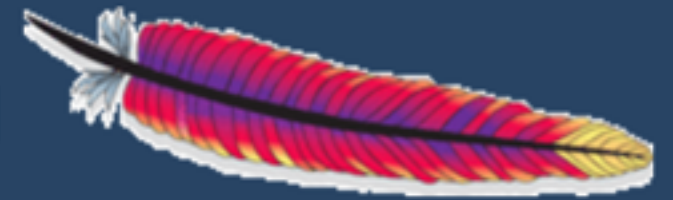




Apache ZooKeeper™



IN CLUSTER SCHEDULING

**BECAUSE COORDINATING
DISTRIBUTED SYSTEMS IS A
ZOO**

zookeeper.apache.org

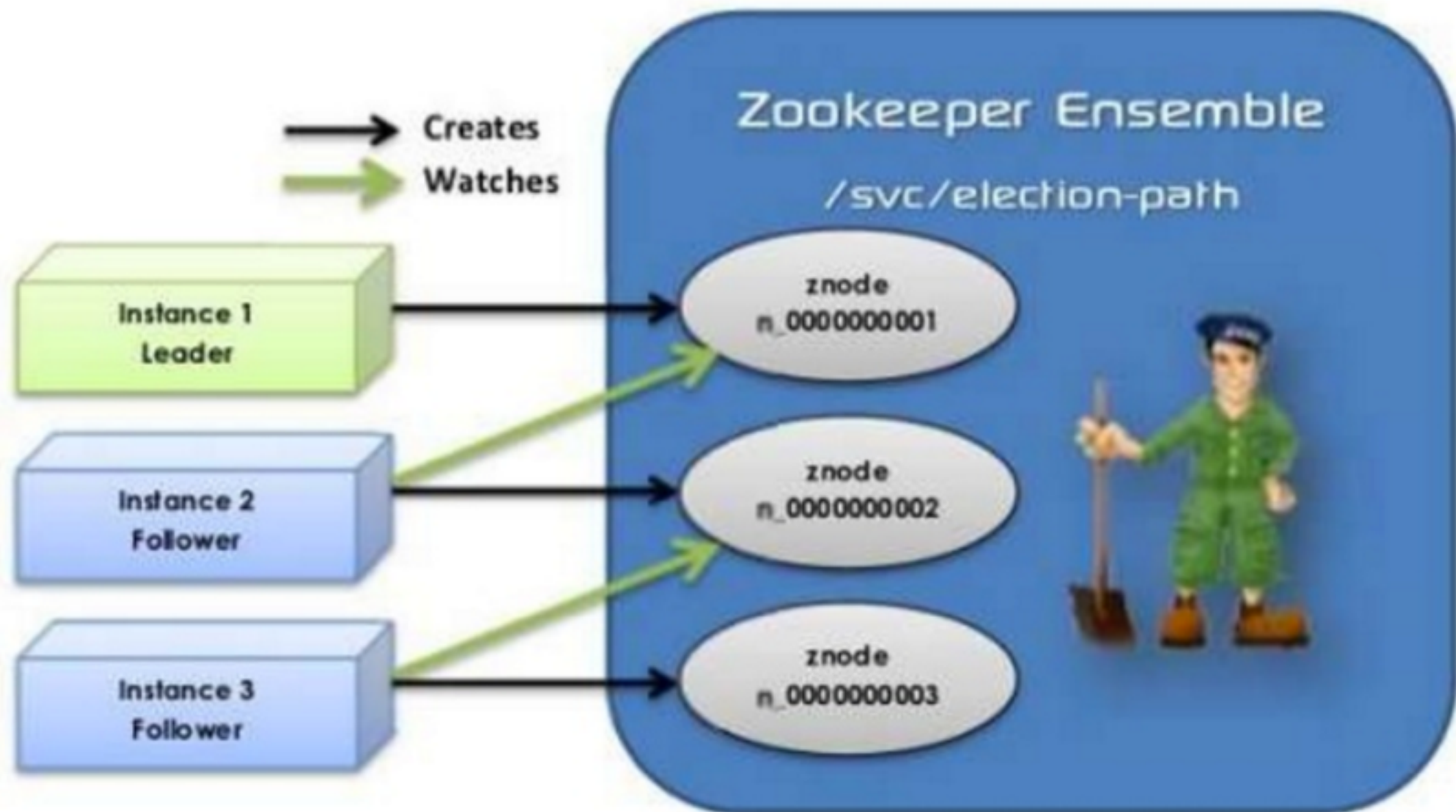
BASIC COMMANDS

1. `cd {ZOOKEEPER_HOME}/bin`
2. `./zkCli.sh -server softleader.com.tw:2181`
3. `ls /`
4. `create /training "initial"`
5. `ls /training true`
6. `create -e -s /training/my-znode-`
