



# KUBERNETES

DEPLOYMENT FODÁSTICO - PARTE II

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# PARTE II

HELM  
INGRESS  
TÓPICOS ESPECIAIS

# HELM

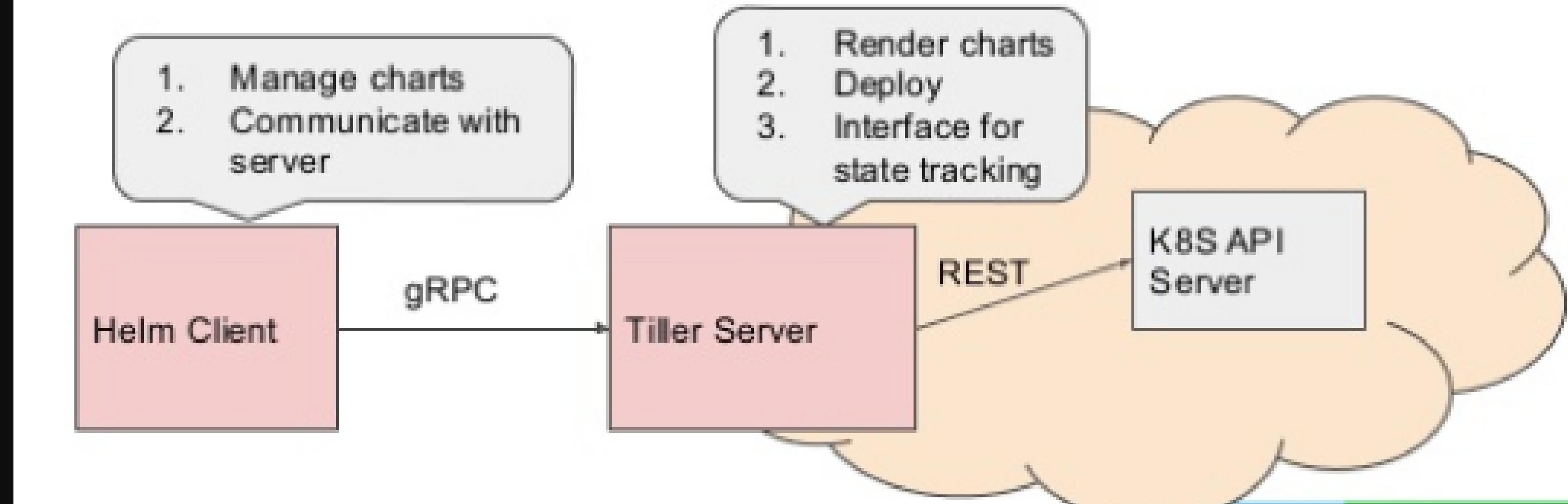
Package Manager for  
Kubernetes





Conjunto de Templates YAML  
Versionados como unidade  
Conjunto de Valores Default  
Sobrescrita de valores em linha de  
comando  
Charts  
Repositório de Charts

