

File - driver

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1 C:\Users\chris\AppData\Local\Microsoft\WindowsApps\python3.8.exe C:/Users/chris/github-iu/
  p434/assignments/distributed-kv	driver.py -s
2 Node 3 started on 127.0.0.1:34568! Using sequential consistency...
3 Node 3 Verbose Logging Disabled!
4 Node 1 started on 127.0.0.1:34566! Using sequential consistency...
5 Node 1 Verbose Logging Disabled!
6 Node 2 started on 127.0.0.1:34567! Using sequential consistency...
7 Node 2 Verbose Logging Disabled!
8 Client 0 started with sequential consistency
9 Client 1 started with sequential consistency
10 Client 0 Node 1 - PUT turpis, libero
11 Client 0 Delay: 0.8388538545812123 seconds
12 Client 1 Node 1 - PUT lobortis, vulputate
13 Client 1 Delay: 0.5224382232854957 seconds
14 Client 1 Node 1 - GET lobortis -> Result vulputate --> Expected vulputate
15 Client 1 Node 2 - GET lobortis -> Result NULL --> Expected vulputate
16 Client 1 Node 3 - GET lobortis -> Result NULL --> Expected vulputate
17
18 Client 1 Node 1 - PUT nulla, Maecenas
19 Client 1 Delay: 0.821190561742274 seconds
20 Client 0 Node 1 - GET turpis -> Result libero --> Expected libero
21 Client 0 Node 2 - GET turpis -> Result libero --> Expected libero
22 Client 0 Node 3 - GET turpis -> Result libero --> Expected libero
23
24 Client 0 Node 1 - PUT magna, magna
25 Client 0 Delay: 1.170303339068285 seconds
26 Client 1 Node 1 - GET nulla -> Result Maecenas --> Expected Maecenas
27 Client 1 Node 2 - GET nulla -> Result NULL --> Expected Maecenas
28 Client 1 Node 3 - GET nulla -> Result NULL --> Expected Maecenas
29
30 Client 1 Node 1 - PUT Nulla, ipsum
31 Client 1 Delay: 0.9398366231726938 seconds
32 Client 0 Node 1 - GET magna -> Result magna --> Expected magna
33 Client 0 Node 2 - GET magna -> Result NULL --> Expected magna
34 Client 0 Node 3 - GET magna -> Result NULL --> Expected magna
35
36 Client 0 Node 1 - PUT tempus, Mauris
37 Client 0 Delay: 1.100968759413563 seconds
38 Client 1 Node 1 - GET Nulla -> Result ipsum --> Expected ipsum
39 Client 1 Node 2 - GET Nulla -> Result NULL --> Expected ipsum
40 Client 1 Node 3 - GET Nulla -> Result NULL --> Expected ipsum
41
42 Client 1 Node 1 - PUT sed, nec
43 Client 1 Delay: 0.6945887306288037 seconds
44 Client 1 Node 1 - GET sed -> Result nec --> Expected nec
45 Client 1 Node 2 - GET sed -> Result NULL --> Expected nec
46 Client 1 Node 3 - GET sed -> Result NULL --> Expected nec
47
48 Client 1 Node 1 - PUT tempus, elementum
49 Client 1 Delay: 0.7247494261282013 seconds
50 Client 0 Node 1 - GET tempus -> Result elementum --> Expected Mauris
51 Client 0 Node 2 - GET tempus -> Result NULL --> Expected Mauris
52 Client 0 Node 3 - GET tempus -> Result NULL --> Expected Mauris
53
54 Client 0 Node 1 - PUT nec, accumsan
55 Client 0 Delay: 1.0312668759269936 seconds
56 Client 1 Node 1 - GET tempus -> Result elementum --> Expected elementum
57 Client 1 Node 2 - GET tempus -> Result NULL --> Expected elementum
58 Client 1 Node 3 - GET tempus -> Result NULL --> Expected elementum
59
60 Client 1 Node 1 - PUT ornare, tempor
61 Client 1 Delay: 0.543455450750679 seconds
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62 Client 0 Node 1 - GET nec -> Result accumsan --> Expected accumsan
63 Client 0 Node 2 - GET nec -> Result NULL --> Expected accumsan
64 Client 0 Node 3 - GET nec -> Result NULL --> Expected accumsan
65
66 Client 0 Node 1 - PUT sapien, Suspendisse
67 Client 0 Delay: 1.1155416196424703 seconds
68 Client 1 Node 1 - GET ornare -> Result tempor --> Expected tempor
69 Client 1 Node 2 - GET ornare -> Result NULL --> Expected tempor
70 Client 1 Node 3 - GET ornare -> Result NULL --> Expected tempor
71
72 Client 1 Node 1 - PUT facilisis, Donec
73 Client 1 Delay: 0.6589473670289021 seconds
74 Client 1 Node 1 - GET facilisis -> Result Donec --> Expected Donec
75 Client 1 Node 2 - GET facilisis -> Result NULL --> Expected Donec
76 Client 1 Node 3 - GET facilisis -> Result NULL --> Expected Donec
77
78 Client 1 Node 1 - PUT elit, magna
79 Client 1 Delay: 0.5730649723560147 seconds
80 Client 0 Node 1 - GET sapien -> Result Suspendisse --> Expected Suspendisse
81 Client 0 Node 2 - GET sapien -> Result NULL --> Expected Suspendisse
82 Client 0 Node 3 - GET sapien -> Result NULL --> Expected Suspendisse
83
84 Client 0 Node 1 - PUT at, dolor
85 Client 0 Delay: 0.9180432621744019 seconds
86 Client 1 Node 1 - GET elit -> Result magna --> Expected magna
87 Client 1 Node 2 - GET elit -> Result NULL --> Expected magna
88 Client 1 Node 3 - GET elit -> Result NULL --> Expected magna
89
90 Client 1 Node 1 - PUT Suspendisse, eu
91 Client 1 Delay: 1.1780902986595216 seconds
92 Client 0 Node 1 - GET at -> Result dolor --> Expected dolor
93 Client 0 Node 2 - GET at -> Result NULL --> Expected dolor
94 Client 0 Node 3 - GET at -> Result NULL --> Expected dolor
95
96 Client 0 Node 1 - PUT interdum, pellentesque
97 Client 0 Delay: 0.6487336231006194 seconds
98 Client 1 Node 1 - GET Suspendisse -> Result eu --> Expected eu
99 Client 1 Node 2 - GET Suspendisse -> Result NULL --> Expected eu
100 Client 1 Node 3 - GET Suspendisse -> Result NULL --> Expected eu
101
102 Client 1 Node 1 - PUT purus, porta
103 Client 1 Delay: 0.967130045010062 seconds
104 Client 0 Node 1 - GET interdum -> Result pellentesque --> Expected pellentesque
105 Client 0 Node 2 - GET interdum -> Result NULL --> Expected pellentesque
106 Client 0 Node 3 - GET interdum -> Result NULL --> Expected pellentesque
107
108 Client 0 Node 1 - PUT fermentum, Duis
109 Client 0 Delay: 0.7004092112029199 seconds
110 Client 0 Node 1 - GET fermentum -> Result Duis --> Expected Duis
111 Client 0 Node 2 - GET fermentum -> Result NULL --> Expected Duis
112 Client 0 Node 3 - GET fermentum -> Result NULL --> Expected Duis
113
114 Client 0 Node 1 - PUT nulla, Nullam
115 Client 0 Delay: 0.6636178735305929 seconds
116 Client 1 Node 1 - GET purus -> Result porta --> Expected porta
117 Client 1 Node 2 - GET purus -> Result NULL --> Expected porta
118 Client 1 Node 3 - GET purus -> Result NULL --> Expected porta
119
120 Client 1 Node 1 - PUT cursus, vitae
121 Client 1 Delay: 1.067051210979248 seconds
122 Client 0 Node 1 - GET nulla -> Result Nullam --> Expected Nullam
123 Client 0 Node 2 - GET nulla -> Result Maecenas --> Expected Nullam
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124 Client 0 Node 3 - GET nulla -> Result Maecenas --> Expected Nullam
125
126 Client 0 Node 1 - PUT mauris, Vestibulum
127 Client 0 Delay: 0.5442843567906981 seconds
128 Client 1 Node 1 - GET cursus -> Result vitae --> Expected vitae
129 Client 1 Node 2 - GET cursus -> Result NULL --> Expected vitae
130 Client 1 Node 3 - GET cursus -> Result NULL --> Expected vitae
131
132 Client 1 Node 1 - PUT Nunc, Donec
133 Client 1 Delay: 1.1834497531975383 seconds
134 Client 0 Node 1 - GET mauris -> Result Vestibulum --> Expected Vestibulum
135 Client 0 Node 2 - GET mauris -> Result NULL --> Expected Vestibulum
