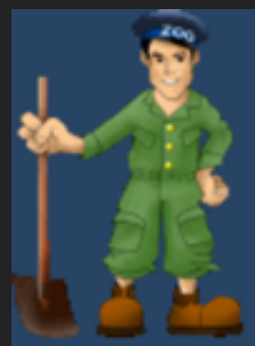
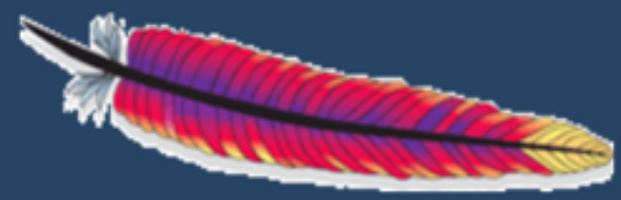


Apache ZooKeeper™



IN CLUSTER SCHEDULING

BECAUSE COORDINATING DISTRIBUTED SYSTEMS IS A ZOO

zookeeper.apache.org

BASIC COMMANDS

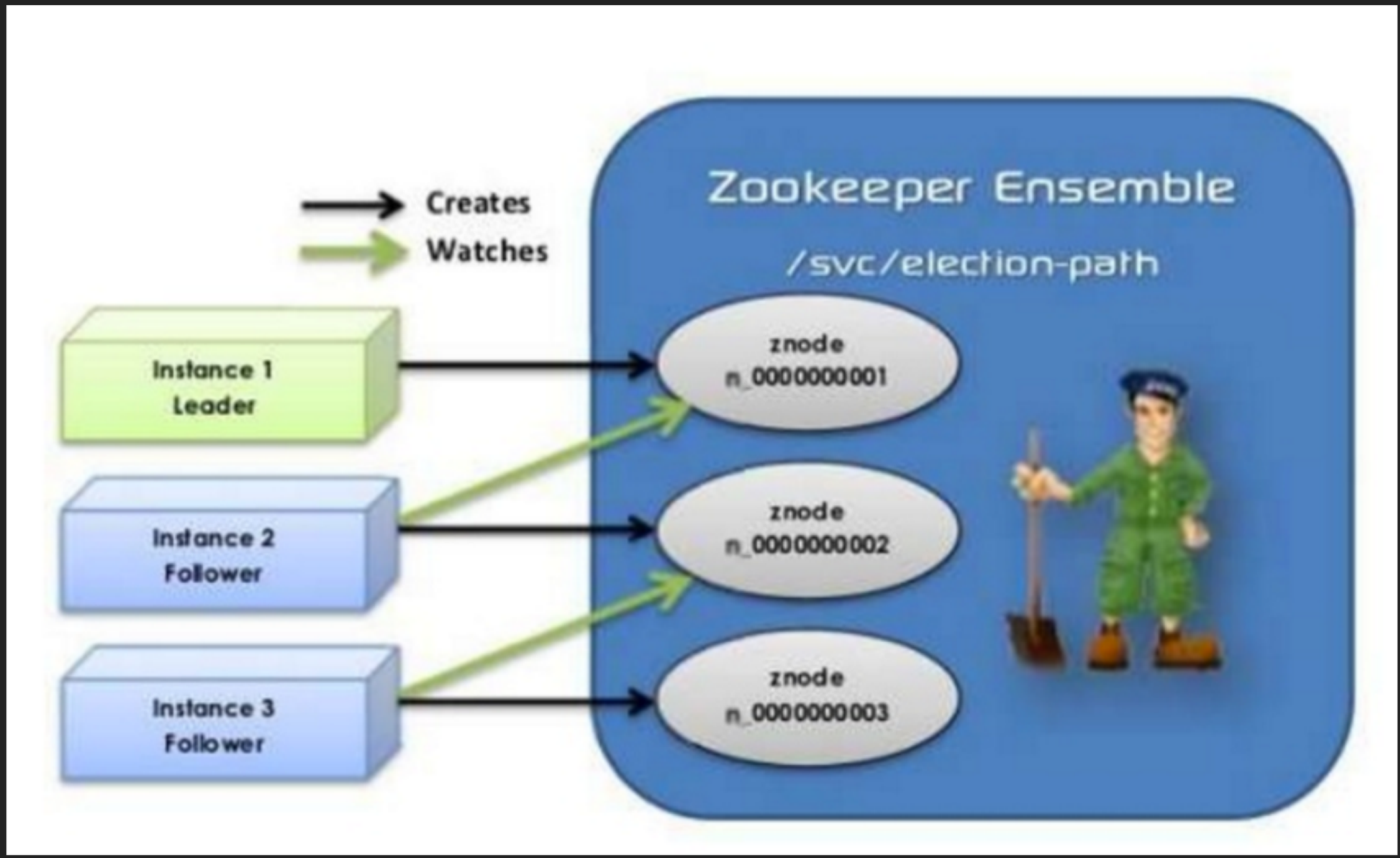
1. cd {ZOOKEEPER_HOME}/bin
2. ./zkCli.sh -server softleader.com.tw:2181
3. ls /
4. create /training “initial”
5. ls /training true
6. create -e -s /training/my-znode-
7. stat /training true
8. set /training “junk”

LEADER ELECTION RECIPE

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



REFERENCE

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