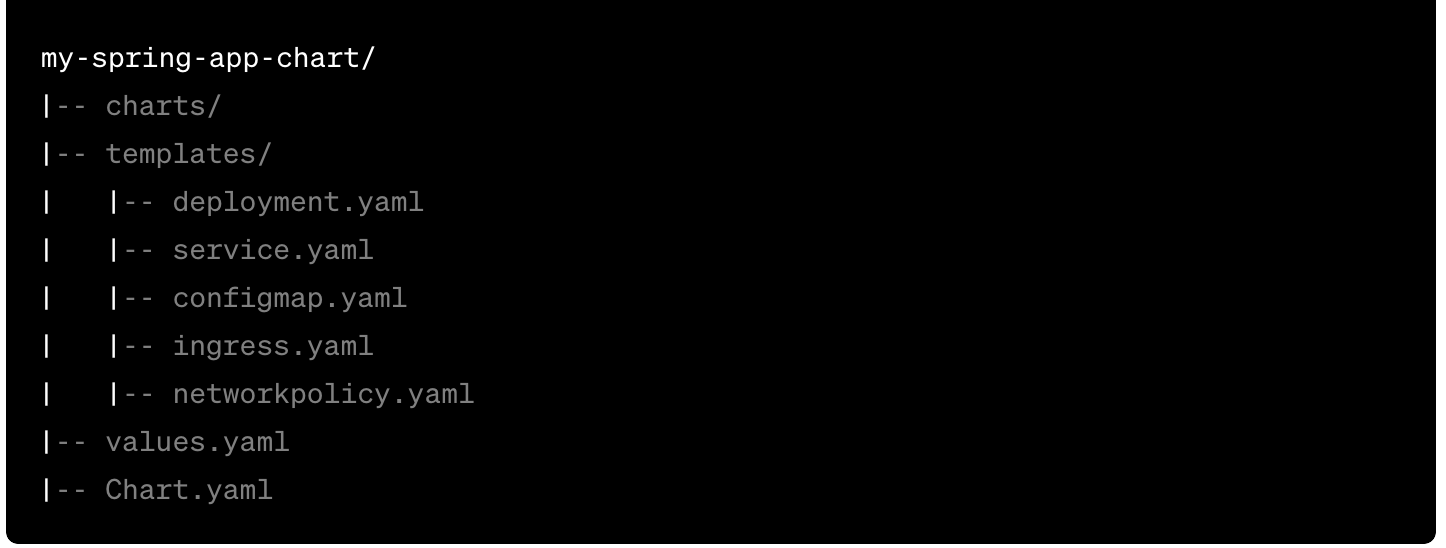
Directory Structure:



**values.yaml**

# Default values for the Helm chart

springApps:

- name: my-spring-app1

enabled: true

image: your-docker-image-for-app1:tag

servicePort: 8081

configMapName: configMap-app1

path: /path1

- name: my-spring-app2

enabled: true

image: your-docker-image-for-app2:tag

servicePort: 8082

configMapName: configMap-app2

path: /path2

- name: my-spring-app3

enabled: true

image: your-docker-image-for-app3:tag

servicePort: 8083

configMapName: configMap-app3

path: /path3

**templates/deployment.yaml :**

{{- range .Values.springApps }}

{{- if .enabled }}

apiVersion: apps/v1

kind: Deployment

metadata:

name: {{ .name }}-deployment

spec:

template:

metadata:

labels:

app: {{ .name }}

spec:

containers:

- name: {{ .name }}

image: "{{ .image }}"

ports:

- containerPort: 8080

{{- $myVar := default "false" . configMapName }}

{{- if not (eq $myVar "false") }}

envFrom:

- configMapRef:

name: {{ .configMapName | quote }}

{{- end }}

---

{{- end }}

{{- end }}

**templates/service.yaml**

{{- range .Values.springApps }}

{{- if .enabled }}

apiVersion: v1

kind: Service

metadata:

name: {{ .name }}-service

spec:

selector:

app: {{ .name }}

ports:

- protocol: TCP

port: {{ .servicePort }}

targetPort: 8080

---

{{- end }}

{{- end }}

**templates/ingress.yaml**

{{- range .Values.springApps }}

{{- if .enabled }}

apiVersion: networking.k8s.io/v1

kind: Ingress

metadata:

name: {{ .name }}-ingress

spec:

rules:

- host: {{ .name }}.example.com

http:

paths:

- path: {{ .path }}

pathType: Prefix

backend:

service:

name: {{ .name }}-service

port:

number: {{ .servicePort }}

---

{{- end }}

{{- end }}

**templates/networkpolicy.yaml**

{{- range .Values.springApps }}

{{- if .enabled }}

apiVersion: networking.k8s.io/v1

kind: NetworkPolicy

metadata:

name: {{ .name }}-network-policy

spec:

podSelector:

matchLabels:

app: {{ .name }}

ingress:

- from:

- podSelector:

matchLabels:

app: frontend

role: frontend

egress:

- to:

- podSelector:

matchLabels:

app: database

role: database

# Add rules as needed for {{ .name }}

---

{{- end }}

{{- end }}

**templates/configmap.yaml**

{{- if .Values.configMap.enabled }}

apiVersion: v1

kind: ConfigMap

metadata:

name: {{ .Chart.Name }}-config

data:

application.properties: |-

# Your application properties here

database.url=jdbc:mysql://mysql-server:3306/mydatabase

database.username=myuser

database.password=mypassword

server.port=8080

{{- end }}