136 Client 0 Node 3 - GET mauris -> Result NULL --> Expected Vestibulum
137
138 Client 0 Node 1 - PUT elementum, orci
139 Client 0 Delay: 1.1449396204468134 seconds
140 Client 0 Node 1 - GET elementum -> Result orci --> Expected orci
141 Client 0 Node 2 - GET elementum -> Result NULL --> Expected orci
142 Client 0 Node 3 - GET elementum -> Result NULL --> Expected orci
143
144 Client 0 Node 1 - PUT et, at
145 Client 0 Delay: 0.6312212167402685 seconds
146 Client 1 Node 1 - GET Nunc -> Result Donec --> Expected Donec
147 Client 1 Node 2 - GET Nunc -> Result NULL --> Expected Donec
148 Client 1 Node 3 - GET Nunc -> Result NULL --> Expected Donec
149
150 Client 1 Node 1 - PUT mattis, ut
151 Client 1 Delay: 1.0887050104183007 seconds
152 Client 0 Node 1 - GET et -> Result at --> Expected at
153 Client 0 Node 2 - GET et -> Result NULL --> Expected at
154 Client 0 Node 3 - GET et -> Result NULL --> Expected at
155
156 Client 0 Node 1 - PUT gravida, Etiam
157 Client 0 Delay: 0.5427885151814746 seconds
158 Client 1 Node 1 - GET mattis -> Result ut --> Expected ut
159 Client 1 Node 2 - GET mattis -> Result NULL --> Expected ut
160 Client 1 Node 3 - GET mattis -> Result NULL --> Expected ut
161
162 Client 1 Node 1 - PUT ligula, eget
163 Client 1 Delay: 0.7026318281282242 seconds
164 Client 0 Node 1 - GET gravida -> Result Etiam --> Expected Etiam
165 Client 0 Node 2 - GET gravida -> Result NULL --> Expected Etiam
166 Client 0 Node 3 - GET gravida -> Result NULL --> Expected Etiam
167
168 Client 0 Node 1 - PUT lacus, nonummy
169 Client 0 Delay: 0.9948852176464205 seconds
170 Client 1 Node 1 - GET ligula -> Result eget --> Expected eget
171 Client 1 Node 2 - GET ligula -> Result NULL --> Expected eget
172 Client 1 Node 3 - GET ligula -> Result NULL --> Expected eget
173
174 Client 1 Node 1 - PUT erat, mi
175 Client 1 Delay: 0.5226785961825405 seconds
176 Client 0 Node 1 - GET lacus -> Result nonummy --> Expected nonummy
177 Client 0 Node 2 - GET lacus -> Result NULL --> Expected nonummy
178 Client 0 Node 3 - GET lacus -> Result NULL --> Expected nonummy
179
180 Client 0 Node 1 - PUT malesuada, Aliquam
181 Client 0 Delay: 0.8469349253786417 seconds
182 Client 1 Node 1 - GET erat -> Result mi --> Expected mi
183 Client 1 Node 2 - GET erat -> Result NULL --> Expected mi
184 Client 1 Node 3 - GET erat -> Result NULL --> Expected mi
185
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186 Client 1 Node 1 - PUT blandit, risus
187 Client 1 Delay: 1.0189830910510613 seconds
188 Client 0 Node 1 - GET malesuada -> Result Aliquam --> Expected Aliquam
189 Client 0 Node 2 - GET malesuada -> Result NULL --> Expected Aliquam
190 Client 0 Node 3 - GET malesuada -> Result NULL --> Expected Aliquam
191
192 Client 0 Node 1 - PUT In, lorem
193 Client 0 Delay: 0.5605538382330708 seconds
194 Client 1 Node 1 - GET blandit -> Result risus --> Expected risus
195 Client 1 Node 2 - GET blandit -> Result NULL --> Expected risus
196 Client 1 Node 3 - GET blandit -> Result NULL --> Expected risus
197
198 Client 1 Node 1 - PUT varius, Morbi
199 Client 1 Delay: 0.723451268546648 seconds
200 Client 0 Node 1 - GET In -> Result lorem --> Expected lorem
201 Client 0 Node 2 - GET In -> Result NULL --> Expected lorem
202 Client 0 Node 3 - GET In -> Result NULL --> Expected lorem
203
204 Client 0 Node 1 - PUT Duis, euismod
205 Client 0 Delay: 0.7238447869783796 seconds
206 Client 1 Node 1 - GET varius -> Result Morbi --> Expected Morbi
207 Client 1 Node 2 - GET varius -> Result NULL --> Expected Morbi
208 Client 1 Node 3 - GET varius -> Result NULL --> Expected Morbi
209
210 Client 1 Node 1 - PUT Proin, a
211 Client 1 Delay: 1.0106262906984362 seconds
212 Client 0 Node 1 - GET Duis -> Result euismod --> Expected euismod
213 Client 0 Node 2 - GET Duis -> Result NULL --> Expected euismod
214 Client 0 Node 3 - GET Duis -> Result NULL --> Expected euismod
215
216 Client 0 Node 1 - PUT Aenean, Fusce
217 Client 0 Delay: 0.5137894862964174 seconds
218 Client 0 Node 1 - GET Aenean -> Result Fusce --> Expected Fusce
219 Client 0 Node 2 - GET Aenean -> Result NULL --> Expected Fusce
220 Client 0 Node 3 - GET Aenean -> Result NULL --> Expected Fusce
221
222 Client 0 Node 1 - PUT ipsum, in
223 Client 0 Delay: 0.8143868372263094 seconds
224 Client 1 Node 1 - GET Proin -> Result a --> Expected a
225 Client 1 Node 2 - GET Proin -> Result NULL --> Expected a
226 Client 1 Node 3 - GET Proin -> Result NULL --> Expected a
227
228 Client 1 Node 1 - PUT orci, eros
229 Client 1 Delay: 0.6603139921371965 seconds
230 Client 0 Node 1 - GET ipsum -> Result in --> Expected in
231 Client 0 Node 2 - GET ipsum -> Result NULL --> Expected in
232 Client 0 Node 3 - GET ipsum -> Result NULL --> Expected in
233
234 Client 0 Node 1 - PUT Vestibulum, ipsum
235 Client 0 Delay: 1.0522080273022278 seconds
236 Client 1 Node 1 - GET orci -> Result eros --> Expected eros
237 Client 1 Node 2 - GET orci -> Result NULL --> Expected eros
238 Client 1 Node 3 - GET orci -> Result NULL --> Expected eros
239
240 Client 1 Node 1 - PUT a, at
241 Client 1 Delay: 0.8072819960951174 seconds
242 Client 1 Node 1 - GET a -> Result at --> Expected at
243 Client 1 Node 2 - GET a -> Result NULL --> Expected at
244 Client 1 Node 3 - GET a -> Result NULL --> Expected at
245
246 Client 1 Node 1 - PUT magnis, aliquet
247 Client 1 Delay: 0.7986150989147525 seconds
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248 Client 0 Node 1 - GET Vestibulum -> Result ipsum --> Expected ipsum
249 Client 0 Node 2 - GET Vestibulum -> Result NULL --> Expected ipsum
250 Client 0 Node 3 - GET Vestibulum -> Result NULL --> Expected ipsum
251
252 Client 0 Node 1 - PUT Fusce, Nunc
253 Client 0 Delay: 1.069942962870303 seconds
254 Client 1 Node 1 - GET magnis -> Result aliquet --> Expected aliquet
255 Client 1 Node 2 - GET magnis -> Result NULL --> Expected aliquet
256 Client 1 Node 3 - GET magnis -> Result NULL --> Expected aliquet
257
258 Client 1 Node 1 - PUT Quisque, vitae
259 Client 1 Delay: 0.6459647686558112 seconds
260 Client 0 Node 1 - GET Fusce -> Result Nunc --> Expected Nunc
261 Client 0 Node 2 - GET Fusce -> Result NULL --> Expected Nunc
262 Client 0 Node 3 - GET Fusce -> Result NULL --> Expected Nunc
263
264 Client 0 Node 1 - PUT Integer, at
265 Client 0 Delay: 0.9711559895143109 seconds
266 Client 1 Node 1 - GET Quisque -> Result vitae --> Expected vitae
267 Client 1 Node 2 - GET Quisque -> Result NULL --> Expected vitae
268 Client 1 Node 3 - GET Quisque -> Result NULL --> Expected vitae
269
270 Client 1 Node 1 - PUT interdum, elementum
271 Client 1 Delay: 1.068257231528882 seconds
272 Client 0 Node 1 - GET Integer -> Result at --> Expected at
273 Client 0 Node 2 - GET Integer -> Result NULL --> Expected at
274 Client 0 Node 3 - GET Integer -> Result NULL --> Expected at
275
276 Client 0 Node 1 - PUT Aliquam, sem
277 Client 0 Delay: 0.9280917704255311 seconds