7. `stat /training true`
8. `set /training "junk"`

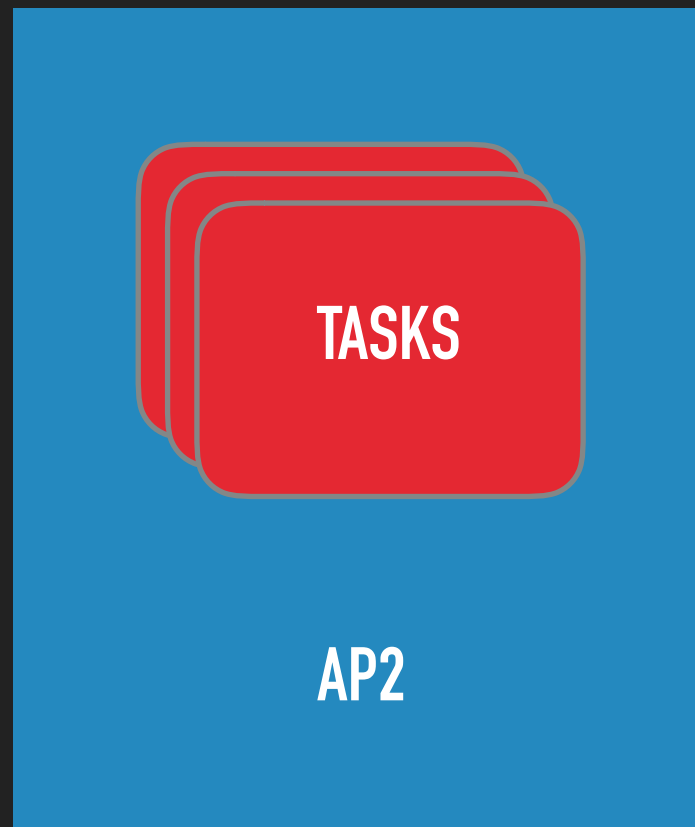
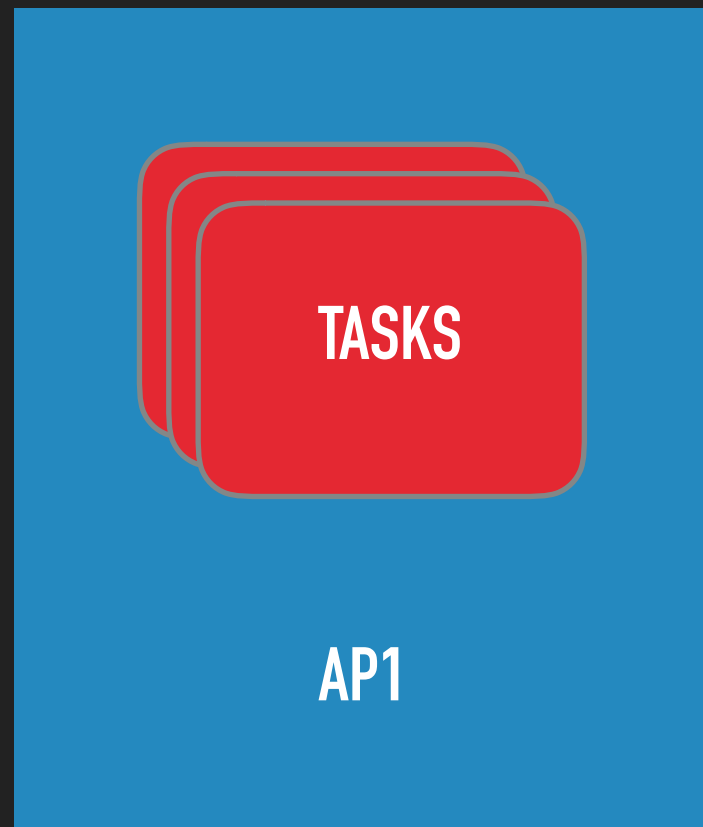
1. Create znode z with path "ELECTION/guid-n_" with both SEQUENCE and EPHEMERAL flags;
2. Let C be the children of "ELECTION", and i be the sequence number of z ;
3. Watch for changes on "ELECTION/guid-n_j", where j is the largest sequence number such that $j < i$ and n_j is a znode in C ;

