Create Git repo

Fork project <https://gitlab.com/ow1435929/nginx-proj.git>

Create a secret

kubectl create secret generic gitlab-auth --from-literal=username=amitopenwriteup --from-literal=password="glft-QrF9Tv2etiCC24fiyUsp" -n nginx

Create a gitrepo.yaml

apiVersion: source.toolkit.fluxcd.io/v1

kind: GitRepository

metadata:

name: my-git-repo

namespace: nginx

spec:

interval: 1m

url: https://gitlab.com/ow1435929/nginx-proj.git

ref:

branch: main

secretRef:

name: gitlab-auth

Create a helmreleasegit.yaml

apiVersion: helm.toolkit.fluxcd.io/v2

kind: HelmRelease

metadata:

name: my-git-nginx

namespace: nginx

spec:

interval: 10m

chart:

spec:

chart: nginx-conf # Path to the chart in the Git repo

sourceRef:

kind: GitRepository

name: my-git-repo

namespace: nginx

values:

replicaCount: 1

use kubectl command to create gitrepo and helmrelease

kubectl create -f gitrepo.yaml

kubectl create -f helmreleasegit.yaml

flux command to check

flux get source git my-git-repo -n flux-system

flux get helmrelease my-git-nginx -n nginx