# Basic Architecture



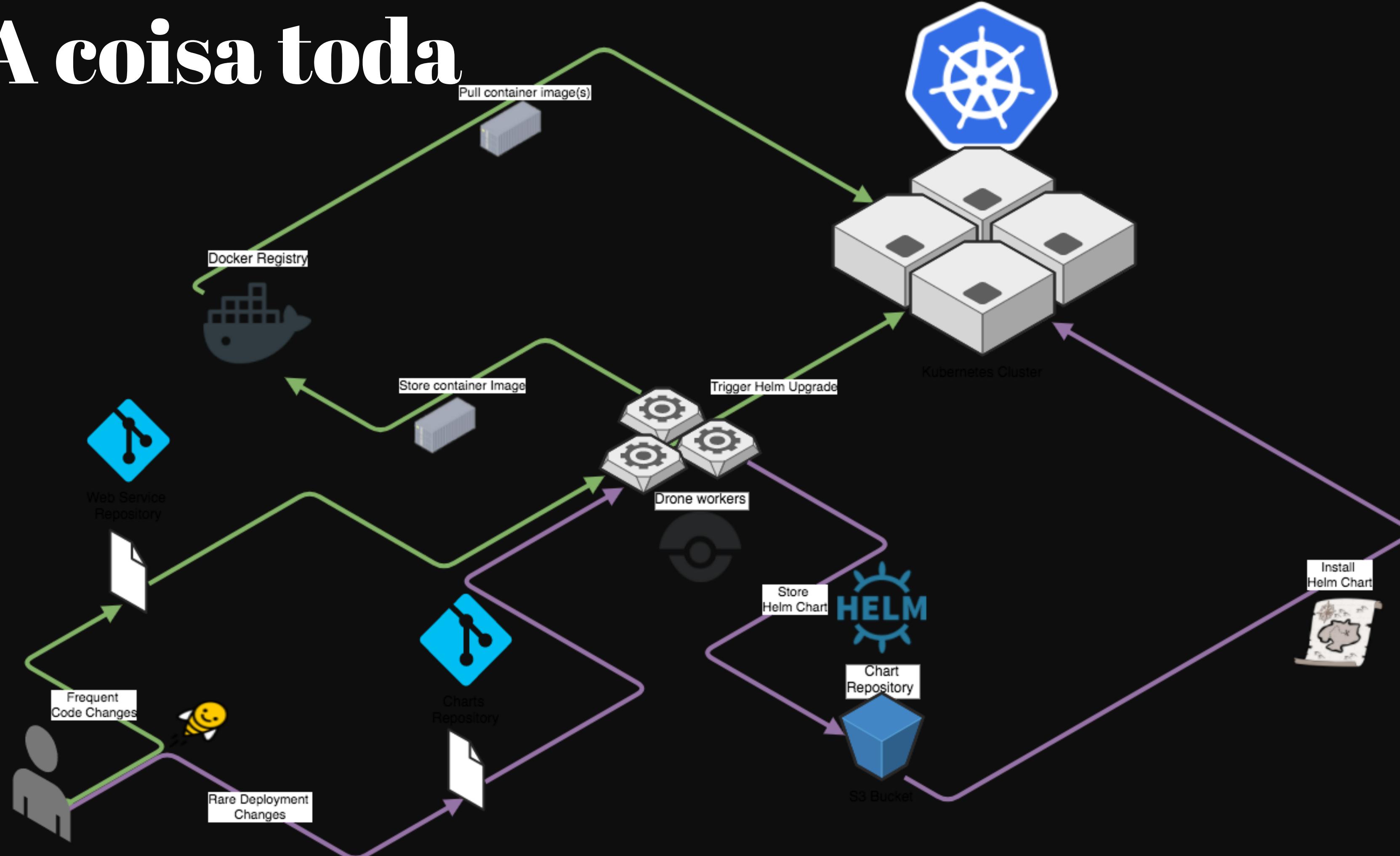
- curl "https://kubernetes-helm.storage.googleapis.com/helm-v2.8.2-linux-amd64.tar.gz" | tar zx
- mv linux-amd64/helm /usr/bin/
- helm version --client

