## Report

For setting up everything you need to run following commands in root directory (before please follow install instruction in Readme file):

```
docker-compose build
```

```
docker-compose up -d
```

After it all needed services will be running in docker You can access FacadeService via localhost:5000/swagger in your browser and Consul via localhost:8500

As I said in Readme file when you run all of the services via docker-compose up command all of services will exit with error. That's because the KV properties in consul are not set.

So after they fail, run following commands one by one in terminal:

```
docker compose exec consul sh

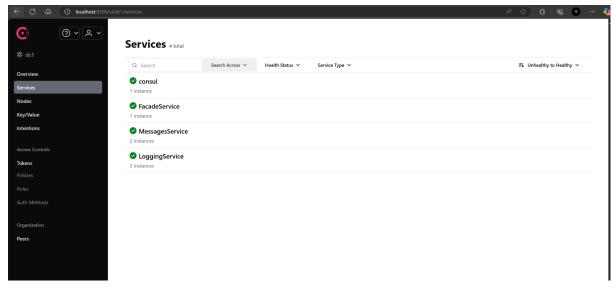
consul kv put config/hazelcast/ClusterName dev
consul kv put config/hazelcast/Networking/Addresses/0 hazelcast:5701

consul kv put config/messaging/BootstrapServers
"kafka-1:9092,kafka-2:9092,kafka-3:9092"
consul kv put config/messaging/Topic messages

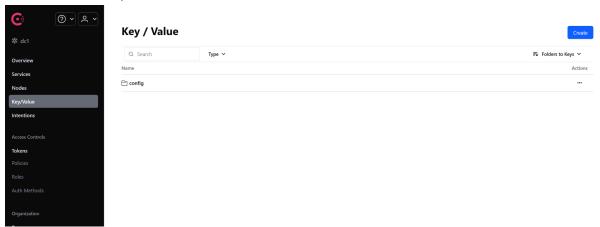
exit
```

After it just start each service in Docker Desktop independently

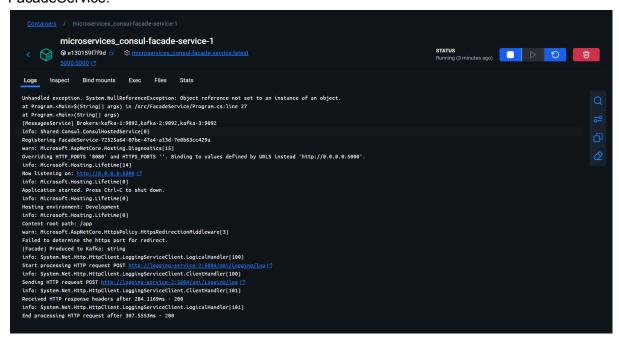
- 1. Run everything via command and see what Consul have
- We see following registered services:



- And in KV part:



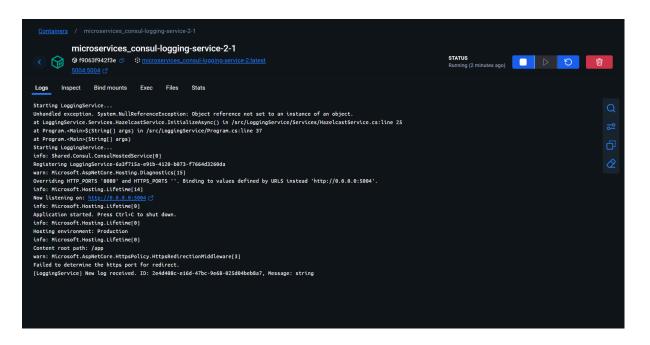
2. Send a simple message with FacadeService and see logs FacadeService:



## MessageService 1:



LoggingService:



We see for now that everything works!