

```
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.)?[^$$.?#].[^$]*$)", "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}$)", "", 6
49: PutOwnByIndex       r2, r3, 1
50: LoadConstString    r3, "(123)-456-7890"
51: PutOwnByIndex       r2, r3, 2
52: PutOwnByIndex       r1, r2, 6
53: NewArrayWithBuffer r2, 3, 1, 15
54: CreateRegExp        r3, "^[s+]+$", "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, "boooooo"
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})$", "", 10
72: NewObjectWithBuffer r18, 3, 3, 0, 0
73: Mov                 r19, r3
74: CallBuiltin         r2, 50, 3
75: NewArrayWithBuffer r2, 3, 1, 21
76: PutOwnByIndex       r2, r3, 1
77: LoadConstString    r3, "2023-04-01"
78: PutOwnByIndex       r2, r3, 2
79: PutOwnByIndex       r1, r2, 10
80: NewArrayWithBuffer r2, 3, 1, 23
81: CreateRegExp        r3, "(?<=foo)w+", "", 11
82: PutOwnByIndex       r2, r3, 1
83: LoadConstString    r3, "foobabaz"
84: PutOwnByIndex       r2, r3, 2
85: PutOwnByIndex       r1, r2, 11
86: NewArrayWithBuffer r2, 3, 1, 25
87: CreateRegExp        r3, "(?<d)d{3}(?!d)", "", 12
88: PutOwnByIndex       r2, r3, 1
89: LoadConstString    r3, "abc123def"
90: PutOwnByIndex       r2, r3, 2
91: PutOwnByIndex       r1, r2, 12
92: NewArrayWithBuffer r2, 3, 1, 27
93: CreateRegExp        r3, "(?(?!abc).)*", "s", 13
94: PutOwnByIndex       r2, r3, 1
95: LoadConstString    r3, "xyzabc"
96: PutOwnByIndex       r2, r3, 2
97: PutOwnByIndex       r1, r2, 13
98: NewArrayWithBuffer r2, 3, 1, 29
99: CreateRegExp        r3, "p[Emoji_Presentation]", "u", 14
100: PutOwnByIndex      r2, r3, 1
101: LoadConstString  r3, "👉"
102: PutOwnByIndex      r2, r3, 2
103: PutOwnByIndex      r1, r2, 14
104: NewArrayWithBuffer r2, 3, 1, 31
105: CreateRegExp      r4, "u(1F600)", "u", 15
106: PutOwnByIndex      r2, r4, 1
107: PutOwnByIndex      r2, r3, 2
108: PutOwnByIndex      r1, r2, 15
109: NewArrayWithBuffer r2, 3, 1, 33
110: CreateRegExp      r3, "(?<^[s]#[w]+b)", "", 16
111: PutOwnByIndex      r2, r3, 1
112: LoadConstString  r3, "tweet with #hashtag"
113: PutOwnByIndex      r2, r3, 2
114: PutOwnByIndex      r1, r2, 16
115: NewArrayWithBuffer r2, 3, 1, 35
116: CreateRegExp      r3, "(d{1,3}{(,d{3})*}(.d+)?)", "", 17
117: PutOwnByIndex      r2, r3, 1
118: LoadConstString  r3, "1,234,567.89"
119: PutOwnByIndex      r2, r3, 2
120: PutOwnByIndex      r1, r2, 17
121: NewArrayWithBuffer r2, 3, 1, 37
122: CreateRegExp      r3, "^(?!.b(cat|dog)b).{6,}$", "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]$", "s", 19
129: PutOwnByIndex      r2, r3, 1
130: LoadConstString  r3, "abc"
131: PutOwnByIndex      r2, r3, 2
132: PutOwnByIndex      r1, r2, 19
133: NewArrayWithBuffer r2, 3, 1, 41
134: CreateRegExp      r3, "abc", "y", 20
135: PutOwnByIndex      r2, r3, 1
136: LoadConstString  r3, "abcbac"
137: PutOwnByIndex      r2, r3, 2
138: PutOwnByIndex      r1, r2, 20
139: NewArrayWithBuffer r2, 3, 1, 43
140: CreateRegExp      r3, "[A-Z]+", "g", 21
141: PutOwnByIndex      r2, r3, 1
142: LoadConstString  r3, "ABcDefGHI"
143: PutOwnByIndex      r2, r3, 2
144: PutOwnByIndex      r1, r2, 21
145: NewArrayWithBuffer r2, 3, 1, 45
146: CreateRegExp      r3, "a+", "gy", 22
147: PutOwnByIndex      r2, r3, 1
148: LoadConstString  r3, "aaaaa"
149: PutOwnByIndex      r2, r3, 2
150: PutOwnByIndex      r1, r2, 22
151: NewArrayWithBuffer r2, 3, 1, 47
152: CreateRegExp      r3, "(?:[0-9a-f]{1,4}:){7}[0-9a-f]{1,4}", "i", 23
153: PutOwnByIndex      r2, r3, 1
154: LoadConstString  r3, "2001:0db8:85a3:0000:0000:8a2e:0370:7334"
155: PutOwnByIndex      r2, r3, 2
156: PutOwnByIndex      r1, r2, 23
157: NewArrayWithBuffer r2, 3, 1, 49
158: CreateRegExp      r3, "^(?=d*d)(?=[A-Z])(?=[a-z]).{8,}$", "", 24
159: PutOwnByIndex      r2, r3, 1
160: LoadConstString  r3, "Abcdeflg"
161: PutOwnByIndex      r2, r3, 2
162: PutOwnByIndex      r1, r2, 24
163: NewArrayWithBuffer r2, 3, 1, 51
164: CreateRegExp      r3, ".*imports+[sS]+?froms+[\"'].+?[\"'];?$", "m", 25
165: PutOwnByIndex      r2, r3, 1
166: LoadConstString  r3, "import fs from 'node:fs';"
167: PutOwnByIndex      r2, r3, 2
168: PutOwnByIndex      r1, r2, 25
169: NewArrayWithBuffer r2, 3, 1, 53
170: CreateRegExp      r3, "^[rgba]?s(d{1,3}%?s*,s*){2}d{1,3}%?s*(?:,s*(0|1|0?.d+)))?$", "", 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, " --> throw:"
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```
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, 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              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, 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
26: Ret                r0
```

Fall

Uncond

EXIT

