

```
#localhttprepo.yaml
---
apiVersion: source.toolkit.fluxcd.io/v1beta2
kind: HelmRepository
metadata:
  name: myhelmrepo
  namespace: default
spec:
  interval: 5m0s
  url: http://192.168.2.176:8080
  secretRef:
    name: myhelmrepo-secret
---
apiVersion: v1
kind: Secret
metadata:
  name: myhelmrepo-secret
  namespace: default
stringData:
  username: chartuser
  password: mypass
```

```
# busybox-helm-release.yaml
apiVersion: helm.toolkit.fluxcd.io/v2beta1
kind: HelmRelease
metadata:
  name: busybox
  namespace: default
spec:
  interval: 1m
  chart:
    spec:
      chart: busybox
      version: 0.1.0
      sourceRef:
```

```
kind: HelmRepository
name: myhelmrepo
namespace: default
interval: 1m
```

- Do the Git stuff:

```
git branch -b "local-http-helm-repo"
git add -A
git commit -m "Creates the Helm repository and release"
git push --set-upstream origin local-http-helm-repo
# Create and merge the MR
```

- Reconcile Flux CD and check for the created resources:

```
flux reconcile kustomization flux-system --with-source
kubectl get helmrelease
kubectl get helmchart
kubectl get pods
```