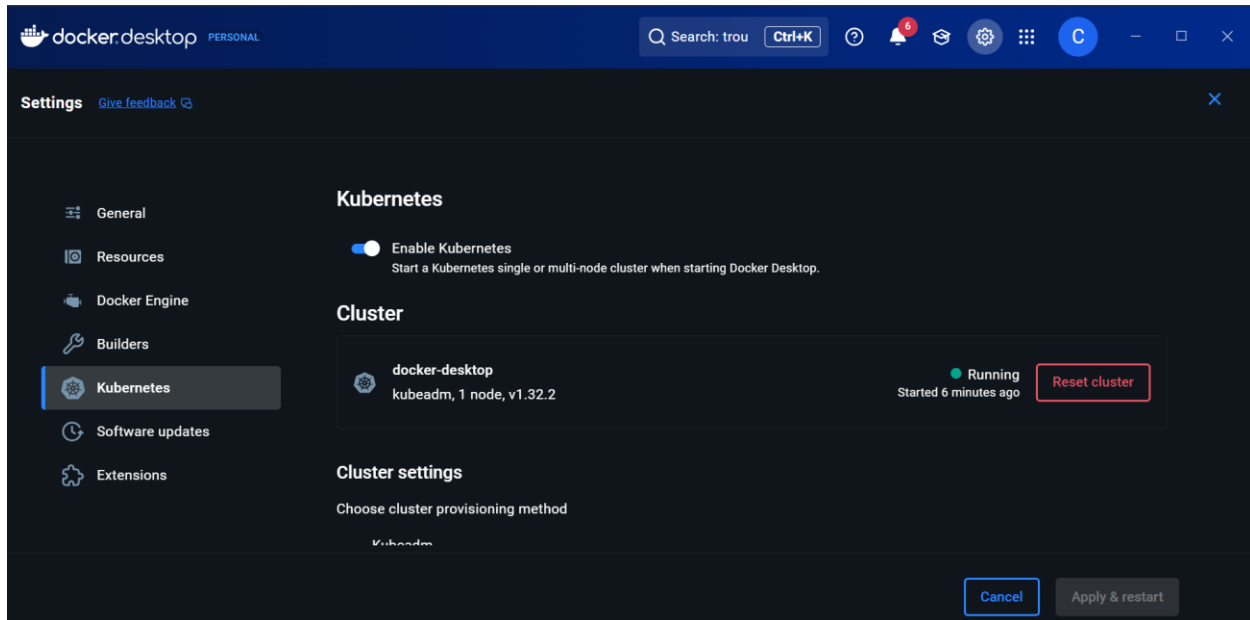


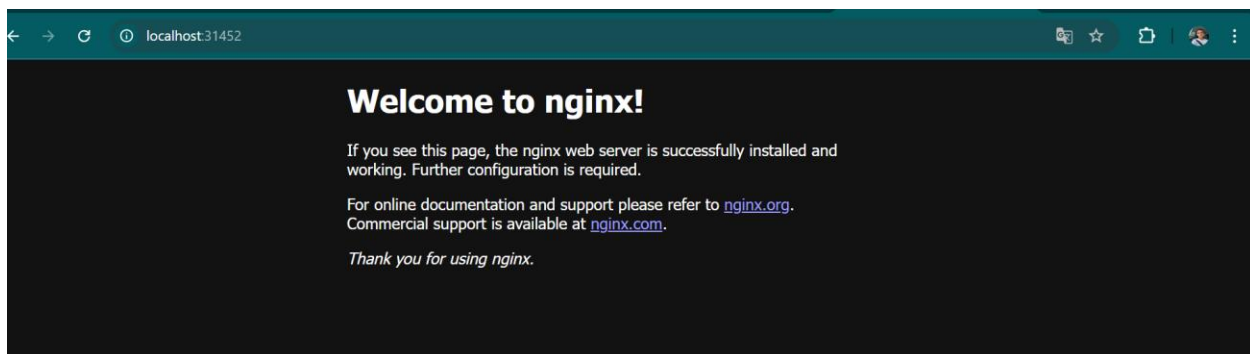
## Habilitar Kubernetes en Docker Desktop:



## Crear deployment y exponerlo:

```
deployment.apps/nginx-deploy created
PS C:\Users\carlo> kubectl get pods
NAME                                READY   STATUS             RESTARTS   AGE
nginx-deploy-c9d9f6c6c-w5ltw        0/1     ContainerCreating   0           12s
PS C:\Users\carlo> kubectl expose deployment nginx-deploy --type=NodePort --port=80
service/nginx-deploy exposed
PS C:\Users\carlo> kubectl get services
NAME            TYPE        CLUSTER-IP    EXTERNAL-IP   PORT(S)          AGE
kubernetes      ClusterIP   10.96.0.1     <none>        443/TCP          3m31s
nginx-deploy     NodePort    10.99.209.233 <none>        80:31452/TCP     36s
```

## Abrir en el navegador:



Escalar:

```
PS C:\Users\carlo> kubectl scale deployment nginx-deploy --replicas=3
deployment.apps/nginx-deploy scaled
PS C:\Users\carlo> kubectl get pods
NAME                                READY   STATUS    RESTARTS   AGE
nginx-deploy-c9d9f6c6c-8lwms       1/1     Running   0           8s
nginx-deploy-c9d9f6c6c-q7cwt       1/1     Running   0           8s
nginx-deploy-c9d9f6c6c-w5ltw       1/1     Running   0          10m
PS C:\Users\carlo> 
```

Limpiar:

```
PS C:\Users\carlo> kubectl delete service nginx-deploy
service "nginx-deploy" deleted
PS C:\Users\carlo> kubectl delete deployment nginx-deploy
deployment.apps "nginx-deploy" deleted
PS C:\Users\carlo> 
```