

- Run

```
kubectl get gitrepo -n flux-system
```

- Run:

```
kubectl get secrets -n flux-system  
kubectl get secret flux-system -n flux-system -o  
jsonpath='{.data.password}' | base64 -d
```

- Run:

```
kubectl get clusterrolebindings | grep flux
```

- Navigate to <https://github.com/stefanprodan/podinfo>
- Go the kustomize directory.
- Go back to the terminal.
- Open the `podinfo-repo.yaml` file.
- Add the following content:

```
apiVersion: source.toolkit.fluxcd.io/v1  
kind: GitRepository  
metadata:  
  name: podinfo  
  namespace: flux-system  
spec:  
  interval: 30s  
  ref:  
    branch: master  
  url: https://github.com/stefanprodan/podinfo
```

- Save and quit the file. Open a new file called `pod info-kustomization.yaml` and add the following:

```
apiVersion: kustomize.toolkit.fluxcd.io/v1
kind: Kustomization
metadata:
  name: podinfo
  namespace: flux-system
spec:
  interval: 5m0s
  path: ./kustomize
  prune: true
  sourceRef:
    kind: GitRepository
    name: podinfo
  targetNamespace: default
```

- Commit and push the changes to the remote repository:

```
git add -A
git commit -m "Adds the podinfo repo and kustomization"
git push
```

- Wait for the changes to get synced to the cluster:

```
flux get kustomizations --watch
```

- Once the the syncing is done, we need to see the podinfo pods. Run:

```
kubectl get pods
```

- Use the port-forward command to start the service as follows:

```
kubectl port-forward pod_name 9898:9898 --address 0.0.0.0
```