# tiller

controlador do helm



# A coisa toda



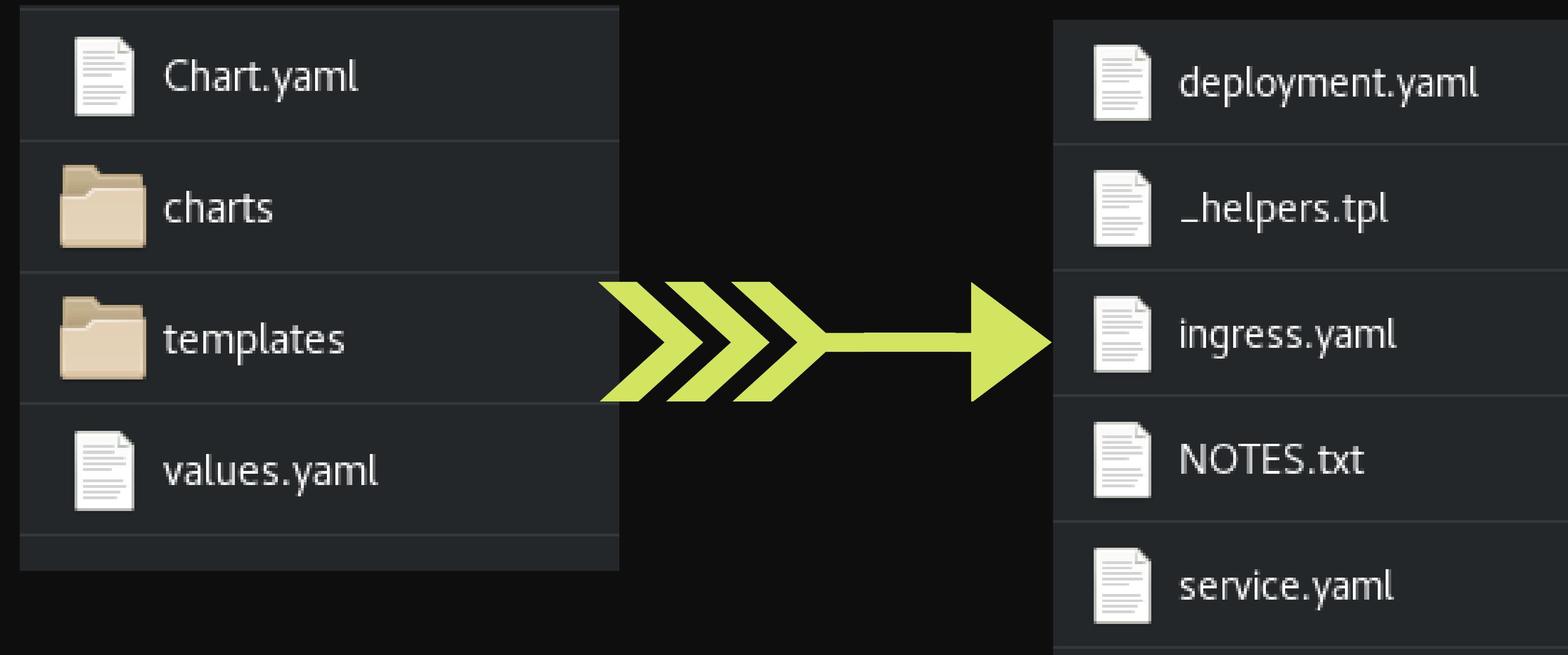
HELM

# CHARTS

[HTTPS://GITHUB.COM/KUBERNETES/CHARTS](https://github.com/kubernetes/charts)

Como criar  
um novo  
chart?

desse jeito ué



helm create [chart-name]

Como  
implantar o  
helm ?

desse jeito ué

helm create [chart-name]

```
helm install --name ${NOME_DA_INSTALACAO} \
--set param=value,param1=value1, a=b, etc=... \
--namespace=${NAMESPACE} \
--tiller-namespace=${TILLER_NAMESPACE} \
${CHART}
```