278 Client 1 Node 1 - GET interdum -> Result elementum --> Expected elementum
279 Client 1 Node 2 - GET interdum -> Result pellentesque --> Expected elementum
280 Client 1 Node 3 - GET interdum -> Result pellentesque --> Expected elementum
281
282 Client 1 Node 1 - PUT magna, magna
283 Client 1 Delay: 1.136548215724312 seconds
284 Client 0 Node 1 - GET Aliquam -> Result sem --> Expected sem
285 Client 0 Node 2 - GET Aliquam -> Result NULL --> Expected sem
286 Client 0 Node 3 - GET Aliquam -> Result NULL --> Expected sem
287
288 Client 0 Node 1 - PUT vel, sit
289 Client 0 Delay: 0.8697738921007645 seconds
290 Client 1 Node 1 - GET magna -> Result magna --> Expected magna
291 Client 1 Node 2 - GET magna -> Result magna --> Expected magna
292 Client 1 Node 3 - GET magna -> Result magna --> Expected magna
293
294 Client 1 Node 1 - PUT lorem, vel
295 Client 1 Delay: 0.6186049183829492 seconds
296 Client 0 Node 1 - GET vel -> Result sit --> Expected sit
297 Client 0 Node 2 - GET vel -> Result NULL --> Expected sit
298 Client 0 Node 3 - GET vel -> Result NULL --> Expected sit
299
300 Client 0 Node 1 - PUT lectus, semper
301 Client 0 Delay: 0.7754436186270546 seconds
302 Client 1 Node 1 - GET lorem -> Result vel --> Expected vel
303 Client 1 Node 2 - GET lorem -> Result NULL --> Expected vel
304 Client 1 Node 3 - GET lorem -> Result NULL --> Expected vel
305
306 Client 1 Node 1 - PUT Morbi, turpis
307 Client 1 Delay: 1.1618430569873017 seconds
308 Client 0 Node 1 - GET lectus -> Result semper --> Expected semper
309 Client 0 Node 2 - GET lectus -> Result NULL --> Expected semper
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310 Client 0 Node 3 - GET lectus -> Result NULL --> Expected semper
311
312 Client 0 Node 1 - PUT dignissim, eget
313 Client 0 Delay: 1.1530956861570947 seconds
314 Client 1 Node 1 - GET Morbi -> Result turpis --> Expected turpis
315 Client 1 Node 2 - GET Morbi -> Result NULL --> Expected turpis
316 Client 1 Node 3 - GET Morbi -> Result NULL --> Expected turpis
317
318 Client 1 Node 1 - PUT luctus, sem
319 Client 1 Delay: 0.5019919170270845 seconds
320 Client 0 Node 1 - GET dignissim -> Result eget --> Expected eget
321 Client 0 Node 2 - GET dignissim -> Result NULL --> Expected eget
322 Client 0 Node 3 - GET dignissim -> Result NULL --> Expected eget
323
324 Client 0 Node 1 - PUT Donec, ipsum
325 Client 0 Delay: 1.1468006904849313 seconds
326 Client 1 Node 1 - GET luctus -> Result sem --> Expected sem
327 Client 1 Node 2 - GET luctus -> Result NULL --> Expected sem
328 Client 1 Node 3 - GET luctus -> Result NULL --> Expected sem
329
330 Client 1 Node 1 - PUT sit, augue
331 Client 1 Delay: 1.0797321345807278 seconds
332 Client 1 Node 1 - GET sit -> Result augue --> Expected augue
333 Client 1 Node 2 - GET sit -> Result NULL --> Expected augue
334 Client 1 Node 3 - GET sit -> Result NULL --> Expected augue
335
336 Client 1 Node 1 - PUT et, dolor
337 Client 1 Delay: 0.5735566348120227 seconds
338 Client 0 Node 1 - GET Donec -> Result ipsum --> Expected ipsum
339 Client 0 Node 2 - GET Donec -> Result NULL --> Expected ipsum
340 Client 0 Node 3 - GET Donec -> Result NULL --> Expected ipsum
341
342 Client 0 Node 1 - PUT nascetur, convallis
343 Client 0 Delay: 0.6330694771837597 seconds
344 Client 1 Node 1 - GET et -> Result dolor --> Expected dolor
345 Client 1 Node 2 - GET et -> Result at --> Expected dolor
346 Client 1 Node 3 - GET et -> Result at --> Expected dolor
347
348 Client 1 Node 1 - PUT Donec, fringilla
349 Client 1 Delay: 1.1582363255674242 seconds
350 Client 0 Node 1 - GET nascetur -> Result convallis --> Expected convallis
351 Client 0 Node 2 - GET nascetur -> Result NULL --> Expected convallis
352 Client 0 Node 3 - GET nascetur -> Result NULL --> Expected convallis
353
354 Client 0 Node 1 - PUT mus, tristique
355 Client 0 Delay: 0.5375180934572288 seconds
356 Client 0 Node 1 - GET mus -> Result tristique --> Expected tristique
357 Client 0 Node 2 - GET mus -> Result NULL --> Expected tristique
358 Client 0 Node 3 - GET mus -> Result NULL --> Expected tristique
359
360 Client 0 Node 1 - PUT sed, vestibulum
361 Client 0 Delay: 1.1442123396795933 seconds
362 Client 1 Node 1 - GET Donec -> Result fringilla --> Expected fringilla
363 Client 1 Node 2 - GET Donec -> Result NULL --> Expected fringilla
364 Client 1 Node 3 - GET Donec -> Result NULL --> Expected fringilla
365
366 Client 1 Node 1 - PUT consectetur, nisi
367 Client 1 Delay: 1.1007422569400571 seconds
368 Client 0 Node 1 - GET sed -> Result vestibulum --> Expected vestibulum
369 Client 0 Node 2 - GET sed -> Result nec --> Expected vestibulum
370 Client 0 Node 3 - GET sed -> Result nec --> Expected vestibulum
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372 Client 0 Node 1 - PUT massa, mattis
373 Client 0 Delay: 0.7005454656087263 seconds
374 Client 1 Node 1 - GET consecetuer -> Result nisi --> Expected nisi
375 Client 1 Node 2 - GET consecetuer -> Result NULL --> Expected nisi
376 Client 1 Node 3 - GET consecetuer -> Result NULL --> Expected nisi
377
378 Client 1 Node 1 - PUT semper, Donec
379 Client 1 Delay: 0.6430255605198901 seconds
380 Client 0 Node 1 - GET massa -> Result mattis --> Expected mattis
381 Client 0 Node 2 - GET massa -> Result NULL --> Expected mattis
382 Client 0 Node 3 - GET massa -> Result NULL --> Expected mattis
383
384 Client 0 Node 1 - PUT dictum, eu
385 Client 0 Delay: 0.7855606278330738 seconds
386 Client 1 Node 1 - GET semper -> Result Donec --> Expected Donec
387 Client 1 Node 2 - GET semper -> Result NULL --> Expected Donec
388 Client 1 Node 3 - GET semper -> Result NULL --> Expected Donec
389
390 Client 1 Node 1 - PUT vel, non
391 Client 1 Delay: 0.7362142061590117 seconds
392 Client 0 Node 1 - GET dictum -> Result eu --> Expected eu
393 Client 0 Node 2 - GET dictum -> Result NULL --> Expected eu
394 Client 0 Node 3 - GET dictum -> Result NULL --> Expected eu
395
396 Client 0 Node 1 - PUT est, at
397 Client 0 Delay: 0.9112525330761388 seconds
398 Client 1 Node 1 - GET vel -> Result non --> Expected non
399 Client 1 Node 2 - GET vel -> Result NULL --> Expected non
400 Client 1 Node 3 - GET vel -> Result NULL --> Expected non
401
402 Client 1 Node 1 - PUT nec, ac
403 Client 1 Delay: 0.9365994410977976 seconds
404 Client 0 Node 1 - GET est -> Result at --> Expected at
405 Client 0 Node 2 - GET est -> Result NULL --> Expected at
406 Client 0 Node 3 - GET est -> Result NULL --> Expected at
407
408 Client 0 Node 1 - PUT ac, id
409 Client 0 Delay: 0.8264175658617623 seconds
410 Client 1 Node 1 - GET nec -> Result ac --> Expected ac
411 Client 1 Node 2 - GET nec -> Result accumsan --> Expected ac
412 Client 1 Node 3 - GET nec -> Result accumsan --> Expected ac
413
414 Client 1 Node 1 - PUT Pellentesque, nec
415 Client 1 Delay: 1.138787087743018 seconds
416 Client 0 Node 1 - GET ac -> Result id --> Expected id
417 Client 0 Node 2 - GET ac -> Result NULL --> Expected id