http://zookeeper.apache.org/doc/trunk/recipes.html#sc_leaderElection

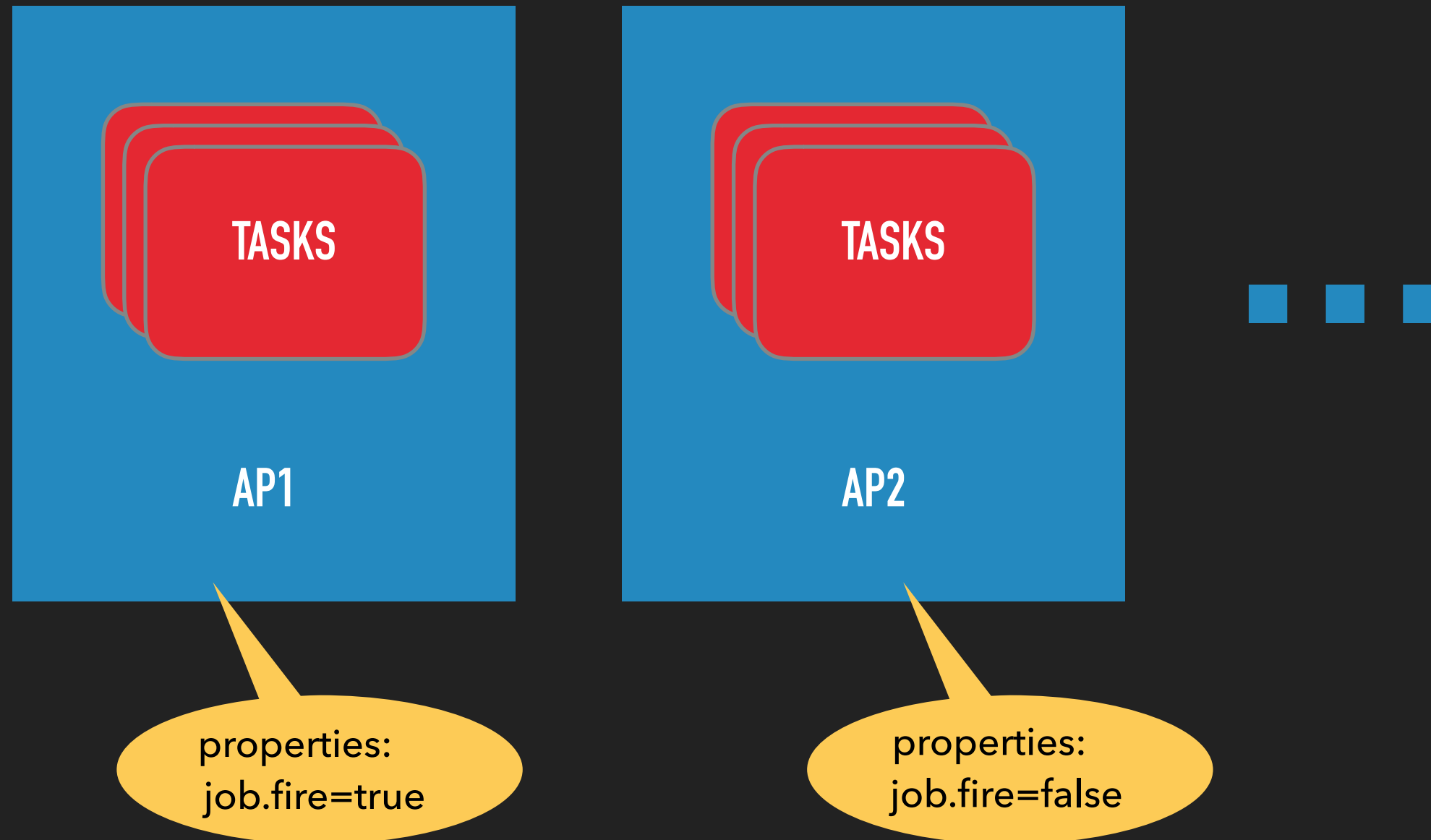