AUTHENTIC TASK

criando e  
instalando um  
novo Chart

# EXERCÍCIOS

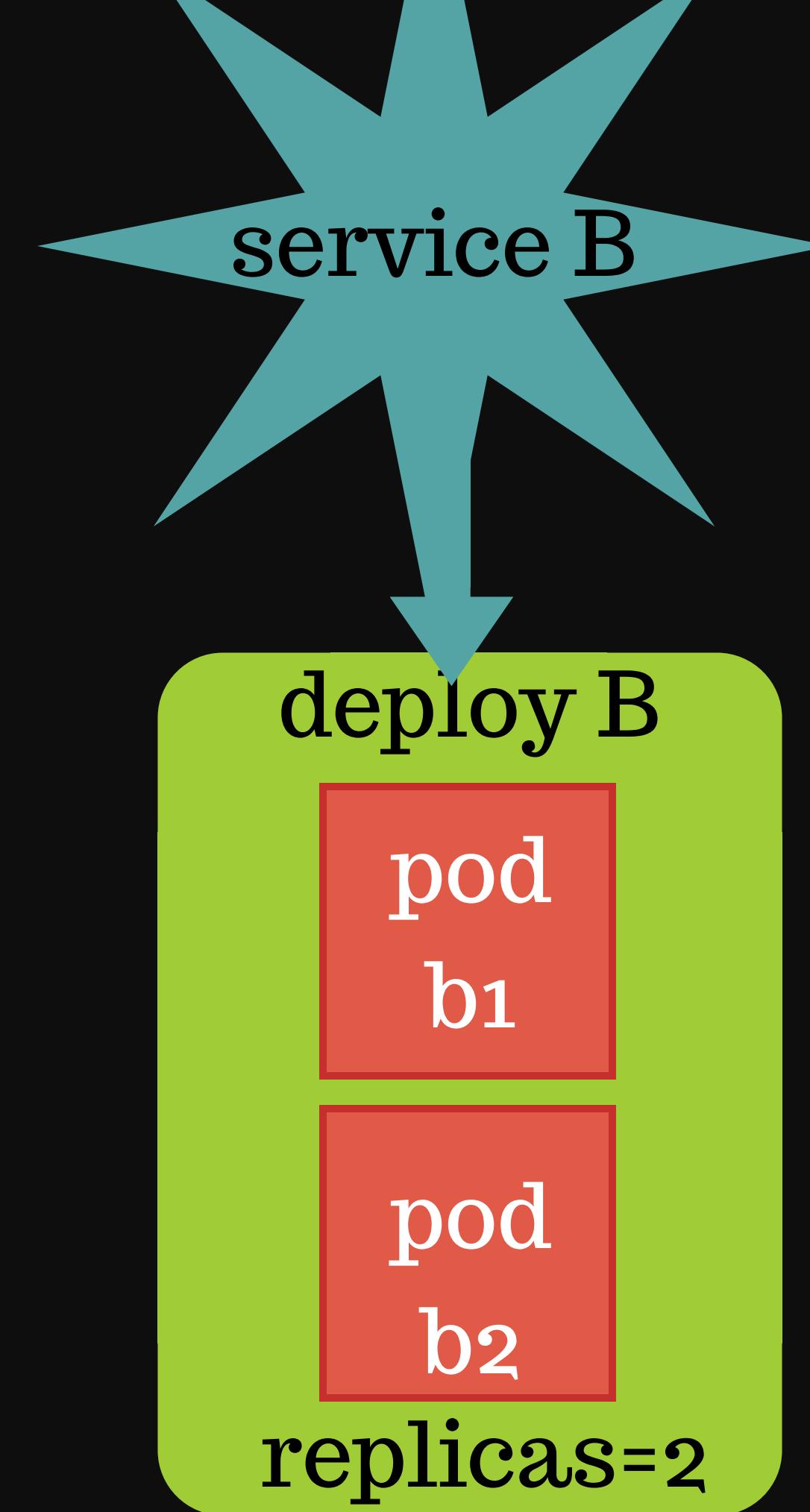