418 Client 0 Node 3 - GET ac -> Result NULL --> Expected id
419
420 Client 0 Node 1 - PUT Maecenas, Suspendisse
421 Client 0 Delay: 0.8051233363776298 seconds
422 Client 1 Node 1 - GET Pellentesque -> Result nec --> Expected nec
423 Client 1 Node 2 - GET Pellentesque -> Result NULL --> Expected nec
424 Client 1 Node 3 - GET Pellentesque -> Result NULL --> Expected nec
425
426 Client 1 Node 1 - PUT scelerisque, augue
427 Client 1 Delay: 0.7688701960972916 seconds
428 Client 0 Node 1 - GET Maecenas -> Result Suspendisse --> Expected Suspendisse
429 Client 0 Node 2 - GET Maecenas -> Result NULL --> Expected Suspendisse
430 Client 0 Node 3 - GET Maecenas -> Result NULL --> Expected Suspendisse
431
432 Client 0 Node 1 - PUT vitae, mauris
433 Client 0 Delay: 0.8480753041683876 seconds
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434 Client 1 Node 1 - GET scelerisque -> Result augue --> Expected augue
435 Client 1 Node 2 - GET scelerisque -> Result NULL --> Expected augue
436 Client 1 Node 3 - GET scelerisque -> Result NULL --> Expected augue
437
438 Client 1 Node 1 - PUT fringilla, Quisque
439 Client 1 Delay: 0.9368895844723251 seconds
440 Client 0 Node 1 - GET vitae -> Result mauris --> Expected mauris
441 Client 0 Node 2 - GET vitae -> Result NULL --> Expected mauris
442 Client 0 Node 3 - GET vitae -> Result NULL --> Expected mauris
443
444 Client 0 Node 1 - PUT leo, in
445 Client 0 Delay: 0.9366318091295713 seconds
446 Client 1 Node 1 - GET fringilla -> Result Quisque --> Expected Quisque
447 Client 1 Node 2 - GET fringilla -> Result NULL --> Expected Quisque
448 Client 1 Node 3 - GET fringilla -> Result NULL --> Expected Quisque
449
450 Client 1 Node 1 - PUT metus, Morbi
451 Client 1 Delay: 0.7493617496259719 seconds
452 Client 0 Node 1 - GET leo -> Result in --> Expected in
453 Client 0 Node 2 - GET leo -> Result NULL --> Expected in
454 Client 0 Node 3 - GET leo -> Result NULL --> Expected in
455
456 Client 0 Node 1 - PUT iaculis, pharetra
457 Client 0 Delay: 1.146626965939551 seconds
458 Client 1 Node 1 - GET metus -> Result Morbi --> Expected Morbi
459 Client 1 Node 2 - GET metus -> Result NULL --> Expected Morbi
460 Client 1 Node 3 - GET metus -> Result NULL --> Expected Morbi
461
462 Client 1 Node 1 - PUT ut, nonummy
463 Client 1 Delay: 1.140179386634485 seconds
464 Client 0 Node 1 - GET iaculis -> Result pharetra --> Expected pharetra
465 Client 0 Node 2 - GET iaculis -> Result NULL --> Expected pharetra
466 Client 0 Node 3 - GET iaculis -> Result NULL --> Expected pharetra
467
468 Client 0 Node 1 - PUT ultrices, Suspendisse
469 Client 0 Delay: 0.7226586501974007 seconds
470 Client 1 Node 1 - GET ut -> Result nonummy --> Expected nonummy
471 Client 1 Node 2 - GET ut -> Result NULL --> Expected nonummy
472 Client 1 Node 3 - GET ut -> Result NULL --> Expected nonummy
473
474 Client 1 Node 1 - PUT augue, magna
475 Client 1 Delay: 1.1450444658255228 seconds
476 Client 0 Node 1 - GET ultrices -> Result Suspendisse --> Expected Suspendisse
477 Client 0 Node 2 - GET ultrices -> Result NULL --> Expected Suspendisse
478 Client 0 Node 3 - GET ultrices -> Result NULL --> Expected Suspendisse
479
480 Client 0 Node 1 - PUT tellus, est
481 Client 0 Delay: 0.7971702740567261 seconds
482 Client 0 Node 1 - GET tellus -> Result est --> Expected est
483 Client 0 Node 2 - GET tellus -> Result NULL --> Expected est
484 Client 0 Node 3 - GET tellus -> Result NULL --> Expected est
485
486 Client 0 Node 1 - PUT nibh, fermentum
487 Client 0 Delay: 0.8343786624454392 seconds
488 Client 1 Node 1 - GET augue -> Result magna --> Expected magna
489 Client 1 Node 2 - GET augue -> Result NULL --> Expected magna
490 Client 1 Node 3 - GET augue -> Result NULL --> Expected magna
491
492 Client 1 Node 1 - PUT dictum, sem
493 Client 1 Delay: 0.5829699064862303 seconds
494 Client 1 Node 1 - GET dictum -> Result sem --> Expected sem
495 Client 1 Node 2 - GET dictum -> Result NULL --> Expected sem
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496 Client 1 Node 3 - GET dictum -> Result NULL --> Expected sem
497
498 Client 1 Node 1 - PUT eget, lectus
499 Client 1 Delay: 1.178713848298747 seconds
500 Client 0 Node 1 - GET nibh -> Result fermentum --> Expected fermentum
501 Client 0 Node 2 - GET nibh -> Result NULL --> Expected fermentum
502 Client 0 Node 3 - GET nibh -> Result NULL --> Expected fermentum
503
504 Client 0 Node 1 - PUT eleifend, cursus
505 Client 0 Delay: 0.575313699809829 seconds
506 Client 0 Node 1 - GET eleifend -> Result cursus --> Expected cursus
507 Client 0 Node 2 - GET eleifend -> Result NULL --> Expected cursus
508 Client 0 Node 3 - GET eleifend -> Result NULL --> Expected cursus
509
510 Client 0 Node 1 - PUT Suspendisse, Sed
511 Client 0 Delay: 0.5583758289908081 seconds
512 Client 1 Node 1 - GET eget -> Result lectus --> Expected lectus
513 Client 1 Node 2 - GET eget -> Result NULL --> Expected lectus
514 Client 1 Node 3 - GET eget -> Result NULL --> Expected lectus
515
516 Client 1 Node 1 - PUT molestie, lorem
517 Client 1 Delay: 0.7340209361061887 seconds
518 Client 0 Node 1 - GET Suspendisse -> Result Sed --> Expected Sed
519 Client 0 Node 2 - GET Suspendisse -> Result eu --> Expected Sed
520 Client 0 Node 3 - GET Suspendisse -> Result eu --> Expected Sed
521
522 Client 0 Node 1 - PUT ut, amet
523 Client 0 Delay: 0.9103421235340715 seconds
524 Client 1 Node 1 - GET molestie -> Result lorem --> Expected lorem
525 Client 1 Node 2 - GET molestie -> Result NULL --> Expected lorem
526 Client 1 Node 3 - GET molestie -> Result NULL --> Expected lorem
527
528 Client 1 Node 1 - PUT Nam, sit
529 Client 1 Delay: 0.7671798070914241 seconds
530 Client 0 Node 1 - GET ut -> Result amet --> Expected amet
531 Client 0 Node 2 - GET ut -> Result NULL --> Expected amet
532 Client 0 Node 3 - GET ut -> Result NULL --> Expected amet
533
534 Client 0 Node 1 - PUT venenatis, orci
535 Client 0 Delay: 0.7145393472383205 seconds
536 Client 1 Node 1 - GET Nam -> Result sit --> Expected sit
537 Client 1 Node 2 - GET Nam -> Result NULL --> Expected sit
538 Client 1 Node 3 - GET Nam -> Result NULL --> Expected sit
539
540 Waiting for update queues to finish for 30 seconds
541 Client 0 Node 1 - GET venenatis -> Result orci --> Expected orci
542 Client 0 Node 2 - GET venenatis -> Result NULL --> Expected orci
543 Client 0 Node 3 - GET venenatis -> Result NULL --> Expected orci
544
545 Client 0 Node 1 - PUT Nunc, ultricies
546 Client 0 Delay: 0.6741147731624448 seconds
547 Client 0 Node 1 - GET Nunc -> Result ultricies --> Expected ultricies
548 Client 0 Node 2 - GET Nunc -> Result Donec --> Expected ultricies
549 Client 0 Node 3 - GET Nunc -> Result Donec --> Expected ultricies
550
551 Waiting for update queues to finish for 30 seconds
552 Client 1 Node 1 - REMOVE lobortis -> Result vulputate
553 Client 1 Delay: 0.8187581236404707 seconds
554 Client 1 Node 1 - GET lobortis -> Result NULL --> Expected NULL