LEADER ELECTION RECIPE



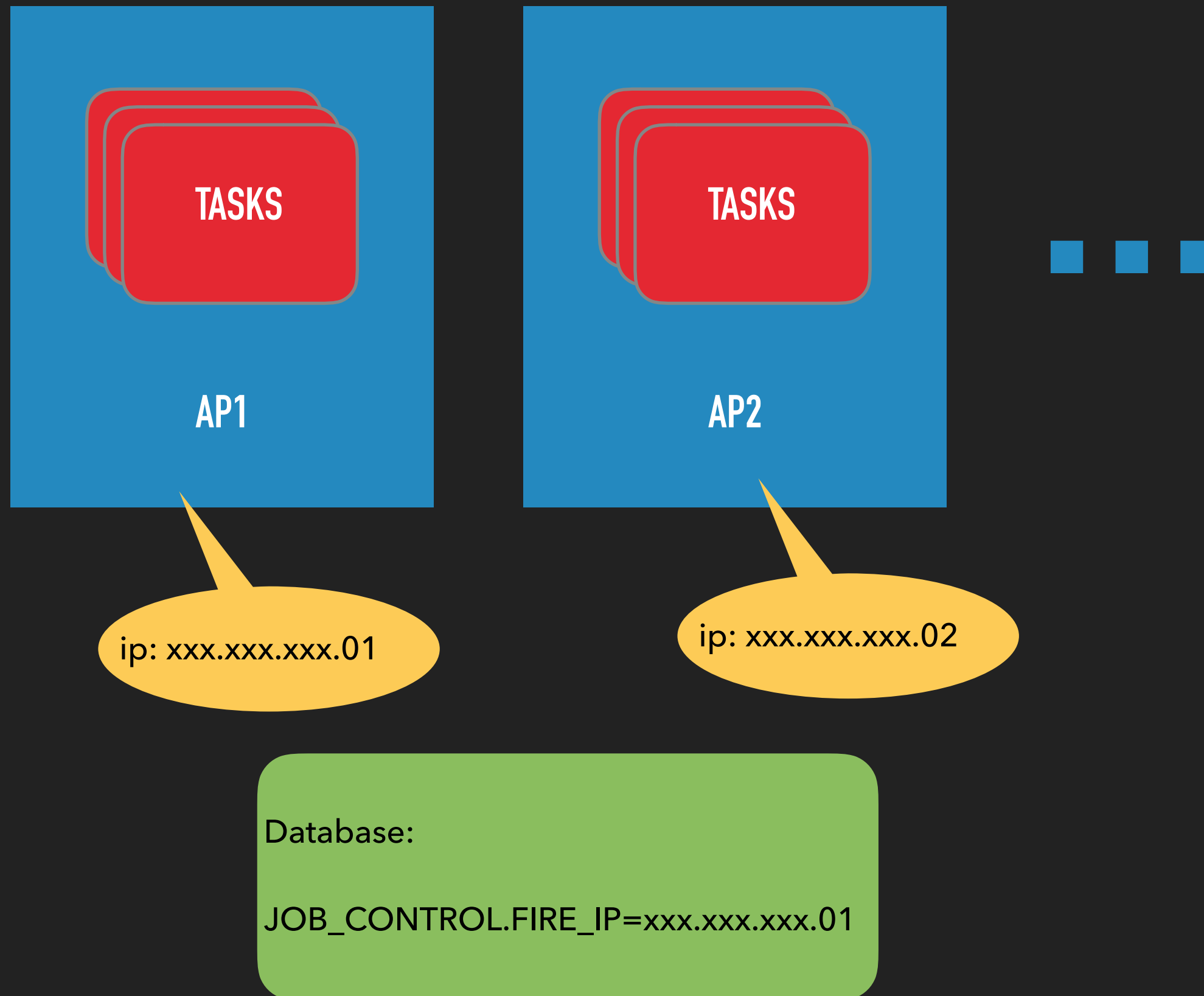
CLUSTER SCHEDULING



