

thuduyen07 / raft

Code Pull requests Actions Projects Wiki Security Insights Settings

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✓ change electionTimeout from 150ms to 300ms #9

[Re-run all jobs](#)

Summary

Jobs

build

Run details

Usage

Workflow file

build succeeded 1 hour ago in 1m 6s

Search logs

Set up job 3s

Run actions/checkout@v3 1s

Set up Go 2s

Test Part 1 42s

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build
succeeded 1 hour ago in 1m 6s

Set up job 3s
Run actions/checkout@v3 1s
Set up Go 2s
Test Part 1 42s

▶ Run cd part1
/home/runner/work/raft/raft/part1
go: downloading github.com/fortyw2/leaktest v1.3.0
--- RUN TestElectionFollowerComesBack
07:36:53.096802 [0] listening at [:]
07:36:53.097114 [1] listening at [:]
07:36:53.097324 [2] listening at [:]
07:36:53.100019 [1] election timer started (574ms), term=0
07:36:53.100047 [2] election timer started (507ms), term=0
07:36:53.100101 [0] election timer started (463ms), term=0
07:36:53.570909 [0] becomes Candidate (currentTerm=1); log= []
07:36:53.571115 [0] election timer started (486ms), term=1
07:36:53.571230 [0] sending RequestVote to 2: {Term:1 CandidateId:0 LastLogIndex:0 LastLogTerm:0}
07:36:53.571891 [0] sending RequestVote to 1: {Term:1 CandidateId:0 LastLogIndex:0 LastLogTerm:0}
07:36:53.576194 [2] RequestVote: {Term:1 CandidateId:0 LastLogIndex:0 LastLogTerm:0} [currentTerm=0, votedFor=-1]
07:36:53.576225 [2] ... term out of date in RequestVote
07:36:53.576242 [2] becomes Follower with term=1; log= []
07:36:53.576415 [2] ... RequestVote reply: &{Term:1 VoteGranted:true}
07:36:53.576549 [2] election timer started (308ms), term=1
07:36:53.577443 [0] received RequestVoteReply {Term:1 VoteGranted:true}
07:36:53.577472 [0] wins election with 2 votes
07:36:53.577489 [0] becomes Leader; term=1, log= []
07:36:53.577609 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.578057 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.579268 [1] RequestVote: {Term:1 CandidateId:0 LastLogIndex:0 LastLogTerm:0} [currentTerm=0, votedFor=-1]
07:36:53.579291 [1] ... term out of date in RequestVote
07:36:53.579308 [1] becomes Follower with term=1; log= []
07:36:53.579375 [1] ... RequestVote reply: &{Term:1 VoteGranted:true}
07:36:53.579562 [1] election timer started (587ms), term=1
07:36:53.579842 [0] received RequestVoteReply {Term:1 VoteGranted:true}
07:36:53.579868 [0] while waiting for reply, state = Leader
07:36:53.581176 [1] in election timer term changed from 0 to 1, bailing out
07:36:53.581212 [0] in election timer state=Leader, bailing out
07:36:53.581266 [2] in election timer term changed from 0 to 1, bailing out
07:36:53.581346 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.581387 [2] AppendEntries reply: {Term:1 Success:true}
07:36:53.581635 [1] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.581660 [1] AppendEntries reply: {Term:1 Success:true}
07:36:53.628033 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.628061 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.629627 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.629660 [2] AppendEntries reply: {Term:1 Success:true}
07:36:53.632021 [1] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.632058 [1] AppendEntries reply: {Term:1 Success:true}
07:36:53.678272 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.678273 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.683174 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.683214 [2] AppendEntries reply: {Term:1 Success:true}
07:36:53.683319 [1] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.683353 [1] AppendEntries reply: {Term:1 Success:true}
07:36:53.702451 [TEST] Disconnect 1
07:36:53.727657 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.727657 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.729144 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.729173 [2] AppendEntries reply: {Term:1 Success:true}
07:36:53.777751 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.777751 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.780914 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.780953 [2] AppendEntries reply: {Term:1 Success:true}
07:36:53.828044 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.828045 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.832874 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.832904 [2] AppendEntries reply: {Term:1 Success:true}
07:36:53.878807 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.878807 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.882958 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.882958 [2] AppendEntries reply: {Term:1 Success:true}
07:36:53.928197 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.928198 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.929858 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.929900 [2] AppendEntries reply: {Term:1 Success:true}
07:36:53.978595 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.978617 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.981366 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:53.981400 [2] AppendEntries reply: {Term:1 Success:true}
07:36:54.028240 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:54.028243 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
07:36:54.033899 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}