555 Client 1 Node 2 - GET lobortis -> Result vulputate --> Expected NULL
556 Client 1 Node 3 - GET lobortis -> Result vulputate --> Expected NULL
557
```

File - driver

```
558 Client 1 Node 1 - REMOVE nulla -> Result Nullam
559 Client 1 Delay: 0.7292732600614915 seconds
560 Client 0 Node 1 - REMOVE turpis -> Result libero
561 Client 0 Delay: 1.182862284094057 seconds
562 Client 1 Node 1 - GET nulla -> Result NULL --> Expected NULL
563 Client 1 Node 2 - GET nulla -> Result Nullam --> Expected NULL
564 Client 1 Node 3 - GET nulla -> Result Nullam --> Expected NULL
565
566 Client 1 Node 1 - REMOVE Nulla -> Result ipsum
567 Client 1 Delay: 0.7398882200505579 seconds
568 Client 0 Node 1 - GET turpis -> Result NULL --> Expected NULL
569 Client 0 Node 2 - GET turpis -> Result libero --> Expected NULL
570 Client 0 Node 3 - GET turpis -> Result libero --> Expected NULL
571
572 Client 0 Node 1 - REMOVE magna -> Result magna
573 Client 0 Delay: 0.7304802187798007 seconds
574 Client 1 Node 1 - GET Nulla -> Result NULL --> Expected NULL
575 Client 1 Node 2 - GET Nulla -> Result ipsum --> Expected NULL
576 Client 1 Node 3 - GET Nulla -> Result ipsum --> Expected NULL
577
578 Client 1 Node 1 - REMOVE sed -> Result vestibulum
579 Client 1 Delay: 1.196695356440633 seconds
580 Client 0 Node 1 - GET magna -> Result NULL --> Expected NULL
581 Client 0 Node 2 - GET magna -> Result magna --> Expected NULL
582 Client 0 Node 3 - GET magna -> Result magna --> Expected NULL
583
584 Client 0 Node 1 - REMOVE tempus -> Result elementum
585 Client 0 Delay: 0.6186530688080405 seconds
586 Client 0 Node 1 - GET tempus -> Result NULL --> Expected NULL
587 Client 0 Node 2 - GET tempus -> Result elementum --> Expected NULL
588 Client 0 Node 3 - GET tempus -> Result elementum --> Expected NULL
589
590 Client 0 Node 1 - REMOVE nec -> Result ac
591 Client 0 Delay: 0.717363945999629 seconds
592 Client 1 Node 1 - GET sed -> Result NULL --> Expected NULL
593 Client 1 Node 2 - GET sed -> Result vestibulum --> Expected NULL
594 Client 1 Node 3 - GET sed -> Result vestibulum --> Expected NULL
595
596 Client 1 Node 1 - REMOVE tempus -> Result NULL
597 Client 1 Delay: 0.8120539874449899 seconds
598 Client 0 Node 1 - GET nec -> Result NULL --> Expected NULL
599 Client 0 Node 2 - GET nec -> Result ac --> Expected NULL
600 Client 0 Node 3 - GET nec -> Result ac --> Expected NULL
601
602 Client 0 Node 1 - REMOVE sapien -> Result Suspendisse
603 Client 0 Delay: 0.7101474746934064 seconds
604 Client 1 Node 1 - GET tempus -> Result NULL --> Expected NULL
605 Client 1 Node 2 - GET tempus -> Result elementum --> Expected NULL
606 Client 1 Node 3 - GET tempus -> Result elementum --> Expected NULL
607
608 Client 1 Node 1 - REMOVE ornare -> Result tempor
609 Client 1 Delay: 0.5094565278785091 seconds
610 Client 0 Node 1 - GET sapien -> Result NULL --> Expected NULL
611 Client 0 Node 2 - GET sapien -> Result Suspendisse --> Expected NULL
612 Client 0 Node 3 - GET sapien -> Result Suspendisse --> Expected NULL
613
614 Client 0 Node 1 - REMOVE at -> Result dolor
615 Client 0 Delay: 1.0780650439173391 seconds
616 Client 1 Node 1 - GET ornare -> Result NULL --> Expected NULL
617 Client 1 Node 2 - GET ornare -> Result tempor --> Expected NULL
618 Client 1 Node 3 - GET ornare -> Result tempor --> Expected NULL
619
```

File - driver

```
620 Client 1 Node 1 - REMOVE facilisis -> Result Donec
621 Client 1 Delay: 0.744524610653693 seconds
622 Client 1 Node 1 - GET facilisis -> Result NULL --> Expected NULL
623 Client 1 Node 2 - GET facilisis -> Result Donec --> Expected NULL
624 Client 1 Node 3 - GET facilisis -> Result Donec --> Expected NULL
625
626 Client 1 Node 1 - REMOVE elit -> Result magna
627 Client 1 Delay: 0.7708078379351783 seconds
628 Client 0 Node 1 - GET at -> Result NULL --> Expected NULL
629 Client 0 Node 2 - GET at -> Result dolor --> Expected NULL
630 Client 0 Node 3 - GET at -> Result dolor --> Expected NULL
631
632 Client 0 Node 1 - REMOVE interdum -> Result elementum
633 Client 0 Delay: 1.132505061471206 seconds
634 Client 1 Node 1 - GET elit -> Result NULL --> Expected NULL
635 Client 1 Node 2 - GET elit -> Result magna --> Expected NULL
636 Client 1 Node 3 - GET elit -> Result magna --> Expected NULL
637
638 Client 1 Node 1 - REMOVE Suspendisse -> Result Sed
639 Client 1 Delay: 1.0251654528904564 seconds
640 Client 0 Node 1 - GET interdum -> Result NULL --> Expected NULL
641 Client 0 Node 2 - GET interdum -> Result elementum --> Expected NULL
642 Client 0 Node 3 - GET interdum -> Result elementum --> Expected NULL
643
644 Client 0 Node 1 - REMOVE fermentum -> Result Duis
645 Client 0 Delay: 0.8987118657691617 seconds
646 Client 1 Node 1 - GET Suspendisse -> Result NULL --> Expected NULL
647 Client 1 Node 2 - GET Suspendisse -> Result Sed --> Expected NULL
648 Client 1 Node 3 - GET Suspendisse -> Result Sed --> Expected NULL
649
650 Client 1 Node 1 - REMOVE purus -> Result porta
651 Client 1 Delay: 0.8899482990996503 seconds
652 Client 0 Node 1 - GET fermentum -> Result NULL --> Expected NULL
653 Client 0 Node 2 - GET fermentum -> Result Duis --> Expected NULL
654 Client 0 Node 3 - GET fermentum -> Result Duis --> Expected NULL
655
656 Client 0 Node 1 - REMOVE nulla -> Result NULL
657 Client 0 Delay: 1.1923469842937569 seconds
658 Client 1 Node 1 - GET purus -> Result NULL --> Expected NULL
659 Client 1 Node 2 - GET purus -> Result porta --> Expected NULL
660 Client 1 Node 3 - GET purus -> Result porta --> Expected NULL
661
662 Client 1 Node 1 - REMOVE cursus -> Result vitae
663 Client 1 Delay: 0.577057248355032 seconds
664 Client 1 Node 1 - GET cursus -> Result NULL --> Expected NULL
665 Client 1 Node 2 - GET cursus -> Result vitae --> Expected NULL
666 Client 1 Node 3 - GET cursus -> Result vitae --> Expected NULL
667
668 Client 1 Node 1 - REMOVE Nunc -> Result ultricies
669 Client 1 Delay: 1.1071266272342815 seconds
670 Client 0 Node 1 - GET nulla -> Result NULL --> Expected NULL
671 Client 0 Node 2 - GET nulla -> Result NULL --> Expected NULL
672 Client 0 Node 3 - GET nulla -> Result NULL --> Expected NULL
673
674 Client 0 Node 1 - REMOVE mauris -> Result Vestibulum
675 Client 0 Delay: 0.6299652948059454 seconds
676 Client 0 Node 1 - GET mauris -> Result NULL --> Expected NULL
677 Client 0 Node 2 - GET mauris -> Result Vestibulum --> Expected NULL
678 Client 0 Node 3 - GET mauris -> Result Vestibulum --> Expected NULL
679
680 Client 0 Node 1 - REMOVE elementum -> Result orci
681 Client 0 Delay: 1.1264985518617954 seconds
```

File - driver

```
682 Client 1 Node 1 - GET Nunc -> Result NULL --> Expected NULL
683 Client 1 Node 2 - GET Nunc -> Result ultricies --> Expected NULL
684 Client 1 Node 3 - GET Nunc -> Result ultricies --> Expected NULL
685
686 Client 1 Node 1 - REMOVE mattis -> Result ut
687 Client 1 Delay: 0.5821213309174306 seconds
688 Client 1 Node 1 - GET mattis -> Result NULL --> Expected NULL
689 Client 1 Node 2 - GET mattis -> Result ut --> Expected NULL