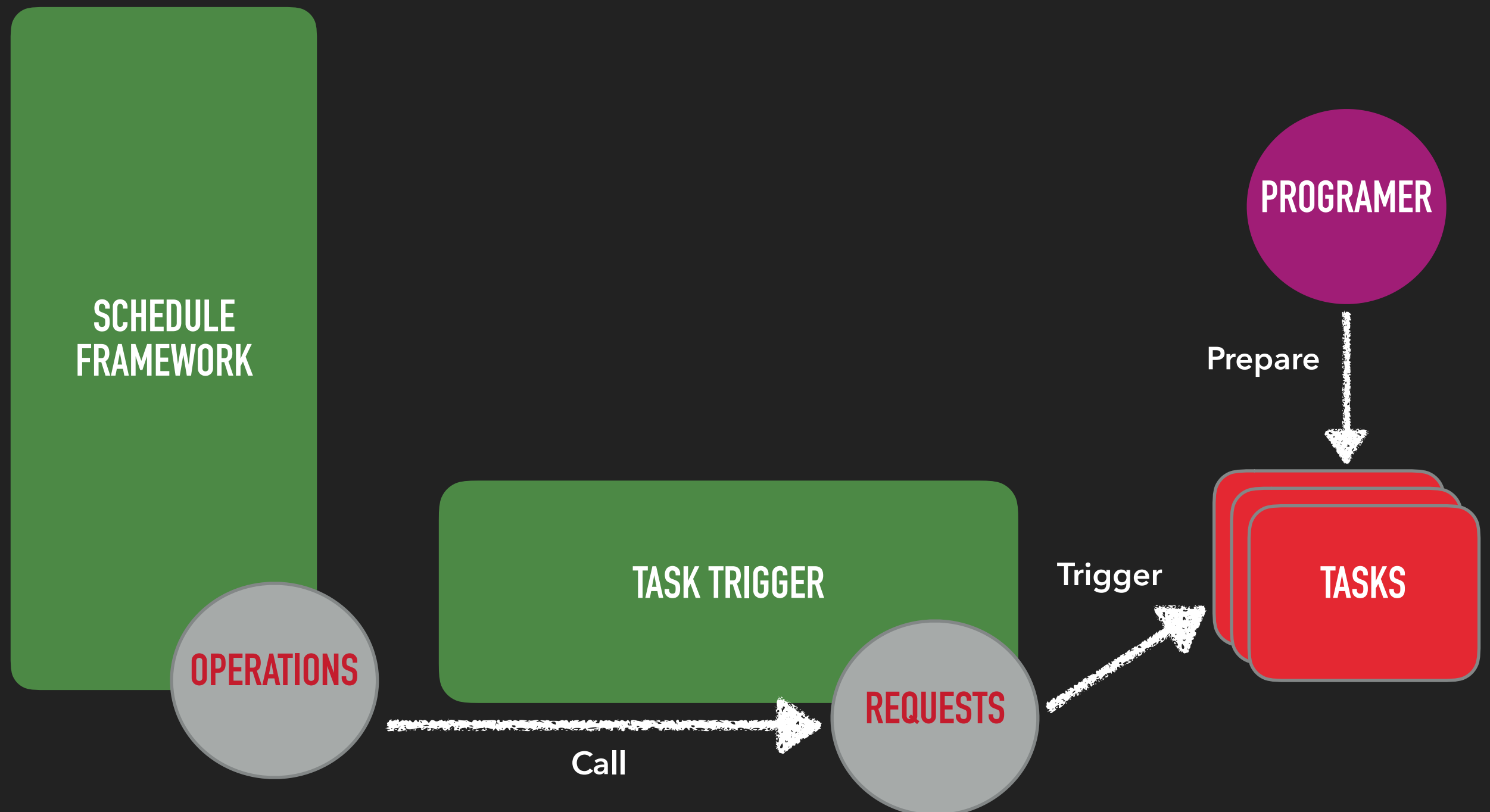
CLUSTER SCHEDULING

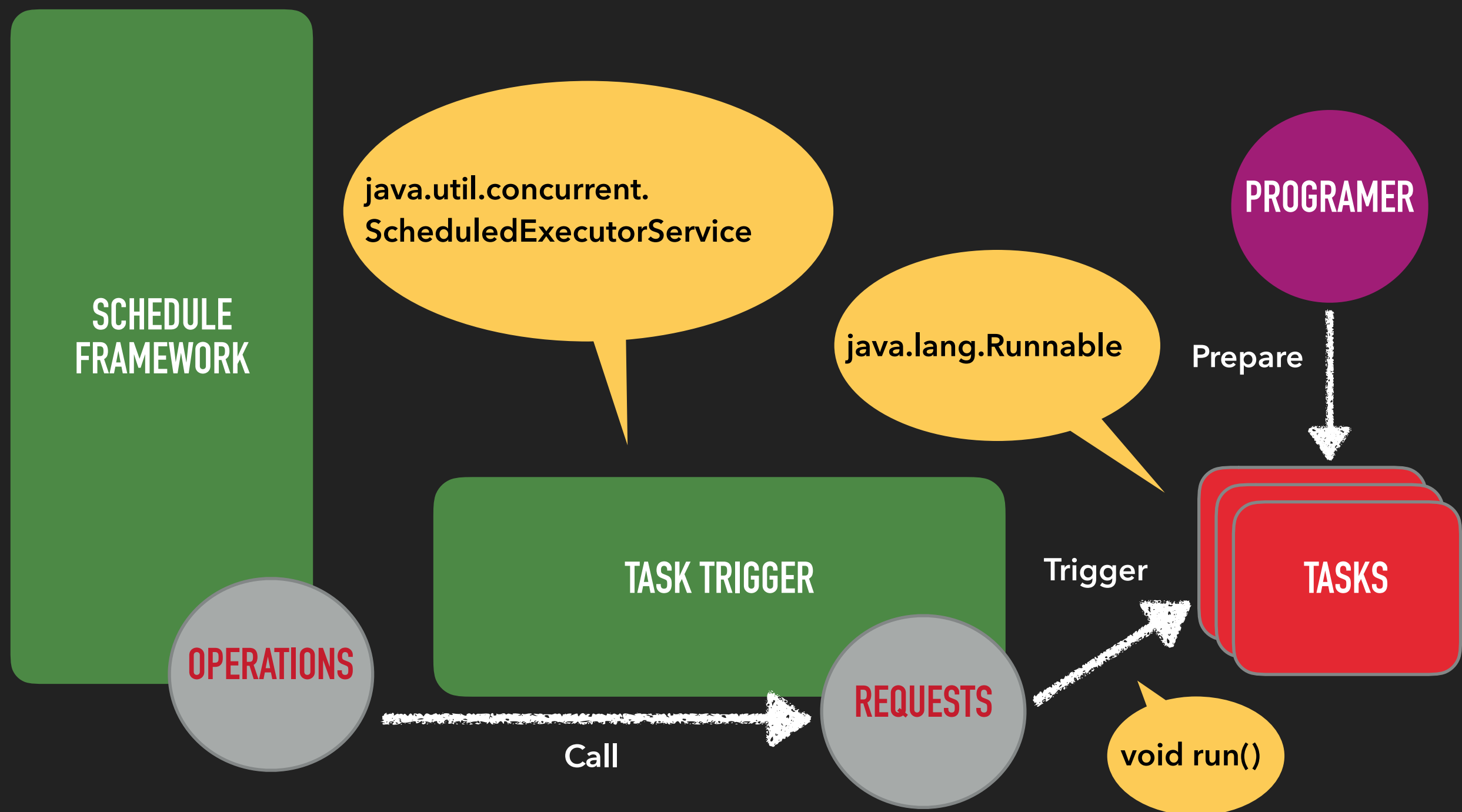


