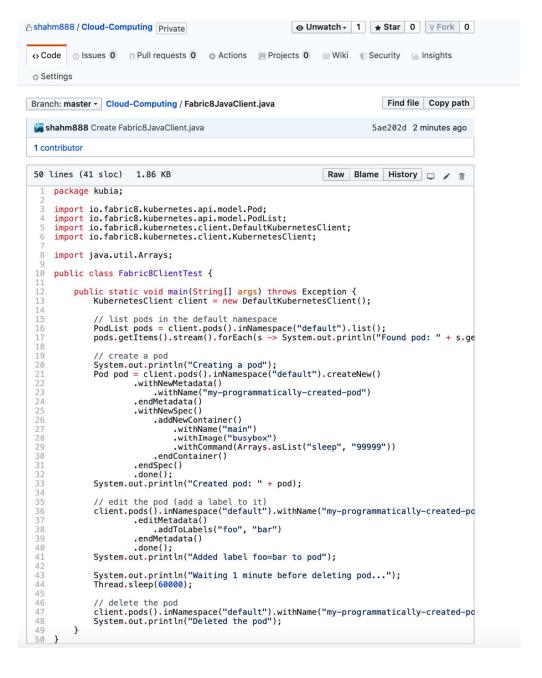
CS571 Mansi Shah (19526) Week 12

Using client libraries to talk to the API server

Listing, creating, updating, and deleting pods with the Fabric8 Java client



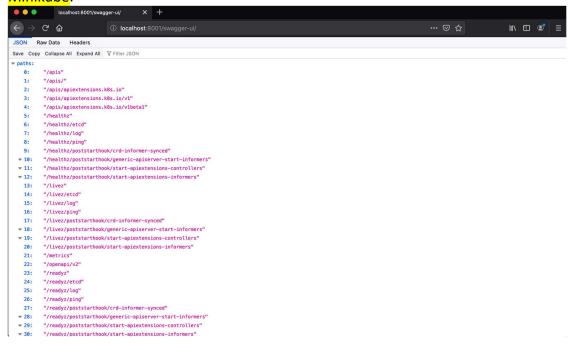
- Exploring the API with Swagger UI

```
mansishah@macbookpro downward % minikube start --extra-config=apiserver.enable-swagger-ui=true
   minikube 1.9.2 is available! Download it: https://github.com/kubernetes/minikube/releases/tag/v1.9.2
   To disable this notice, run: 'minikube config set WantUpdateNotification false'
   minikube v1.8.2 on Darwin 10.15.4
   Using the hyperkit driver based on existing profile
   Reconfiguring existing host ...
   Starting existing hyperkit VM for "minikube" ...
   Preparing Kubernetes v1.17.3 on Docker 19.03.6 ...
    apiserver.enable-swagger-ui=true
   Launching Kubernetes ...
   Enabling addons: default-storageclass, storage-provisioner
    Done! kubectl is now configured to use "minikube"
mansishah@macbookpro downward % kubectl get po
NAME
                       READY STATUS
                                           RESTARTS
curl
                       1/1
                               Running
                                                      41h
                      2/2
curl-with-ambassador
                               Running
                                           6
                                                      39h
                       0/1
                                           0
                                                      45h
downward
                               Error
                       0/1
my-job-nglj9
                               Completed
                                           0
                                                      44h
mansishah@macbookpro downward % kubectl proxy &
[1] 26455
mansishah@macbookpro downward % Starting to serve on 127.0.0.1:8001
mansishah@macbookpro downward % kubectl cluster-info
Kubernetes master is running at https://192.168.64.5:8443
KubeDNS is running at https://192.168.64.5:8443/api/v1/namespaces/kube-system/services/kube-dns:dns/proxy
To further debug and diagnose cluster problems, use 'kubectl cluster-info dump'.
mansishah@macbookpro downward % 🗍
```

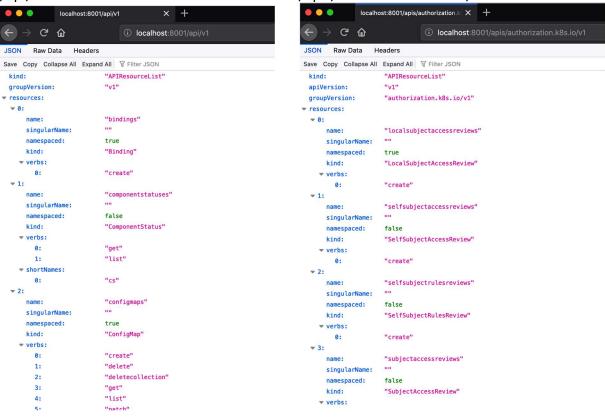
Accessing and Invoking the API

Visit http://localhost:8000/swagger-ui/ from the browser to access Swagger.

This may not be available if you are using Minikube. Please see below for the result when using Minikube.



You can still explore all PATH from Browser /api/v1



/apis/authorization.k8s.io/v1

/metrics