690 Client 1 Node 3 - GET mattis -> Result ut --> Expected NULL
691
692 Client 1 Node 1 - REMOVE ligula -> Result eget
693 Client 1 Delay: 0.5138176865314169 seconds
694 Client 0 Node 1 - GET elementum -> Result NULL --> Expected NULL
695 Client 0 Node 2 - GET elementum -> Result orci --> Expected NULL
696 Client 0 Node 3 - GET elementum -> Result orci --> Expected NULL
697
698 Client 0 Node 1 - REMOVE et -> Result dolor
699 Client 0 Delay: 0.9749137202439762 seconds
700 Client 1 Node 1 - GET ligula -> Result NULL --> Expected NULL
701 Client 1 Node 2 - GET ligula -> Result eget --> Expected NULL
702 Client 1 Node 3 - GET ligula -> Result eget --> Expected NULL
703
704 Client 1 Node 1 - REMOVE erat -> Result mi
705 Client 1 Delay: 0.7085880296167211 seconds
706 Client 1 Node 1 - GET erat -> Result NULL --> Expected NULL
707 Client 1 Node 2 - GET erat -> Result mi --> Expected NULL
708 Client 1 Node 3 - GET erat -> Result mi --> Expected NULL
709
710 Client 1 Node 1 - REMOVE blandit -> Result risus
711 Client 1 Delay: 0.7828775345951673 seconds
712 Client 0 Node 1 - GET et -> Result NULL --> Expected NULL
713 Client 0 Node 2 - GET et -> Result dolor --> Expected NULL
714 Client 0 Node 3 - GET et -> Result dolor --> Expected NULL
715
716 Client 0 Node 1 - REMOVE gravida -> Result Etiam
717 Client 0 Delay: 0.7845629554353406 seconds
718 Client 1 Node 1 - GET blandit -> Result NULL --> Expected NULL
719 Client 1 Node 2 - GET blandit -> Result risus --> Expected NULL
720 Client 1 Node 3 - GET blandit -> Result risus --> Expected NULL
721
722 Client 1 Node 1 - REMOVE varius -> Result Morbi
723 Client 1 Delay: 0.8421662655798328 seconds
724 Client 0 Node 1 - GET gravida -> Result NULL --> Expected NULL
725 Client 0 Node 2 - GET gravida -> Result Etiam --> Expected NULL
726 Client 0 Node 3 - GET gravida -> Result Etiam --> Expected NULL
727
728 Client 0 Node 1 - REMOVE lacus -> Result nonummy
729 Client 0 Delay: 1.079793049035679 seconds
730 Client 1 Node 1 - GET varius -> Result NULL --> Expected NULL
731 Client 1 Node 2 - GET varius -> Result Morbi --> Expected NULL
732 Client 1 Node 3 - GET varius -> Result Morbi --> Expected NULL
733
734 Client 1 Node 1 - REMOVE Proin -> Result a
735 Client 1 Delay: 0.8216173502232273 seconds
736 Client 0 Node 1 - GET lacus -> Result NULL --> Expected NULL
737 Client 0 Node 2 - GET lacus -> Result nonummy --> Expected NULL
738 Client 0 Node 3 - GET lacus -> Result nonummy --> Expected NULL
739
740 Client 0 Node 1 - REMOVE malesuada -> Result Aliquam
741 Client 0 Delay: 0.6982550129868337 seconds
742 Client 1 Node 1 - GET Proin -> Result NULL --> Expected NULL
743 Client 1 Node 2 - GET Proin -> Result a --> Expected NULL
```

File - driver

```
744 Client 1 Node 3 - GET Proin -> Result a --> Expected NULL
745
746 Client 1 Node 1 - REMOVE orci -> Result eros
747 Client 1 Delay: 1.1055171526934888 seconds
748 Client 0 Node 1 - GET malesuada -> Result NULL --> Expected NULL
749 Client 0 Node 2 - GET malesuada -> Result Aliquam --> Expected NULL
750 Client 0 Node 3 - GET malesuada -> Result Aliquam --> Expected NULL
751
752 Client 0 Node 1 - REMOVE In -> Result lorem
753 Client 0 Delay: 1.1094654142495097 seconds
754 Client 1 Node 1 - GET orci -> Result NULL --> Expected NULL
755 Client 1 Node 2 - GET orci -> Result eros --> Expected NULL
756 Client 1 Node 3 - GET orci -> Result eros --> Expected NULL
757
758 Client 1 Node 1 - REMOVE a -> Result at
759 Client 1 Delay: 0.7759927933358968 seconds
760 Client 0 Node 1 - GET In -> Result NULL --> Expected NULL
761 Client 0 Node 2 - GET In -> Result lorem --> Expected NULL
762 Client 0 Node 3 - GET In -> Result lorem --> Expected NULL
763
764 Client 0 Node 1 - REMOVE Duis -> Result euismod
765 Client 0 Delay: 0.8306933365000233 seconds
766 Client 1 Node 1 - GET a -> Result NULL --> Expected NULL
767 Client 1 Node 2 - GET a -> Result at --> Expected NULL
768 Client 1 Node 3 - GET a -> Result at --> Expected NULL
769
770 Client 1 Node 1 - REMOVE magnis -> Result aliquet
771 Client 1 Delay: 1.1233011440592138 seconds
772 Client 0 Node 1 - GET Duis -> Result NULL --> Expected NULL
773 Client 0 Node 2 - GET Duis -> Result euismod --> Expected NULL
774 Client 0 Node 3 - GET Duis -> Result euismod --> Expected NULL
775
776 Client 0 Node 1 - REMOVE Aenean -> Result Fusce
777 Client 0 Delay: 1.0389299087128534 seconds
778 Client 1 Node 1 - GET magnis -> Result NULL --> Expected NULL
779 Client 1 Node 2 - GET magnis -> Result aliquet --> Expected NULL
780 Client 1 Node 3 - GET magnis -> Result aliquet --> Expected NULL
781
782 Client 1 Node 1 - REMOVE Quisque -> Result vitae
783 Client 1 Delay: 1.155639568568447 seconds
784 Client 0 Node 1 - GET Aenean -> Result NULL --> Expected NULL
785 Client 0 Node 2 - GET Aenean -> Result Fusce --> Expected NULL
786 Client 0 Node 3 - GET Aenean -> Result Fusce --> Expected NULL
787
788 Client 0 Node 1 - REMOVE ipsum -> Result in
789 Client 0 Delay: 0.6207035632520352 seconds
790 Client 0 Node 1 - GET ipsum -> Result NULL --> Expected NULL
791 Client 0 Node 2 - GET ipsum -> Result in --> Expected NULL
792 Client 0 Node 3 - GET ipsum -> Result in --> Expected NULL
793
794 Client 0 Node 1 - REMOVE Vestibulum -> Result ipsum
795 Client 0 Delay: 0.8031737159405128 seconds
796 Client 1 Node 1 - GET Quisque -> Result NULL --> Expected NULL
797 Client 1 Node 2 - GET Quisque -> Result vitae --> Expected NULL
798 Client 1 Node 3 - GET Quisque -> Result vitae --> Expected NULL
799
800 Client 1 Node 1 - REMOVE interdum -> Result NULL
801 Client 1 Delay: 0.9762875258937437 seconds
802 Client 0 Node 1 - GET Vestibulum -> Result NULL --> Expected NULL
803 Client 0 Node 2 - GET Vestibulum -> Result ipsum --> Expected NULL
804 Client 0 Node 3 - GET Vestibulum -> Result ipsum --> Expected NULL
805
```

File - driver

```
806 Client 0 Node 1 - REMOVE Fusce -> Result Nunc
807 Client 0 Delay: 1.1915559784459435 seconds
808 Client 1 Node 1 - GET interdum -> Result NULL --> Expected NULL
809 Client 1 Node 2 - GET interdum -> Result NULL --> Expected NULL
810 Client 1 Node 3 - GET interdum -> Result NULL --> Expected NULL
811
812 Client 1 Node 1 - REMOVE magna -> Result NULL
813 Client 1 Delay: 0.8051353530943945 seconds
814 Client 0 Node 1 - GET Fusce -> Result NULL --> Expected NULL
815 Client 0 Node 2 - GET Fusce -> Result Nunc --> Expected NULL
816 Client 0 Node 3 - GET Fusce -> Result Nunc --> Expected NULL
817
818 Client 0 Node 1 - REMOVE Integer -> Result at
819 Client 0 Delay: 0.7321843075033985 seconds
820 Client 1 Node 1 - GET magna -> Result NULL --> Expected NULL
821 Client 1 Node 2 - GET magna -> Result NULL --> Expected NULL
822 Client 1 Node 3 - GET magna -> Result NULL --> Expected NULL
823
824 Client 1 Node 1 - REMOVE lorem -> Result vel
825 Client 1 Delay: 0.6393347833649474 seconds
826 Client 0 Node 1 - GET Integer -> Result NULL --> Expected NULL