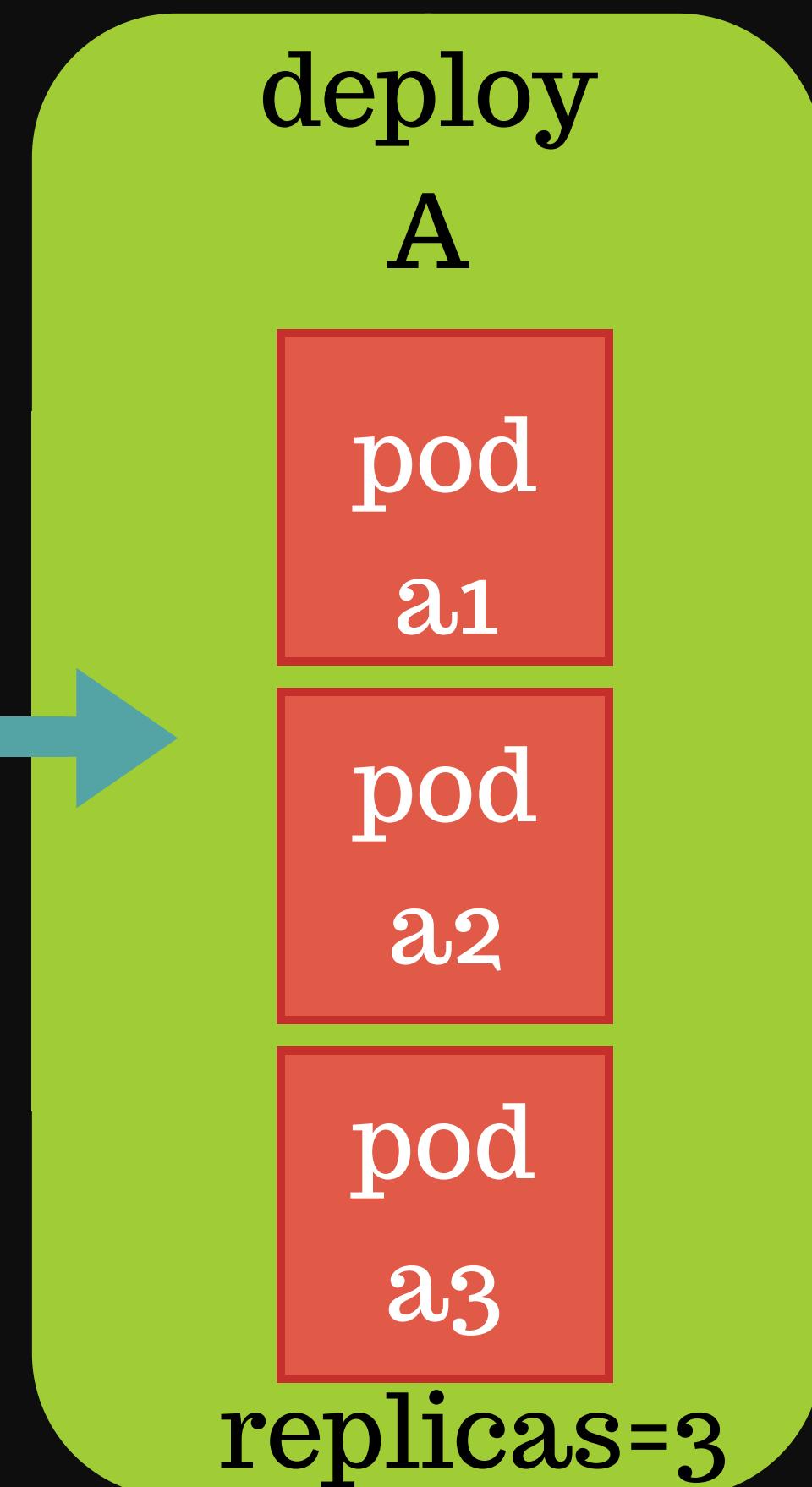
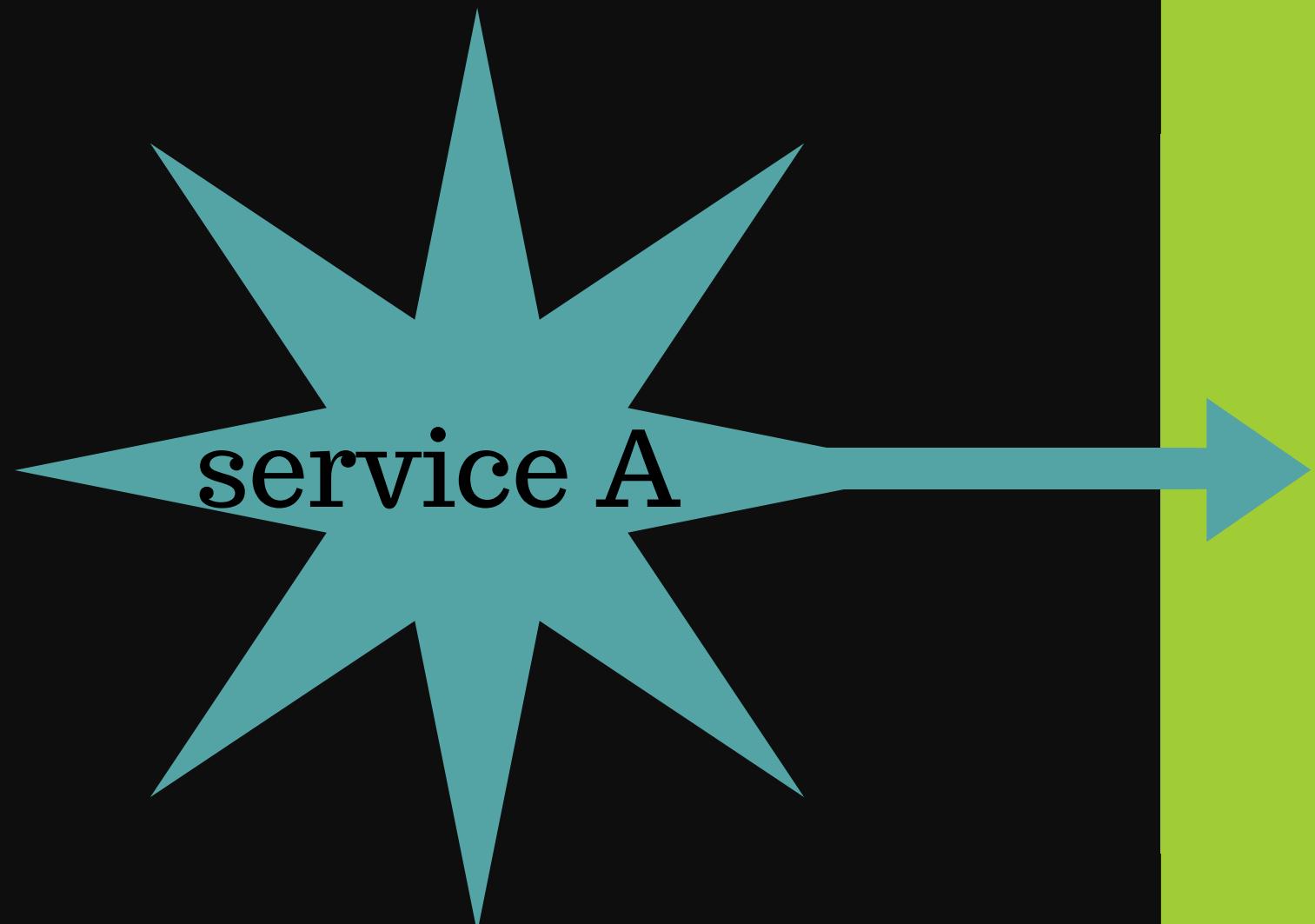


