



HELM

Helm

Templates

The templates are resource manifests that use the Go templating syntax. Variables defined in the **values** file, for example, get injected in the template when a release is created. In the MariaDB example we provided, the database passwords are stored in a Kubernetes secret, and the database configuration is stored in a Kubernetes ConfigMap.

We can see that a set of labels are defined in the Secret metadata using the Chart name, Release name, etc. The actual values of the passwords are read from the **values.yaml** file.

apiVersion: v1**kind: Secret****metadata:****name:** `{{ template "fullname" . }}`**labels:****app:** `{{ template "fullname" . }}`**chart:** `"{{ .Chart.Name }}-{{ .Chart.Version }}"`**release:** `"{{ .Release.Name }}"`**heritage:** `"{{ .Release.Service }}"`**type: Opaque****data:****mariadb-root-password:** `{{ default "" .Values.mariadbRootPassword | b64enc | quote }}`**mariadb-password:** `{{ default "" .Values.mariadbPassword | b64enc | quote }}`