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dengoswei fix example/membase_paxoskv

c51b920 on Aug 27, 2017

[1 contributor](#)

Raw

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History



91 lines (69 sloc) 1.68 KB

```
1  syntax = "proto2";
2
3  package paxos;
4
5  enum ErrorCode {
6      OK = 0;
7
8      UNCOMMITTED_INDEX = 1;
9      NO_TIMEOUT_INDEX = 2;
10
11      BUSY = -100;
12
13      INVALID_INDEX = -200;
14
15      STORAGE_READ_ERROR = -300;
16      STORAGE_WRITE_ERROR = -310;
17  }
18
19  enum MessageType {
20      UNKOWN = 0;
21      NOOP = 1;
22      PROP = 2;
23      PROP_RSP = 3;
24      ACCPT = 4;
25      ACCPT_RSP = 5;
26
27      CHOSEN = 6;
28
29      CATCHUP = 10;
30      BEGIN_PROP = 11;
31      TRY_PROP = 12;
32
33      FAST_ACCPT = 13;
34      FAST_ACCPT_RSP = 14;
35      BEGIN_FAST_PROP = 15;
36
37      GET_CHOSEN = 20;
38      TRY_REDO_PROP = 21;
39
40      ERROR = -1;
41  }
42
43  message DBData {
44      required uint64 version = 1;
45      required uint32 flag = 2;
46      required bytes value = 3;
47      optional uint32 timestamp = 4;
48  };
49
50  message Entry {
51      required uint64 reqid = 1;
52      required bytes data = 2;
```

```
53 }
54
55 message Message {
56     required MessageType type = 1;
57     required uint32 from = 2;
58     required uint32 to = 3;
59
60     required string key = 4;
61     required uint64 index = 5;
62     required uint64 proposed_num = 6;
63
64     optional uint64 promised_num = 7;
65     optional uint64 accepted_num = 8;
66     optional Entry accepted_value = 9;
67
68     optional uint32 timestamp = 10;
69 }
70
71 message PaxosInstance {
72     required uint64 index = 1;
73     optional uint64 proposed_num = 2;
74     optional uint64 promised_num = 3;
75     optional uint64 accepted_num = 4;
76     optional Entry accepted_value = 5;
77     optional uint64 timestamp = 7; // ms
78     optional bool chosen = 8; // chosen flag
79 }
80
81 message PaxosLogHeader {
82     required uint64 max_index = 1;
83     required uint64 chosen_index = 2;
84     required uint64 reqid = 3;
85     required uint64 version = 4;
86 }
87
88 message PaxosLog {
89     repeated PaxosInstance entries = 1;
90 }
```