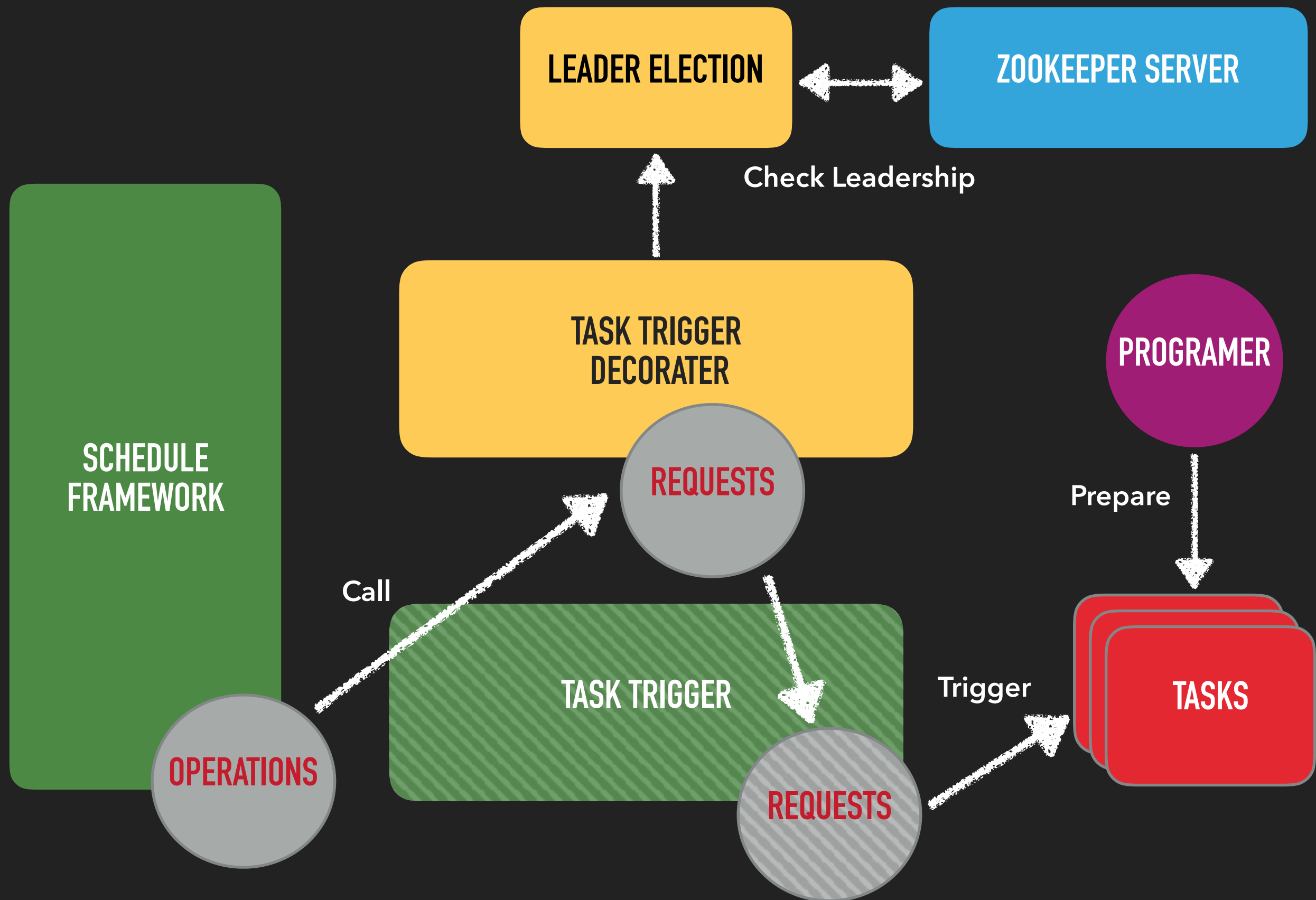
CLUSTER SCHEDULING



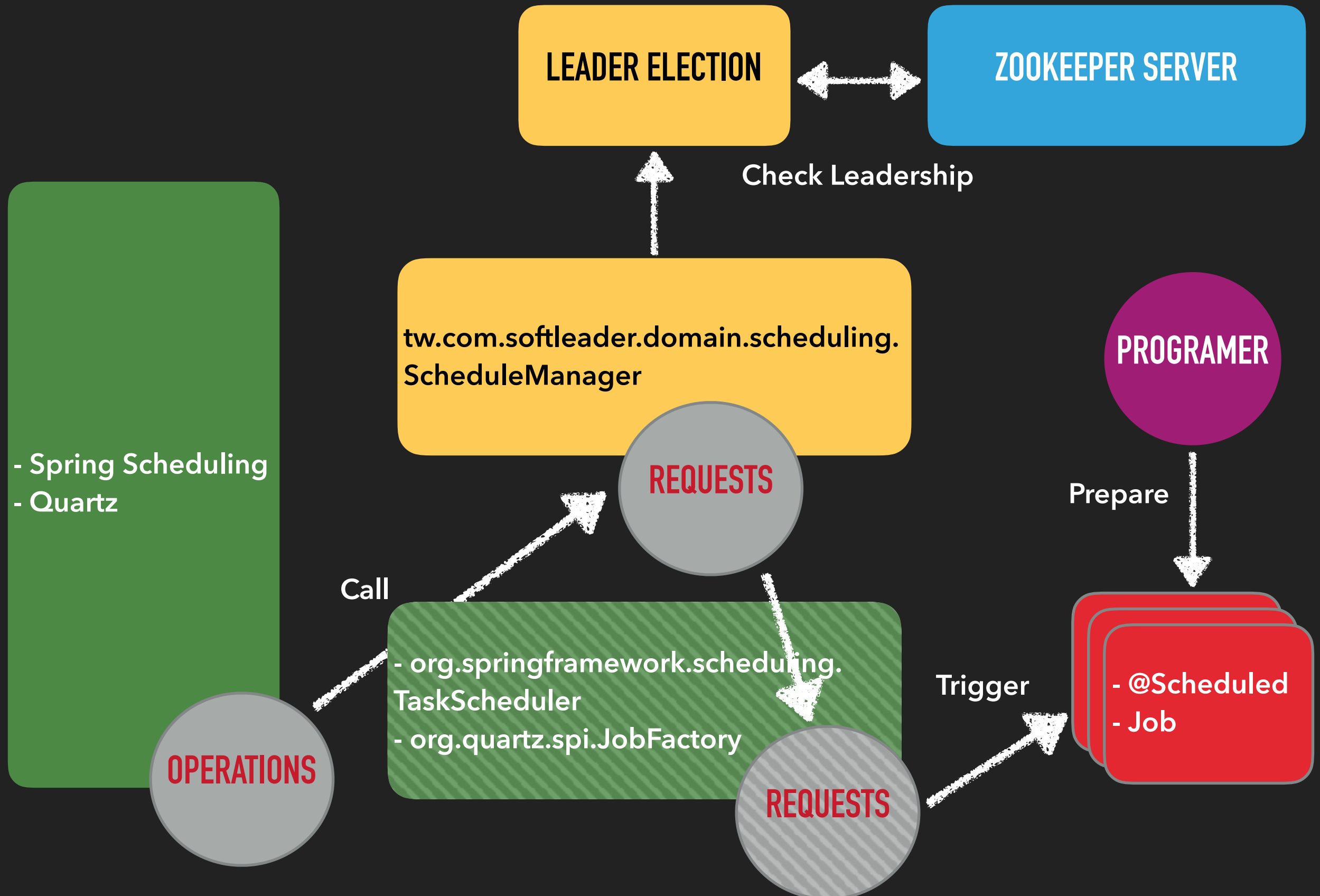
INTEGRATION INTO SOFTLEADER-FRAMEWORK







INTEGRATION INTO SOFTLEADER-FRAMEWORKTEXT



REFERENCE

- ▶ <https://github.com/softleader/softleader-framework-docs/blob/master/docs/cluster-scheduling.md>