827 Client 0 Node 2 - GET Integer -> Result at --> Expected NULL
828 Client 0 Node 3 - GET Integer -> Result at --> Expected NULL
829
830 Client 0 Node 1 - REMOVE Aliquam -> Result sem
831 Client 0 Delay: 0.8021061129740987 seconds
832 Client 1 Node 1 - GET lorem -> Result NULL --> Expected NULL
833 Client 1 Node 2 - GET lorem -> Result vel --> Expected NULL
834 Client 1 Node 3 - GET lorem -> Result vel --> Expected NULL
835
836 Client 1 Node 1 - REMOVE Morbi -> Result turpis
837 Client 1 Delay: 1.1172048679558821 seconds
838 Client 0 Node 1 - GET Aliquam -> Result NULL --> Expected NULL
839 Client 0 Node 2 - GET Aliquam -> Result sem --> Expected NULL
840 Client 0 Node 3 - GET Aliquam -> Result sem --> Expected NULL
841
842 Client 0 Node 1 - REMOVE vel -> Result non
843 Client 0 Delay: 0.9206309258434388 seconds
844 Client 1 Node 1 - GET Morbi -> Result NULL --> Expected NULL
845 Client 1 Node 2 - GET Morbi -> Result turpis --> Expected NULL
846 Client 1 Node 3 - GET Morbi -> Result turpis --> Expected NULL
847
848 Client 1 Node 1 - REMOVE luctus -> Result sem
849 Client 1 Delay: 1.1348121179594284 seconds
850 Client 0 Node 1 - GET vel -> Result NULL --> Expected NULL
851 Client 0 Node 2 - GET vel -> Result non --> Expected NULL
852 Client 0 Node 3 - GET vel -> Result non --> Expected NULL
853
854 Client 0 Node 1 - REMOVE lectus -> Result semper
855 Client 0 Delay: 0.5040564144445283 seconds
856 Client 0 Node 1 - GET lectus -> Result NULL --> Expected NULL
857 Client 0 Node 2 - GET lectus -> Result semper --> Expected NULL
858 Client 0 Node 3 - GET lectus -> Result semper --> Expected NULL
859
860 Client 0 Node 1 - REMOVE dignissim -> Result eget
861 Client 0 Delay: 1.085484461406042 seconds
862 Client 1 Node 1 - GET luctus -> Result NULL --> Expected NULL
863 Client 1 Node 2 - GET luctus -> Result sem --> Expected NULL
864 Client 1 Node 3 - GET luctus -> Result sem --> Expected NULL
865
866 Client 1 Node 1 - REMOVE sit -> Result augue
867 Client 1 Delay: 1.1938798200265555 seconds
```

File - driver

```
868 Client 0 Node 1 - GET dignissim -> Result NULL --> Expected NULL
869 Client 0 Node 2 - GET dignissim -> Result eget --> Expected NULL
870 Client 0 Node 3 - GET dignissim -> Result eget --> Expected NULL
871
872 Client 0 Node 1 - REMOVE Donec -> Result fringilla
873 Client 0 Delay: 1.1499620460242044 seconds
874 Client 1 Node 1 - GET sit -> Result NULL --> Expected NULL
875 Client 1 Node 2 - GET sit -> Result augue --> Expected NULL
876 Client 1 Node 3 - GET sit -> Result augue --> Expected NULL
877
878 Client 1 Node 1 - REMOVE et -> Result NULL
879 Client 1 Delay: 0.619902881325141 seconds
880 Client 1 Node 1 - GET et -> Result NULL --> Expected NULL
881 Client 1 Node 2 - GET et -> Result NULL --> Expected NULL
882 Client 1 Node 3 - GET et -> Result NULL --> Expected NULL
883
884 Client 1 Node 1 - REMOVE Donec -> Result NULL
885 Client 1 Delay: 0.507981702833271 seconds
886 Client 0 Node 1 - GET Donec -> Result NULL --> Expected NULL
887 Client 0 Node 2 - GET Donec -> Result fringilla --> Expected NULL
888 Client 0 Node 3 - GET Donec -> Result fringilla --> Expected NULL
889
890 Client 0 Node 1 - REMOVE nascetur -> Result convallis
891 Client 0 Delay: 0.7245033286976088 seconds
892 Client 1 Node 1 - GET Donec -> Result NULL --> Expected NULL
893 Client 1 Node 2 - GET Donec -> Result fringilla --> Expected NULL
894 Client 1 Node 3 - GET Donec -> Result fringilla --> Expected NULL
895
896 Client 1 Node 1 - REMOVE consectetur -> Result nisi
897 Client 1 Delay: 0.733788290684477 seconds
898 Client 0 Node 1 - GET nascetur -> Result NULL --> Expected NULL
899 Client 0 Node 2 - GET nascetur -> Result convallis --> Expected NULL
900 Client 0 Node 3 - GET nascetur -> Result convallis --> Expected NULL
901
902 Client 0 Node 1 - REMOVE mus -> Result tristique
903 Client 0 Delay: 0.811014082202743 seconds
904 Client 1 Node 1 - GET consectetur -> Result NULL --> Expected NULL
905 Client 1 Node 2 - GET consectetur -> Result nisi --> Expected NULL
906 Client 1 Node 3 - GET consectetur -> Result nisi --> Expected NULL
907
908 Client 1 Node 1 - REMOVE semper -> Result Donec
909 Client 1 Delay: 0.790748310912687 seconds
910 Client 0 Node 1 - GET mus -> Result NULL --> Expected NULL
911 Client 0 Node 2 - GET mus -> Result tristique --> Expected NULL
912 Client 0 Node 3 - GET mus -> Result tristique --> Expected NULL
913
914 Client 0 Node 1 - REMOVE sed -> Result NULL
915 Client 0 Delay: 1.0508760445832124 seconds
916 Client 1 Node 1 - GET semper -> Result NULL --> Expected NULL
917 Client 1 Node 2 - GET semper -> Result Donec --> Expected NULL
918 Client 1 Node 3 - GET semper -> Result Donec --> Expected NULL
919
920 Client 1 Node 1 - REMOVE vel -> Result NULL
921 Client 1 Delay: 1.0942101566236186 seconds
922 Client 0 Node 1 - GET sed -> Result NULL --> Expected NULL
923 Client 0 Node 2 - GET sed -> Result NULL --> Expected NULL
924 Client 0 Node 3 - GET sed -> Result NULL --> Expected NULL
925
926 Client 0 Node 1 - REMOVE massa -> Result mattis
927 Client 0 Delay: 0.7413324872021692 seconds
928 Client 1 Node 1 - GET vel -> Result NULL --> Expected NULL
929 Client 1 Node 2 - GET vel -> Result NULL --> Expected NULL
```

File - driver

```
930 Client 1 Node 3 - GET vel -> Result NULL --> Expected NULL
931
932 Client 1 Node 1 - REMOVE nec -> Result NULL
933 Client 1 Delay: 0.5746125029918243 seconds
934 Client 0 Node 1 - GET massa -> Result NULL --> Expected NULL
935 Client 0 Node 2 - GET massa -> Result mattis --> Expected NULL
936 Client 0 Node 3 - GET massa -> Result mattis --> Expected NULL
937
938 Client 0 Node 1 - REMOVE dictum -> Result sem
939 Client 0 Delay: 0.8632585336129517 seconds
940 Client 1 Node 1 - GET nec -> Result NULL --> Expected NULL
941 Client 1 Node 2 - GET nec -> Result NULL --> Expected NULL
942 Client 1 Node 3 - GET nec -> Result NULL --> Expected NULL
943
944 Client 1 Node 1 - REMOVE Pellentesque -> Result nec
945 Client 1 Delay: 0.7328850112709537 seconds
946 Client 1 Node 1 - GET Pellentesque -> Result NULL --> Expected NULL
947 Client 1 Node 2 - GET Pellentesque -> Result nec --> Expected NULL
948 Client 1 Node 3 - GET Pellentesque -> Result nec --> Expected NULL
949
950 Client 1 Node 1 - REMOVE scelerisque -> Result augue
951 Client 1 Delay: 1.1661073952452945 seconds
952 Client 0 Node 1 - GET dictum -> Result NULL --> Expected NULL
953 Client 0 Node 2 - GET dictum -> Result sem --> Expected NULL
954 Client 0 Node 3 - GET dictum -> Result sem --> Expected NULL
955
956 Client 0 Node 1 - REMOVE est -> Result at
957 Client 0 Delay: 0.558784606217106 seconds
958 Client 0 Node 1 - GET est -> Result NULL --> Expected NULL
959 Client 0 Node 2 - GET est -> Result at --> Expected NULL
960 Client 0 Node 3 - GET est -> Result at --> Expected NULL
961
962 Client 0 Node 1 - REMOVE ac -> Result id
963 Client 0 Delay: 0.9493856997381045 seconds
964 Client 1 Node 1 - GET scelerisque -> Result NULL --> Expected NULL
