

Block 0

```

resumeipoint 3 2 1 5 4
resumeipoint 3 2 1 5 4
1 parameter -1 Value
2 constant undefined Undefined
3 constant undefined Undefined
4 constant undefined Undefined
5 constant undefined Undefined
6 start
    resumeipoint 3 2 1 5 4
7 checkoverrecursed
8 constant undefined Undefined
9 constant function Date at 0x10254ed80 Object
10 constant undefined Undefined
11 constant function Date at 0x10254ed80 Object
12 constant magic Magic
13 call constant11 constant12 Value
    resumeipoint 13 3 2 8 5 4
14 typebarrier call13 Object
15 constant 0x0 Int32
29 goto block2

```

Block 1

```

resumeipoint 21 20 19 18 17
16 osentry Pointer
17 constant undefined Undefined
resumeipoint 21 20 19 18 17
18 osrreturnvalue osentry16 Value
resumeipoint 21 20 19 18 17
19 parameter -1 Value
resumeipoint 21 20 19 18 17
20 osrvalue osentry16 Value
resumeipoint 21 20 19 18 17
21 osrvalue osentry16 Value
resumeipoint 21 20 19 18 17
22 start
225 typebarrier parameter19 Undefined
226 typebarrier osrvalue20 Object
227 typebarrier osrvalue21 Int32
23 goto block2

```

Block 2

```

resumeipoint 28 27 26 25 24
24 phi constant4 constant17 Undefined
25 phi constant5 osrreturnvalue18 Value
26 phi constant8 typebarrier225 Undefined
27 phi typebarrier14 typebarrier226 Object
28 phi constant15 typebarrier227 Int32
35 goto block3

```

Block 3

```

resumeipoint 34 33 32 31 30
30 phi phi24 phi24 Undefined
31 phi phi25 phi25 Value
32 phi phi26 phi26 Undefined
33 phi phi27 phi27 Object
34 phi phi28 add208 Int32
36 interruptcheck
37 constant 0x7a120 Int32
38 compare phi34 constant37 lt Bool
39 test compare38 block4 block5

```

Block 5

```

resumeipoint 34 33 32 31 30
212 constant object 0x10253e060 (global) Object
213 getnamecache constant212 Value
resumeipoint 213 34 33 32 31 30
214 typebarrier getnamecache213 Value
215 constant undefined Undefined
216 constant function Date at 0x10254ed80 Object
217 constant undefined Undefined
218 constant function Date at 0x10254ed80 Object
219 constant magic Magic
220 call constant218 constant219 Value
resumeipoint 220 215 214 34 33 32 31 30
221 typebarrier call220 Value
222 sub typebarrier221 phi33 Value
resumeipoint 222 215 214 34 33 32 31 30
223 call typebarrier214 constant215 sub222 Value
resumeipoint 223 34 33 32 31 30
224 return phi31

