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1 GOROOT=C:\Users\joe80\sdk\go1.18.3 #gosetup
2 GOPATH=C:\Users\joe80\sdk\go1.18.3\bin;C:\Local
  Project #gosetup
3 C:\Users\joe80\sdk\go1.18.3\bin\go.exe test -v
  ./... -bench . -run ^$ -test.benchmem -test.
  benchtime=0.50s #gosetup
4 goos: windows
5 goarch: amd64
6 pkg: Distributed-RPC-Framework/test/benchmark
7 cpu: Intel(R) Core(TM) i7-1065G7 CPU @ 1.30GHz
8 BenchmarkClient
9 BenchmarkClient/CreateClient
10 BenchmarkClient/CreateClient-8                29844
    19103 ns/op
11          5809 B/op          18 allocs/op
12 BenchmarkClient/CreateClient.HTTP
13 BenchmarkClient/CreateClient.HTTP-8          97447
    5262 ns/op
14          4930 B/op          12 allocs/op
15 BenchmarkClient/Call
16 BenchmarkClient/Call-8                        5677
    98627 ns/op
17          963 B/op           26 allocs/op
18 BenchmarkClient/Call.HTTP
19 BenchmarkClient/Call.HTTP-8                  5990
    96355 ns/op
20          963 B/op           26 allocs/op
21 BenchmarkClient/XMakeDial
22 BenchmarkClient/XMakeDial-8                  1903
    331628 ns/op
23          15782 B/op          83 allocs/op
24 BenchmarkClient/XMakeDial.HTTP
25 BenchmarkClient/XMakeDial.HTTP-8             1465
    382290 ns/op
26          34976 B/op         125 allocs/op
27 BenchmarkClient/MakeDial
28 BenchmarkClient/MakeDial-8                   1622
    322268 ns/op
29          15769 B/op          85 allocs/op
30 BenchmarkClient/MakeDial.HTTP
31 BenchmarkClient/MakeDial.HTTP-8             1069

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31          472243 ns/op
32          34985 B/op          127 allocs/op
33 BenchmarkClient/MakeDialWithTimeout
34 BenchmarkClient/MakeDialWithTimeout-8          1419
          399783 ns/op
35          16669 B/op          86 allocs/op
36 BenchmarkClient/MakeDialWithTimeout.HTTP
37 BenchmarkClient/MakeDialWithTimeout.HTTP-8
          1100          5867
38 88 ns/op          36017 B/op          129 allocs/op
39 BenchmarkClient/Client-Side.CreateLoadBalancedClient
40 BenchmarkClient/Client-Side.CreateLoadBalancedClient-
  8          129202492
41          4.585 ns/op          0 B/op
          0 allocs/op
42 BenchmarkClient/Client-Side.LoadBalancedClient.Call
43 BenchmarkClient/Client-Side.LoadBalancedClient.Call-8
          7531
44          80640 ns/op          996 B/op
          29 allocs/op
45 BenchmarkClient/Client-Side.LoadBalancedClient.
  BroadcastCall
46 BenchmarkClient/Client-Side.LoadBalancedClient.
  BroadcastCall-8          6307
47          94541 ns/op          2608 B/op
          75 allocs/op
48 BenchmarkClient/Registry-Side.
  CreateLoadBalancedClient
49 BenchmarkClient/Registry-Side.
  CreateLoadBalancedClient-8          129957583
50          4.643 ns/op          0 B/op
          0 allocs/op
51 BenchmarkClient/Registry-Side.LoadBalancedClient.Call
52 BenchmarkClient/Registry-Side.LoadBalancedClient.Call
  -8          6654
53          82453 ns/op          995 B/op
          29 allocs/op
54 BenchmarkClient/Registry-Side.LoadBalancedClient.
  BroadcastCall
55 BenchmarkClient/Registry-Side.LoadBalancedClient.
  BroadcastCall-8