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84 07:36:54.033938 [2] AppendEntries reply: {Term:1 Success:true}
85 07:36:54.078941 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
86 07:36:54.080218 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
87 07:36:54.082016 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
88 07:36:54.082054 [2] AppendEntries reply: {Term:1 Success:true}
89 07:36:54.128562 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
90 07:36:54.128570 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
91 07:36:54.133517 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
92 07:36:54.133673 [2] AppendEntries reply: {Term:1 Success:true}
93 07:36:54.178585 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
94 07:36:54.178586 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
95 07:36:54.183510 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
96 07:36:54.183628 [2] AppendEntries reply: {Term:1 Success:true}
97 07:36:54.228640 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
98 07:36:54.228644 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
99 07:36:54.234827 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
100 07:36:54.234954 [2] AppendEntries reply: {Term:1 Success:true}
101 07:36:54.277670 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
102 07:36:54.278234 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
103 07:36:54.279974 [1] becomes Candidate (currentTerm=2); log=[]
104 07:36:54.280289 [1] sending RequestVote to 0: {Term:2 CandidateId:1 LastlogIndex:0 LastlogTerm:0}
105 07:36:54.280301 [1] sending RequestVote to 2: {Term:2 CandidateId:1 LastlogIndex:0 LastlogTerm:0}
106 07:36:54.280629 [1] election timer started (409ms), term=2
107 07:36:54.284381 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
108 07:36:54.284412 [2] AppendEntries reply: {Term:1 Success:true}
109 07:36:54.327687 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
110 07:36:54.327720 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
111 07:36:54.329706 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
112 07:36:54.330024 [2] AppendEntries reply: {Term:1 Success:true}
113 07:36:54.353759 [TEST] Reconnect 1
114 07:36:54.377675 [0] sending AppendEntries to 1: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
115 07:36:54.378103 [0] sending AppendEntries to 2: ni=0, args={Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
116 07:36:54.379956 [2] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
117 07:36:54.380203 [2] AppendEntries reply: {Term:1 Success:true}
118 07:36:54.382984 [1] AppendEntries: {Term:1 LeaderId:0 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
119 07:36:54.383016 [1] AppendEntries reply: {Term:2 Success:false}
120 07:36:54.383802 [0] term out of date in heartbeat reply
121 07:36:54.383830 [0] becomes Follower with term=2; log=[]
122 07:36:54.383936 [0] election timer started (469ms), term=2
123 07:36:54.691483 [1] becomes Candidate (currentTerm=3); log=[]
124 07:36:54.691790 [1] sending RequestVote to 0: {Term:3 CandidateId:1 LastlogIndex:0 LastlogTerm:0}
125 07:36:54.692183 [1] election timer started (507ms), term=3
126 07:36:54.692206 [1] sending RequestVote to 2: {Term:3 CandidateId:1 LastlogIndex:0 LastlogTerm:0}
127 07:36:54.696485 [2] RequestVote: {Term:3 CandidateId:1 LastlogIndex:0 LastlogTerm:0} [currentTerm=1, votedFor=0]
128 07:36:54.696529 [2] ... term out of date in RequestVote
129 07:36:54.696549 [2] becomes Follower with term=3; log=[]
130 07:36:54.696669 [2] ... RequestVote reply: &{Term:3 VoteGranted:true}
131 07:36:54.696880 [2] election timer started (528ms), term=3