```

Block 6

```

resumeipoint 34 33 32 31 30
40 constant object 0x10253e060 (global) Object
41 getnamecache constant40 Value
resumeipoint 41 34 33 32 31 30
42 typebarrier getnamecache41 Object
43 constant undefined Undefined
44 constant function run (/Users/iseki/Downloads/array_push_bench.js:27) at 0x10254ed00 Object
45 goto block6
((4)) resumeipoint 34 33 32 31 30
50 constant undefined Value
51 constant function Array at 0x10254e7c0 Object
52 newarray Object
53 nop Undefined
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
54 constant function push (self-hosted:193) at 0x102550160 Object
55 constant object 0x10253e060 (global) Object
56 slots constant55 Slots
57 loadslot slots56 Object
58 call constant54 newarray52 loadslot57 Value
((4)) resumeipoint 58 52 43 47 46 43 44 34 33 32 31 30
59 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
60 constant function push (self-hosted:193) at 0x102550160 Object
61 constant object 0x10253e060 (global) Object
62 slots constant61 Slots
63 loadslot slots62 Object
64 call constant60 newarray52 loadslot63 Value
((4)) resumeipoint 64 52 43 47 46 43 44 34 33 32 31 30
65 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
66 constant function push (self-hosted:193) at 0x102550160 Object
67 constant object 0x10253e060 (global) Object
68 slots constant67 Slots
69 loadslot slots68 Object
70 call constant66 newarray52 loadslot69 Value
((4)) resumeipoint 70 52 43 47 46 43 44 34 33 32 31 30
71 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
72 constant function push (self-hosted:193) at 0x102550160 Object
73 constant object 0x10253e060 (global) Object
74 slots constant73 Slots
75 loadslot slots74 Object
76 call constant72 newarray52 loadslot75 Value
((4)) resumeipoint 76 52 43 47 46 43 44 34 33 32 31 30
77 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
78 constant function push (self-hosted:193) at 0x102550160 Object
79 constant object 0x10253e060 (global) Object
80 slots constant79 Slots
81 loadslot slots80 Object
82 call constant78 newarray52 loadslot81 Value
((4)) resumeipoint 82 52 43 47 46 43 44 34 33 32 31 30
83 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
84 constant function push (self-hosted:193) at 0x102550160 Object
85 constant object 0x10253e060 (global) Object
86 slots constant85 Slots
87 loadslot slots86 Object
88 call constant84 newarray52 loadslot87 Value
((4)) resumeipoint 88 52 43 47 46 43 44 34 33 32 31 30
89 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
90 constant function push (self-hosted:193) at 0x102550160 Object
91 constant object 0x10253e060 (global) Object
92 slots constant91 Slots
93 loadslot slots92 Object
94 call constant90 newarray52 loadslot93 Value
((4)) resumeipoint 94 52 43 47 46 43 44 34 33 32 31 30
95 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
96 constant function push (self-hosted:193) at 0x102550160 Object
97 constant object 0x10253e060 (global) Object
98 slots constant97 Slots
99 loadslot slots98 Object
100 call constant96 newarray52 loadslot99 Value
((4)) resumeipoint 100 52 43 47 46 43 44 34 33 32 31 30
101 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
102 constant function push (self-hosted:193) at 0x102550160 Object
103 constant object 0x10253e060 (global) Object
104 slots constant103 Slots
105 loadslot slots104 Object
106 call constant102 newarray52 loadslot105 Value
((4)) resumeipoint 106 52 43 47 46 43 44 34 33 32 31 30
107 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
108 constant function push (self-hosted:193) at 0x102550160 Object
109 constant object 0x10253e060 (global) Object
110 slots constant109 Slots
111 loadslot slots110 Object
112 call constant108 newarray52 loadslot111 Value
((4)) resumeipoint 112 52 43 47 46 43 44 34 33 32 31 30
113 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
114 constant function push (self-hosted:193) at 0x102550160 Object
115 constant object 0x10253e060 (global) Object
116 slots constant115 Slots
117 loadslot slots116 Object
118 call constant114 newarray52 loadslot117 Value
((4)) resumeipoint 118 52 43 47 46 43 44 34 33 32 31 30
119 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
120 constant function push (self-hosted:193) at 0x102550160 Object
121 constant object 0x10253e060 (global) Object
122 slots constant121 Slots
123 loadslot slots122 Object
124 call constant120 newarray52 loadslot123 Value
((4)) resumeipoint 124 52 43 47 46 43 44 34 33 32 31 30
125 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
126 constant function push (self-hosted:193) at 0x102550160 Object
127 constant object 0x10253e060 (global) Object
