

Example 21-2. Simple Dockerfile for template image

```
FROM k8spatterns/gomplate
COPY in /in
```

The base image *k8spatterns/gomplate* contains the template processor and an entry point script that uses the following directories by default:

- */in* holds the WildFly configuration templates, including the parameterized *standalone.xml*. These are added directly to the image.
- */params* is used to look up the Gomplate data sources, which are YAML files. This directory is mounted from a ConfigMap-backed Pod volume.
- */out* is the directory into which the processed files are stored. This directory is mounted in the WildFly application container and used for the configuration.

The second ingredient of our example is the ConfigMap holding the parameters. In [Example 21-3](#), we just use a simple file with key-value pairs.

Example 21-3. Values for log Configuration Template

```
logFormat: "DEVELOPMENT: %-5p %s%n"
```

A ConfigMap named *wildfly-parameters* contains this YAML-formatted data referenced by a key *config.yml* and is picked up by an init container.

Finally, we need the Deployment resource for the WildFly server ([Example 21-4](#)).

Example 21-4. Deployment with template processor as Init Container

```
apiVersion: extensions/v1beta1
kind: Deployment
metadata:
  labels:
    example: cm-template
  name: wildfly-cm-template
spec:
  replicas: 1
  template:
    metadata:
      labels:
        example: cm-template
    spec:
      initContainers:
        - image: k8spatterns/example-config-cm-template-init ❶
          name: init
          volumeMounts:
            - mountPath: "/params" ❷
```