

```
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}$", "i", 5
43: PutOwnByIndex      r2, r3, 1
44: LoadConstString    r3, "aa:bb:cc:dd:ee:ff"
45: PutOwnByIndex      r2, r3, 2
46: PutOwnByIndex      r1, r2, 5
47: NewArrayWithBuffer r2, 3, 1, 13
48: CreateRegExp       r3, "^(?:+?is*(?:[.-]s*)?(?:s*d{3}s*)|d{3})s*(?:[.-]s*)?d{3}s*(?:[.-]s*)?d{4}$", "", 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+]+$", "g", 7
55: PutOwnByIndex      r2, r3, 1
56: LoadConstString    r3, " padded "
57: PutOwnByIndex      r2, r3, 2
58: PutOwnByIndex      r1, r2, 7
59: NewArrayWithBuffer r2, 3, 1, 17
60: CreateRegExp       r3, "(w)l+", "", 8
61: PutOwnByIndex      r2, r3, 1
62: LoadConstString    r3, "booooook"
63: PutOwnByIndex      r2, r3, 2
64: PutOwnByIndex      r1, r2, 8
65: NewArrayWithBuffer r2, 3, 1, 19
66: CreateRegExp       r3, "(a(b(c)))321", "", 9
67: PutOwnByIndex      r2, r3, 1
68: LoadConstString    r3, "abccba"
69: PutOwnByIndex      r2, r3, 2
70: PutOwnByIndex      r1, r2, 9
71: CreateRegExp       r3, "^(?<year>d{4})-(?<month>d{2})-(?<day>d{2})$", "", 10
72: NewObjectWithBuffer r10, 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, "foobabaz"
84: PutOwnByIndex      r2, r3, 2
85: PutOwnByIndex      r1, r2, 11
86: NewArrayWithBuffer r2, 3, 1, 25
87: CreateRegExp       r3, "(?<d)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{F600}", "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,}$", "i", 18
123: PutOwnByIndex      r2, r3, 1
124: LoadConstString    r3, "ilovecoffee"
125: PutOwnByIndex      r2, r3, 2
126: PutOwnByIndex      r1, r2, 18
127: NewArrayWithBuffer r2, 3, 1, 39
128: CreateRegExp       r3, "^[.{}$]*", "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, "abcbabc"
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,}$", "", 24
159: PutOwnByIndex      r2, r3, 1
160: LoadConstString    r3, "Abcdef1g"
161: PutOwnByIndex      r2, r3, 2
162: PutOwnByIndex      r1, r2, 24
163: NewArrayWithBuffer r2, 3, 1, 51
164: CreateRegExp       r3, "~*imports+[s$]+?froms+[']+.+?[']?;?", "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|10?.d+))?)$", "", 26
171: PutOwnByIndex      r2, r3, 1
172: LoadConstString    r3, "rgba(255, 0, 0, 0.5)"
173: PutOwnByIndex      r2, r3, 2
174: PutOwnByIndex      r1, r2, 26
175: NewArrayWithBuffer r2, 3, 1, 55
176: CreateRegExp       r3, "foo/bar", "", 27
177: PutOwnByIndex      r2, r3, 1
178: LoadConstString    r3, "foo/bar"
179: PutOwnByIndex      r2, r3, 2
180: PutOwnByIndex      r1, r2, 27
181: NewArrayWithBuffer r2, 3, 1, 57
182: CreateRegExp       r3, "[$_p{ID_Start}][$_u200Cu200Dp(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, "" --> threw:"
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```
Block 1 (PC 191-194)
0: IteratorNext      r11, r2, r4
1: Mov               r10, r2
2: JStrictEqualLong  L1, r10, r6
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Block 17 (PC 245-246)
0: IteratorClose     r2, 1
```

```
Block 1 (PC 26-27)
0: Ret               r0
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```
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         L3, 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: Call             L6
```

```
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            r10, r11, r3, r14, r1
7: GetByIdShort     r10, r10, 7, "message"
8: Call3
```

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

```
Block 19 (PC 247-248)
0: Ret               r0
```

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

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

```
Block 18 (PC 246-247)
0: Throw            r1
```

EXIT

EXIT

```
Function 1
Block 0 (PC 0-26)
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: LoadConstUInt8  r0, 20
11: Call2           r0, 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, 9, "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
```