

Sessão 06: Aula 02 - deployment.yaml

deployment.yaml

```
kind: Deployment
apiVersion: apps/v1
metadata:
  name: {{ .Release.Name }}
  namespace: {{ .Release.Namespace }}
  labels:
    app: {{ .Release.Name }}
spec:
  {{- with .Values.container }}
  replicas: {{ .replicas }}
  selector:
    matchLabels:
      app: {{ $.Release.Name }}
  template:
    metadata:
      name: {{ $.Release.Name }}
      labels:
        app: {{ $.Release.Name }}
    spec:
      containers:
        - name: {{ $.Release.Name }}
          image: hashicorp/http-echo
          args:
            {{- range .args }}
            - {{ . | quote }}
            {{- end }}
            {{- if eq .livenessProbe.enabled true }}
          livenessProbe:
            {{- if eq .livenessProbe.httpGet.enabled true }}
            httpGet:
              path: {{ .livenessProbe.httpGet.path }}
              port: {{ .livenessProbe.httpGet.port }}
            {{- end }}
            initialDelaySeconds: {{ .livenessProbe.initialDelaySeconds }}
            periodSeconds: {{ .livenessProbe.periodSeconds }}
            failureThreshold: {{ .livenessProbe.failureThreshold }}
            {{- end }}
            {{- if eq .readinessProbe.enabled true }}
          readinessProbe:
            {{- if eq .readinessProbe.httpGet.enabled true }}
            httpGet:
              path: {{ .readinessProbe.httpGet.path }}
              port: {{ .readinessProbe.httpGet.port }}
            {{- end }}
            initialDelaySeconds: {{ .readinessProbe.initialDelaySeconds }}
            periodSeconds: {{ .readinessProbe.periodSeconds }}
```

```

        successThreshold: {{ .readinessProbe.successThreshold }}
        failureThreshold: {{ .readinessProbe.failureThreshold }}
    {{- end }}
    ports:
    {{- range .ports }}
    - name: {{ .name }}
      containerPort: {{ .containerPort }}
    {{- end }}
    {{- if eq .resources.enabled true }}
    resources:
      limits:
        cpu: {{ .resources.limits.cpu }}
        memory: {{ .resources.limits.memory }}
    {{- end }}
  {{- end }}

```

values.yaml

```

container:
  args:
    - "-text=banana"
  replicas: 2
  livenessProbe:
    enabled: true
    httpGet:
      enabled: true
      path: /
      port: http
    initialDelaySeconds: 5
    periodSeconds: 10
    failureThreshold: 3
  readinessProbe:
    enabled: true
    httpGet:
      enabled: true
      path: /
      port: http
    initialDelaySeconds: 5
    periodSeconds: 10
    successThreshold: 3
    failureThreshold: 3
  ports:
    - name: http
      containerPort: 5678
  resources:
    enabled: true
    limits:
      cpu: 250m
      memory: 32Mi

```

Testando a instalação

```
helm install --debug --dry-run restaurante ./meusite
```