

Election in Google Chubby (3)

- Why **safe**?
 - Essentially, each potential leader tries to reach a *quorum*
 - Since any two quorums intersect, and each server votes at most once, cannot have two leaders elected simultaneously
- Why **live**?
 - Only eventually live! Failures may keep happening so that no leader is ever elected
 - In practice: elections take a few seconds.
Worst-case noticed by Google: 30 s

