Kubernetes Controllers.

* It’s a control loop that watches the shared state of the cluster through api server and makes changes attempting to move from the current state to the desired state.

for {

desiredState := getDesiredState()

currentState := getCurrentState()

makeChanges (desired, current)

}

* Controllers consist of :

1. Informer
2. Queue
3. Threads/workers that will be doing the work.

* Overview of the controller architecture:

