https://banzaicloud.com/blog/creating-helm-charts/

<https://banzaicloud.com/blog/creating-helm-charts-part-2/>

Helm 3 template functions and pipelines | Helm 3 for beginners

<https://www.youtube.com/watch?v=KZ22xLwgRGM>

apiVersion: apps/v1

kind: Deployment

metadata:

labels:

app: nginx-deployment

name: nginx-deployment

spec:

replicas: {{ .Values.myreplicas }}

selector:

matchLabels:

app: nginx-deployment

template:

metadata:

labels:

app: nginx-deployment

spec:

containers:

- image: {{ .Values.image.repository }}

name: rollingupdate

apiVersion: v1

kind: Service

metadata:

labels:

app: nginx-deployment

name: nginx-deployment

spec:

ports:

- port: 8000

protocol: TCP

targetPort: 80

nodePort: {{ .Values.service.nodeport }}

selector:

app: nginx-deployment

type: NodePort

# Default values for mynginx.

# This is a YAML-formatted file.

# Declare variables to be passed into your templates.

replicaCount: 1

myreplicas: 1

image:

repository: nginx

pullPolicy: IfNotPresent

# Overrides the image tag whose default is the chart appVersion.

tag: ""

imagePullSecrets: []

nameOverride: ""

fullnameOverride: ""

serviceAccount:

# Specifies whether a service account should be created

create: true

# Annotations to add to the service account

annotations: {}

# The name of the service account to use.

# If not set and create is true, a name is generated using the fullname template

name: ""

podAnnotations: {}

podSecurityContext: {}

# fsGroup: 2000

securityContext: {}

# capabilities:

# drop:

# - ALL

# readOnlyRootFilesystem: true

# runAsNonRoot: true

# runAsUser: 1000

service:

type: ClusterIP

port: 80

nodeport: 35555

ingress:

enabled: false

className: ""

annotations: {}

# kubernetes.io/ingress.class: nginx

# kubernetes.io/tls-acme: "true"

hosts:

- host: chart-example.local

paths:

- path: /

pathType: ImplementationSpecific

tls: []

# - secretName: chart-example-tls

# hosts:

# - chart-example.local

resources: {}

# We usually recommend not to specify default resources and to leave this as a conscious

# choice for the user. This also increases chances charts run on environments with little

# resources, such as Minikube. If you do want to specify resources, uncomment the following

# lines, adjust them as necessary, and remove the curly braces after 'resources:'.

# limits:

# cpu: 100m

# memory: 128Mi

# requests:

# cpu: 100m

# memory: 128Mi

autoscaling:

enabled: false

minReplicas: 1

maxReplicas: 100

targetCPUUtilizationPercentage: 80

# targetMemoryUtilizationPercentage: 80

nodeSelector: {}

tolerations: []

affinity: {}