965 Client 1 Node 2 - GET scelerisque -> Result augue --> Expected NULL
966 Client 1 Node 3 - GET scelerisque -> Result augue --> Expected NULL
967
968 Client 1 Node 1 - REMOVE fringilla -> Result Quisque
969 Client 1 Delay: 0.5351051835402111 seconds
970 Client 0 Node 1 - GET ac -> Result NULL --> Expected NULL
971 Client 0 Node 2 - GET ac -> Result id --> Expected NULL
972 Client 0 Node 3 - GET ac -> Result id --> Expected NULL
973
974 Client 0 Node 1 - REMOVE Maecenas -> Result Suspendisse
975 Client 0 Delay: 0.9086938392026016 seconds
976 Client 1 Node 1 - GET fringilla -> Result NULL --> Expected NULL
977 Client 1 Node 2 - GET fringilla -> Result Quisque --> Expected NULL
978 Client 1 Node 3 - GET fringilla -> Result Quisque --> Expected NULL
979
980 Client 1 Node 1 - REMOVE metus -> Result Morbi
981 Client 1 Delay: 0.7770969565786294 seconds
982 Client 1 Node 1 - GET metus -> Result NULL --> Expected NULL
983 Client 1 Node 2 - GET metus -> Result Morbi --> Expected NULL
984 Client 1 Node 3 - GET metus -> Result Morbi --> Expected NULL
985
986 Client 1 Node 1 - REMOVE ut -> Result amet
987 Client 1 Delay: 0.6586197964604225 seconds
988 Client 0 Node 1 - GET Maecenas -> Result NULL --> Expected NULL
989 Client 0 Node 2 - GET Maecenas -> Result Suspendisse --> Expected NULL
990 Client 0 Node 3 - GET Maecenas -> Result Suspendisse --> Expected NULL
991
```

File - driver

```
992 Client 0 Node 1 - REMOVE vitae -> Result mauris
993 Client 0 Delay: 0.8065442550698881 seconds
994 Client 1 Node 1 - GET ut -> Result NULL --> Expected NULL
995 Client 1 Node 2 - GET ut -> Result amet --> Expected NULL
996 Client 1 Node 3 - GET ut -> Result amet --> Expected NULL
997
998 Client 1 Node 1 - REMOVE augue -> Result magna
999 Client 1 Delay: 1.0953181512435093 seconds
1000 Client 0 Node 1 - GET vitae -> Result NULL --> Expected NULL
1001 Client 0 Node 2 - GET vitae -> Result mauris --> Expected NULL
1002 Client 0 Node 3 - GET vitae -> Result mauris --> Expected NULL
1003
1004 Client 0 Node 1 - REMOVE leo -> Result in
1005 Client 0 Delay: 0.86914783870527 seconds
1006 Client 0 Node 1 - GET leo -> Result NULL --> Expected NULL
1007 Client 0 Node 2 - GET leo -> Result in --> Expected NULL
1008 Client 0 Node 3 - GET leo -> Result in --> Expected NULL
1009
1010 Client 0 Node 1 - REMOVE iaculis -> Result pharetra
1011 Client 0 Delay: 1.134285372729288 seconds
1012 Client 1 Node 1 - GET augue -> Result NULL --> Expected NULL
1013 Client 1 Node 2 - GET augue -> Result magna --> Expected NULL
1014 Client 1 Node 3 - GET augue -> Result magna --> Expected NULL
1015
1016 Client 1 Node 1 - REMOVE dictum -> Result NULL
1017 Client 1 Delay: 0.9866276576927759 seconds
1018 Client 1 Node 1 - GET dictum -> Result NULL --> Expected NULL
1019 Client 1 Node 2 - GET dictum -> Result NULL --> Expected NULL
1020 Client 1 Node 3 - GET dictum -> Result NULL --> Expected NULL
1021
1022 Client 1 Node 1 - REMOVE eget -> Result lectus
1023 Client 1 Delay: 0.6797433825772538 seconds
1024 Client 0 Node 1 - GET iaculis -> Result NULL --> Expected NULL
1025 Client 0 Node 2 - GET iaculis -> Result pharetra --> Expected NULL
1026 Client 0 Node 3 - GET iaculis -> Result pharetra --> Expected NULL
1027
1028 Client 0 Node 1 - REMOVE ultrices -> Result Suspendisse
1029 Client 0 Delay: 0.8385834947619145 seconds
1030 Client 1 Node 1 - GET eget -> Result NULL --> Expected NULL
1031 Client 1 Node 2 - GET eget -> Result lectus --> Expected NULL
1032 Client 1 Node 3 - GET eget -> Result lectus --> Expected NULL
1033
1034 Client 1 Node 1 - REMOVE molestie -> Result lorem
1035 Client 1 Delay: 0.83935510381884 seconds
1036 Client 0 Node 1 - GET ultrices -> Result NULL --> Expected NULL
1037 Client 0 Node 2 - GET ultrices -> Result Suspendisse --> Expected NULL
1038 Client 0 Node 3 - GET ultrices -> Result Suspendisse --> Expected NULL
1039
1040 Client 0 Node 1 - REMOVE tellus -> Result est
1041 Client 0 Delay: 1.1012858268277013 seconds
1042 Client 1 Node 1 - GET molestie -> Result NULL --> Expected NULL
1043 Client 1 Node 2 - GET molestie -> Result lorem --> Expected NULL
1044 Client 1 Node 3 - GET molestie -> Result lorem --> Expected NULL
1045
1046 Client 1 Node 1 - REMOVE Nam -> Result sit
1047 Client 1 Delay: 1.0617944299854298 seconds
1048 Client 0 Node 1 - GET tellus -> Result NULL --> Expected NULL
1049 Client 0 Node 2 - GET tellus -> Result est --> Expected NULL
1050 Client 0 Node 3 - GET tellus -> Result est --> Expected NULL
1051
1052 Client 0 Node 1 - REMOVE nibh -> Result fermentum
1053 Client 0 Delay: 1.1196410245908812 seconds
```

File - driver

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1054 Client 1 Node 1 - GET Nam -> Result NULL --> Expected NULL
1055 Client 1 Node 2 - GET Nam -> Result sit --> Expected NULL
1056 Client 1 Node 3 - GET Nam -> Result sit --> Expected NULL
1057
1058 Client 0 Node 1 - GET nibh -> Result NULL --> Expected NULL
1059 Client 0 Node 2 - GET nibh -> Result fermentum --> Expected NULL
1060 Client 0 Node 3 - GET nibh -> Result fermentum --> Expected NULL
1061
1062 Client 0 Node 1 - REMOVE eleifend -> Result cursus
1063 Client 0 Delay: 1.0574938520534518 seconds
1064 Client 0 Node 1 - GET eleifend -> Result NULL --> Expected NULL
1065 Client 0 Node 2 - GET eleifend -> Result cursus --> Expected NULL
1066 Client 0 Node 3 - GET eleifend -> Result cursus --> Expected NULL
1067
1068 Client 0 Node 1 - REMOVE Suspendisse -> Result NULL
1069 Client 0 Delay: 0.5299982672884823 seconds
1070 Client 0 Node 1 - GET Suspendisse -> Result NULL --> Expected NULL
1071 Client 0 Node 2 - GET Suspendisse -> Result NULL --> Expected NULL
1072 Client 0 Node 3 - GET Suspendisse -> Result NULL --> Expected NULL
1073
1074 Client 0 Node 1 - REMOVE ut -> Result NULL
1075 Client 0 Delay: 1.108071995297983 seconds
1076 Client 0 Node 1 - GET ut -> Result NULL --> Expected NULL
1077 Client 0 Node 2 - GET ut -> Result NULL --> Expected NULL
1078 Client 0 Node 3 - GET ut -> Result NULL --> Expected NULL
1079
1080 Client 0 Node 1 - REMOVE venenatis -> Result orci
1081 Client 0 Delay: 0.6664955480323416 seconds
1082 Client 0 Node 1 - GET venenatis -> Result NULL --> Expected NULL
1083 Client 0 Node 2 - GET venenatis -> Result orci --> Expected NULL
1084 Client 0 Node 3 - GET venenatis -> Result orci --> Expected NULL
1085
1086 Client 0 Node 1 - REMOVE Nunc -> Result NULL
1087 Client 0 Delay: 1.1435444768632705 seconds
1088 Client 0 Node 1 - GET Nunc -> Result NULL --> Expected NULL
1089 Client 0 Node 2 - GET Nunc -> Result NULL --> Expected NULL
1090 Client 0 Node 3 - GET Nunc -> Result NULL --> Expected NULL
1091
1092 Killed Client 1 with sequential consistency
1093 Killed Client 2 with sequential consistency
1094 Killed KV Node 1 with sequential consistency...
1095 Killed KV Node 2 with sequential consistency...
1096 Killed KV Node 3 with sequential consistency...
1097
1098 Process finished with exit code 0
1099
```