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56          10000          96576 ns/op
   2606 B/op          75 allocs/
57 op
58 BenchmarkCoder
59 BenchmarkCoder/CoderMapInitialization
60 BenchmarkCoder/CoderMapInitialization-8
61          42756596          13.52 ns/op
          0 B/op          0 allocs/
62 op
63 BenchmarkJsonCoder
64 BenchmarkJsonCoder/NewJsonCoder
65 BenchmarkJsonCoder/NewJsonCoder-8
66          775438          786.7 ns/op
   4096 B/op          1 allocs/
67 op
68 BenchmarkJsonCoder/EncodeMessageHeaderAndBody
69 BenchmarkJsonCoder/EncodeMessageHeaderAndBody-8
70          21572          30269 ns/op
          7 B/op          0 allocs/
71 op
72 BenchmarkJsonCoder/DecodeMessageHeader
73 BenchmarkJsonCoder/DecodeMessageHeader-8
74          9332          65478 ns/op
   727 B/op          21 allocs/
75 op
76 BenchmarkJsonCoder/DecodeMessageBody
77 BenchmarkJsonCoder/DecodeMessageBody-8
78          1000000000          0.001666 ns/op
          0 B/op          0 allocs/
79 op
80 BenchmarkLoadBalancer
81 BenchmarkLoadBalancer/ClientSide.
   CreateLoadBalancerClientSide
82 BenchmarkLoadBalancer/ClientSide.
   CreateLoadBalancerClientSide-8
83          60856          10379 ns/op
   5520 B/op          4 allocs/
84 op
85 BenchmarkLoadBalancer/ClientSide.GetServer.
   RandomSelectMode
86 BenchmarkLoadBalancer/ClientSide.GetServer.

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86 RandomSelectMode-8
87          17198185          32.36 ns/op
          0 B/op          0 allocs/
88 op
89 BenchmarkLoadBalancer/ClientSide.GetServer.
  RoundRobinSelectMode
90 BenchmarkLoadBalancer/ClientSide.GetServer.
  RoundRobinSelectMode-8
91          16730660          31.28 ns/op
          0 B/op          0 allocs/
92 op
93 BenchmarkLoadBalancer/ClientSide.GetServerList
94 BenchmarkLoadBalancer/ClientSide.GetServerList-8
95          9726553          56.25 ns/op
          32 B/op          1 allocs/
96 op
97 BenchmarkLoadBalancer/ClientSide.RefreshServerList
98 BenchmarkLoadBalancer/ClientSide.RefreshServerList-8
99          1000000000          0.3013 ns/op
          0 B/op          0 allocs/
100 op
101 BenchmarkLoadBalancer/ClientSide.UpdateServerList
102 BenchmarkLoadBalancer/ClientSide.UpdateServerList-8
103          18620596          32.52 ns/op
          0 B/op          0 allocs/
104 op
105 BenchmarkLoadBalancer/RegistrySide.
  CreateLoadBalancerRegistrySide
106 BenchmarkLoadBalancer/RegistrySide.
  CreateLoadBalancerRegistrySide-8
107          57908          10609 ns/op
          5552 B/op          4 allocs/
108 op
109 BenchmarkLoadBalancer/RegistrySide.GetServer.
  RandomSelectMode
110 BenchmarkLoadBalancer/RegistrySide.GetServer.
  RandomSelectMode-8
111          8521225          72.57 ns/op
          0 B/op          0 allocs/
112 op
113 BenchmarkLoadBalancer/RegistrySide.GetServer.