128 slots constant127 Slots
129 loadslot slots128 Object
130 call constant126 newarray52 loadslot129 Value
((4)) resumeipoint 130 52 43 47 46 43 44 34 33 32 31 30
131 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
132 constant function push (self-hosted:193) at 0x102550160 Object
133 constant object 0x10253e060 (global) Object
134 slots constant133 Slots
135 loadslot slots134 Object
136 call constant132 newarray52 loadslot135 Value
((4)) resumeipoint 136 52 43 47 46 43 44 34 33 32 31 30
137 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
138 constant function push (self-hosted:193) at 0x102550160 Object
139 constant object 0x10253e060 (global) Object
140 slots constant139 Slots
141 loadslot slots140 Object
142 call constant138 newarray52 loadslot141 Value
((4)) resumeipoint 142 52 43 47 46 43 44 34 33 32 31 30
143 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
144 constant function push (self-hosted:193) at 0x102550160 Object
145 constant object 0x10253e060 (global) Object
146 slots constant145 Slots
147 loadslot slots146 Object
148 call constant144 newarray52 loadslot147 Value
((4)) resumeipoint 148 52 43 47 46 43 44 34 33 32 31 30
149 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
150 constant function push (self-hosted:193) at 0x102550160 Object
151 constant object 0x10253e060 (global) Object
152 slots constant151 Slots
153 loadslot slots152 Object
154 call constant150 newarray52 loadslot153 Value
((4)) resumeipoint 154 52 43 47 46 43 44 34 33 32 31 30
155 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
156 constant function push (self-hosted:193) at 0x102550160 Object
157 constant object 0x10253e060 (global) Object
158 slots constant157 Slots
159 loadslot slots158 Object
160 call constant156 newarray52 loadslot159 Value
((4)) resumeipoint 160 52 43 47 46 43 44 34 33 32 31 30
161 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
162 constant function push (self-hosted:193) at 0x102550160 Object
163 constant object 0x10253e060 (global) Object
164 slots constant163 Slots
165 loadslot slots164 Object
166 call constant162 newarray52 loadslot165 Value
((4)) resumeipoint 166 52 43 47 46 43 44 34 33 32 31 30
167 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
168 constant function push (self-hosted:193) at 0x102550160 Object
169 constant object 0x10253e060 (global) Object
170 slots constant169 Slots
171 loadslot slots170 Object
172 call constant168 newarray52 loadslot171 Value
((4)) resumeipoint 172 52 43 47 46 43 44 34 33 32 31 30
173 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
174 constant function push (self-hosted:193) at 0x102550160 Object
175 constant object 0x10253e060 (global) Object
176 slots constant175 Slots
177 loadslot slots176 Object
178 call constant174 newarray52 loadslot177 Value
((4)) resumeipoint 178 52 43 47 46 43 44 34 33 32 31 30
179 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
180 constant function push (self-hosted:193) at 0x102550160 Object
181 constant object 0x10253e060 (global) Object
182 slots constant181 Slots
183 loadslot slots182 Object
184 call constant180 newarray52 loadslot183 Value
((4)) resumeipoint 184 52 43 47 46 43 44 34 33 32 31 30
185 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
186 constant function push (self-hosted:193) at 0x102550160 Object
187 constant object 0x10253e060 (global) Object
188 slots constant187 Slots
189 loadslot slots188 Object
190 call constant186 newarray52 loadslot189 Value
((4)) resumeipoint 190 52 43 47 46 43 44 34 33 32 31 30
191 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
192 constant function push (self-hosted:193) at 0x102550160 Object
193 constant object 0x10253e060 (global) Object
194 slots constant193 Slots
195 loadslot slots194 Object
196 call constant192 newarray52 loadslot195 Value
((4)) resumeipoint 196 52 43 47 46 43 44 34 33 32 31 30
197 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
198 constant function push (self-hosted:193) at 0x102550160 Object
199 constant object 0x10253e060 (global) Object
200 slots constant199 Slots
201 loadslot slots200 Object
202 call constant198 newarray52 loadslot201 Value
((4)) resumeipoint 202 52 43 47 46 43 44 34 33 32 31 30
203 nop
((4)) resumeipoint 52 43 47 46 43 44 34 33 32 31 30
205 goto block7

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Block 7

```

resumeipoint 47 34 33 32 31 30
206 nop
resumeipoint 34 33 32 31 30
207 constant 0x1 Int32
208 add phi34 constant207 Int32
209 nop
resumeipoint 208 34 33 32 31 30
210 nop
resumeipoint 208 33 32 31 30
211 goto block3

```