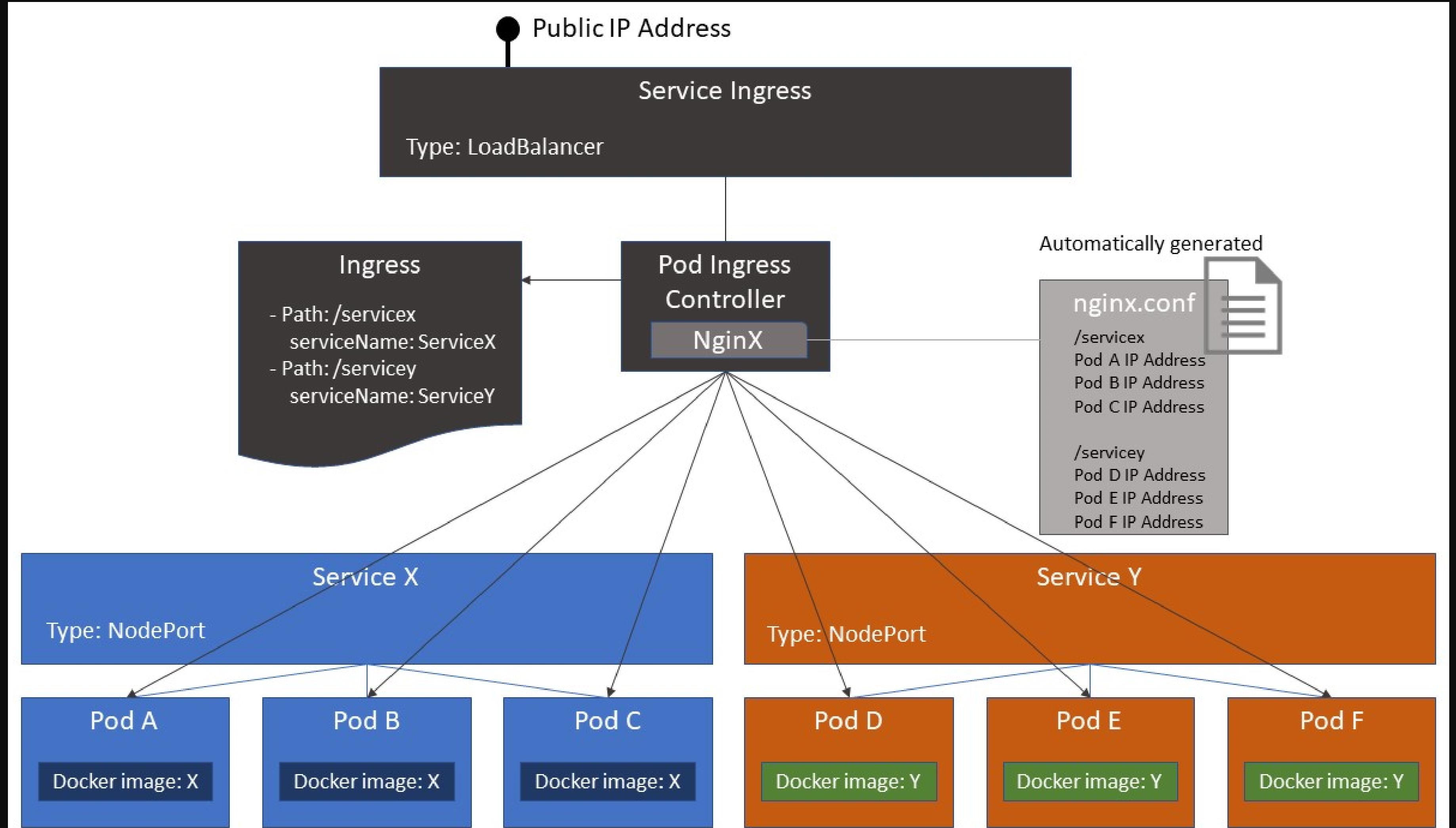


# INGRESS

# Relembrando Conceitos

PARA MENTES ESQUECIDAS





# YAML



## kubernetes

```
1  apiVersion: extensions/v1beta1
2  kind: Ingress
3  metadata:
4    name: my-ingress
5    labels:
6      app: my-ingress
7    annotations:
8      kubernetes.io/ingress.class: nginx
9
10 spec:
11   rules:
12     - host: my-domain.softplan.io
13       http:
14         paths:
15           - path: /
16             backend:
17               serviceName: my-service-name
18               servicePort: 1818
19
20
```



AUTHENTIC TASK

criando o ingress

# TÓPICOS ESPECIAIS

- kubectl port-forward
  - kubectl patch
  - Formating output
- \*\* Persistent Volumes
- \*\* kubectl cp
- \*\* gcloud container clusters

A photograph showing a stack of light-colored papers. A clear plastic ruler is placed diagonally across the top, with markings visible from 1 to 16 inches. A white pen lies horizontally next to the ruler. The background is a plain, light color.

# THE END

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