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113 RoundRobinSelectMode
114 BenchmarkLoadBalancer/RegistrySide.GetServer.
    RoundRobinSelectMode-8
115          8358536          71.27 ns/op
          0 B/op          0 allocs/
116 op
117 BenchmarkLoadBalancer/RegistrySide.GetServerList
118 BenchmarkLoadBalancer/RegistrySide.GetServerList-8
119          6429834          88.57 ns/op
          32 B/op          1 allocs/
120 op
121 BenchmarkLoadBalancer/RegistrySide.RefreshServerList
122 BenchmarkLoadBalancer/RegistrySide.RefreshServerList
    -8
123          14644754          38.14 ns/op
          0 B/op          0 allocs/
124 op
125 BenchmarkLoadBalancer/RegistrySide.UpdateServerList
126 BenchmarkLoadBalancer/RegistrySide.UpdateServerList-
    8
127          14889852          33.90 ns/op
          0 B/op          0 allocs/
128 op
129 BenchmarkRegistry
130 BenchmarkRegistry/CreateRegistry
131 BenchmarkRegistry/CreateRegistry-8
132          1000000          630.7 ns/op
          272 B/op          18 allocs/
133 op
134 BenchmarkRegistry/ServeHTTP.POST
135 BenchmarkRegistry/ServeHTTP.POST-8
136          7363          82455 ns/op
          4167 B/op          56 allocs/
137 op
138 BenchmarkRegistry/ServeHTTP.GET
139 BenchmarkRegistry/ServeHTTP.GET-8
140          10000          86706 ns/op
          5017 B/op          60 allocs/
141 op
142 BenchmarkServer
143 BenchmarkServer/CreateServer

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144 BenchmarkServer/CreateServer-8
145          2869917          265.2 ns/op
          128 B/op          6 allocs/
146 op
147 BenchmarkServer/CreateServer.HTTP
148 BenchmarkServer/CreateServer.HTTP-8
149          3106820          211.1 ns/op
          128 B/op          6 allocs/
150 op
151 BenchmarkServer/ServerRegister
152 BenchmarkServer/ServerRegister-8
153          235516          2469 ns/op
          1808 B/op          34 allocs/
154 op
155 BenchmarkServer/ServerRegister.HTTP
156 BenchmarkServer/ServerRegister.HTTP-8
157          296888          2467 ns/op
          1808 B/op          34 allocs/
158 op
159 BenchmarkServer/ServeConnection
160 BenchmarkServer/ServeConnection-8
161          20948          31238 ns/op
           8 B/op           0 allocs/
162 op
163 BenchmarkServer/ServeConnection.HTTP
164 BenchmarkServer/ServeConnection.HTTP-8
165          28330          26203 ns/op
           7 B/op           0 allocs/
166 op
167 BenchmarkServer/ServeHTTP.POST
168 BenchmarkServer/ServeHTTP.POST-8
169          372403          2277 ns/op
          184 B/op          5 allocs/
170 op
171 BenchmarkServer/Heartbeat
172 BenchmarkServer/Heartbeat-8
173          7164          95470 ns/op
          5965 B/op          76 allocs/
174 op
175 BenchmarkServer/Heartbeat.HTTP
176 BenchmarkServer/Heartbeat.HTTP-8

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177          5974          92251 ns/op
      5999 B/op          75 allocs/
178 op
179 BenchmarkService
180 BenchmarkService/CreateService
181 BenchmarkService/CreateService-8
182          339176          2860 ns/op
      1696 B/op          31 allocs/
183 op
184 BenchmarkService/CreateMethod
185 BenchmarkService/CreateMethod-8
186          116267589          5.105 ns/op
           0 B/op           0 allocs/
187 op
188 BenchmarkService/CreateInput
189 BenchmarkService/CreateInput-8
190          19206268          28.01 ns/op
           16 B/op           1 allocs/
191 op
192 BenchmarkService/CreateOutput
193 BenchmarkService/CreateOutput-8
194          19150056          28.09 ns/op
           8 B/op           1 allocs/
195 op
196 BenchmarkService/Call
197 BenchmarkService/Call-8
198          1441770          431.3 ns/op
          120 B/op           6 allocs/
199 op
200 BenchmarkService/CallCounts
201 BenchmarkService/CallCounts-8
202          1000000000          0.3042 ns/op
           0 B/op           0 allocs/
203 op
204 PASS
205 ok      Distributed-RPC-Framework/test/benchmark
          76.775s
206
207 Process finished with the exit code 0
208

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