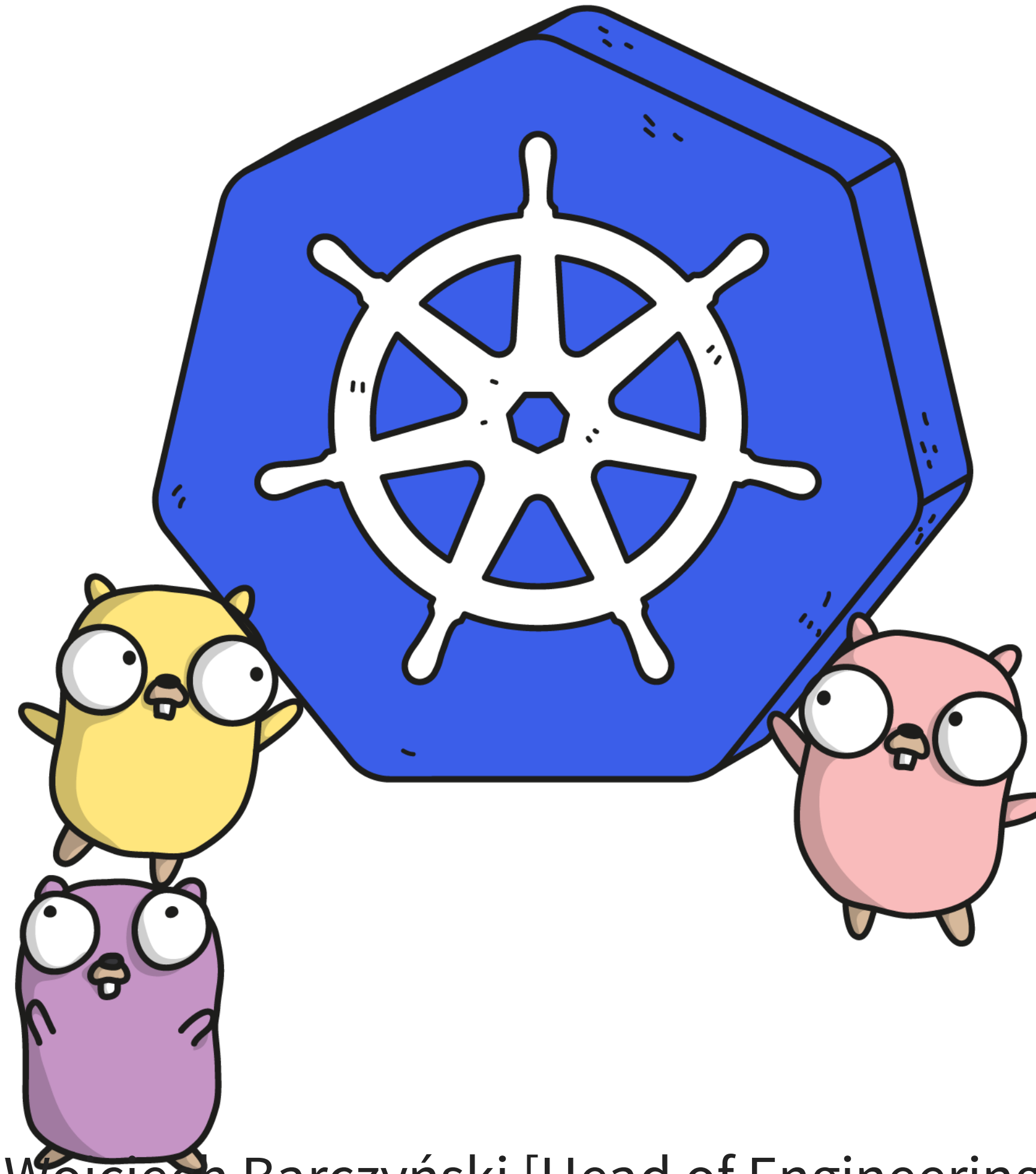


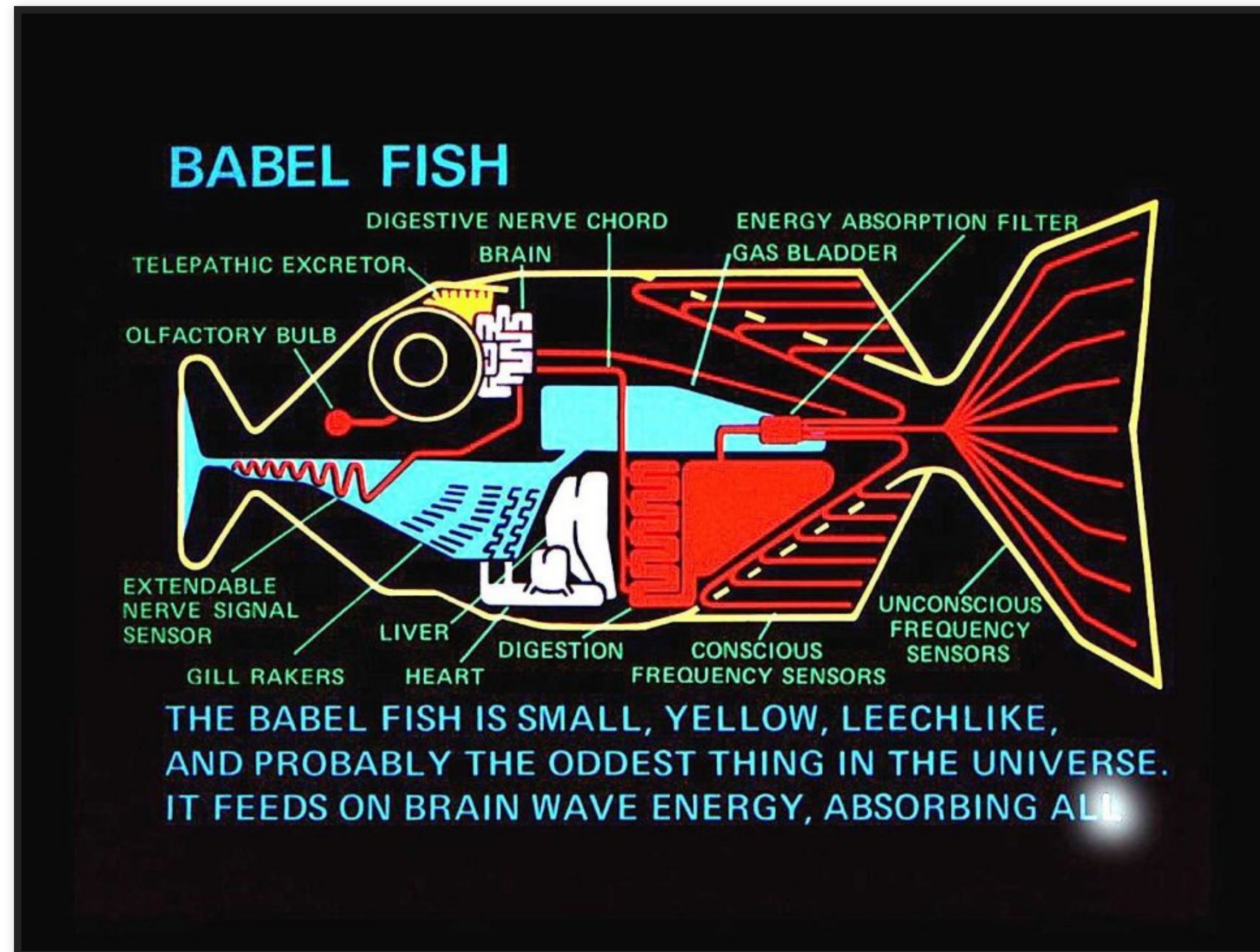
Kubernetes client-go



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Kubernetes



Xubernetes



Kubernetes client-go

- Scripts
- Automations
- Operator-SDK

Kubernetes client-go

- Generated from spec
- Kubernetes json = how it looks in Golang

Set project

```
$ mkdir my-kube  
$ cd my-kube  
$ go mod init my-kube  
$ go get k8s.io/client-go@kubernetes-1.15.3
```

Version?

Check:

<https://github.com/kubernetes/client-go#compatibility-matrix>

Minikube for dev

```
$ kubectl config use-context minikube  
$ kubectl get po --all-namespaces
```


Demo: list

```
func check(clientset *kubernetes.Clientset, namespace string,
    pods, err := clientset.CoreV1().Pods("").List(metav1.L
    if err != nil {
        panic(err.Error())
    }
    fmt.Printf("There are %d pods in the cluster\n", len(p
```

DEMO: do you know k8s json?

[examples/create-update-delete-deployment](#)

[more examples](#)

Demo: kubernetes.fake

- [fake.go](#)
- Exposes: Faked___ e.g., FakeServerVersion

[Good tutorial](#)

Summary

- Simple to navigate API when you work with k8s for some time
- Next: [Operator-SDK](#)
- Let's go deeper with the next talk!