132 07:36:54.696924 [2] in election timer term changed from 1 to 3, bailing out
133 07:36:54.697241 [1] received RequestVoteReply: {Term:3 VoteGranted:true}
134 07:36:54.697264 [1] wins election with 2 votes
135 07:36:54.697279 [1] becomes Leader; term=3, log=[]
136 07:36:54.697351 [1] sending AppendEntries to 2: ni=0, args={Term:3 LeaderId:1 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
137 07:36:54.697700 [1] sending AppendEntries to 0: ni=0, args={Term:3 LeaderId:1 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
138 07:36:54.698202 [0] RequestVote: {Term:3 CandidateId:1 LastlogIndex:0 LastlogTerm:0} [currentTerm=2, votedFor=-1]
139 07:36:54.698280 [0] ... term out of date in RequestVote
140 07:36:54.698305 [0] becomes Follower with term=3; log=[]
141 07:36:54.698370 [0] ... RequestVote reply: &{Term:3 VoteGranted:true}
142 07:36:54.698560 [0] election timer started (352ms), term=3
143 07:36:54.698837 [1] received RequestVoteReply: {Term:3 VoteGranted:true}
144 07:36:54.698862 [1] while waiting for reply, state = Leader
145 07:36:54.701876 [2] AppendEntries: {Term:3 LeaderId:1 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
146 07:36:54.701976 [2] AppendEntries reply: {Term:3 Success:true}
147 07:36:54.702249 [1] in election timer state=Leader, bailing out
148 07:36:54.704433 [0] AppendEntries: {Term:3 LeaderId:1 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
149 07:36:54.704470 [0] AppendEntries reply: {Term:3 Success:true}
150 07:36:54.704596 [0] in election timer term changed from 2 to 3, bailing out
151 07:36:54.747562 [1] sending AppendEntries to 2: ni=0, args={Term:3 LeaderId:1 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
152 07:36:54.747574 [1] sending AppendEntries to 0: ni=0, args={Term:3 LeaderId:1 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
153 07:36:54.750497 [0] AppendEntries: {Term:3 LeaderId:1 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
154 07:36:54.750533 [0] AppendEntries reply: {Term:3 Success:true}
155 07:36:54.753913 [2] AppendEntries: {Term:3 LeaderId:1 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
156 07:36:54.754044 [2] AppendEntries reply: {Term:3 Success:true}
157 07:36:54.798491 [1] sending AppendEntries to 2: ni=0, args={Term:3 LeaderId:1 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
158 07:36:54.798492 [1] sending AppendEntries to 0: ni=0, args={Term:3 LeaderId:1 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
159 07:36:54.800169 [2] AppendEntries: {Term:3 LeaderId:1 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
160 07:36:54.800203 [2] AppendEntries reply: {Term:3 Success:true}
161 07:36:54.801520 [0] AppendEntries: {Term:3 LeaderId:1 PrevLogIndex:0 PrevLogTerm:0 Entries:[] LeaderCommit:0}
162 07:36:54.801549 [0] AppendEntries reply: {Term:3 Success:true}
163 07:36:54.807361 [0] becomes Dead
164 07:36:54.807414 [1] becomes Dead
165 07:36:54.807470 [2] becomes Dead
166 07:36:54.809719 [0] in election timer state=Dead, bailing out
167 07:36:54.818144 [2] in election timer state=Dead, bailing out
168 --- PASS: TestElectionFollowerComesBack (1.76s)
169 PASS
170 ok      github.com/eliben/raft 1.796s
171 PASS TestElectionFollowerComesBack map@:true 1:true 2:true TEST:true] ; entries: 158
172 ... Emitted file:///tmp/TestElectionFollowerComesBack.html
173
174 PASS

```

Upload artifact for Test Part 1

1 ► Run actions/upload-artifact@v3

6 Warning: No files were found with the provided path: ./results/TestElectionFollowerComesBack.html. No artifacts will be uploaded.

> Test Part 2

> Post Set up Go

0s

16s

0s

> Post Run actions/checkout@v3

0s

> Complete job

0s