, r9, r0
5: GetGlobalObject      r1
6: TryGetById           r0, r1, 2, "globalThis"
7: GetByIdShort         r3, r0, 3, "console"
8: GetByIdShort         r2, r3, 4, "log"
9: GetByIdShort         r4, r6, 5, "padEnd"
10: LoadConstUIInt8     r0, 20
11: Call2                r8, r4, r6, r0
12: TryGetById           r4, r1, 6, "String"
13: LoadConstUndefined  r0
14: Call2                r5, r4, r0, r5
15: GetByIdShort         r4, r5, 7, "toUpperCase"
16: Call1                r12, r4, r5
17: TryGetById           r1, r1, 8, "HermesInternal"
18: GetByIdShort         r6, r1, 0, "concat"
19: LoadConstString     r15, ""
20: LoadConstString     r13, " : "
21: LoadConstString     r11, " - "
22: Mov                  r14, r8
23: Mov                  r10, r9
24: Call                 r1, r6, 6
25: Call2                r1, r2, r3, r1
26: Ret                  r0
```