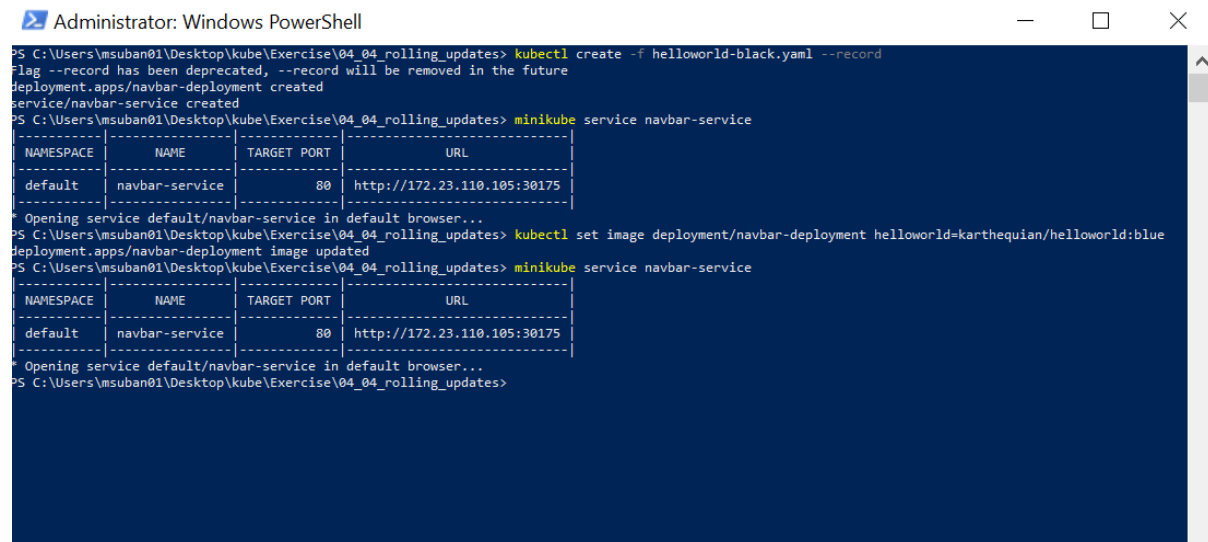


Handling application upgrade

After creating a api we can modify the image using: `kubectl set image deployment/[deployment Name] [containerName]=[updatedimage Name]`

Refreshing the browser shows updated image



```
Administrator: Windows PowerShell

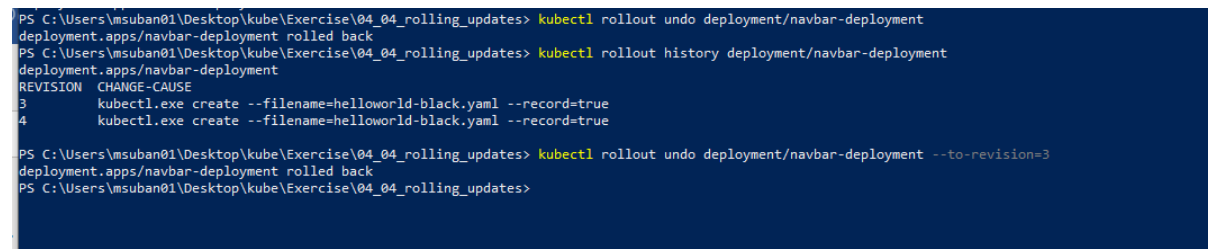
PS C:\Users\msuban01\Desktop\kube\Exercise\04_04_rolling_updates> kubectl create -f helloworld-black.yaml --record
Flag --record has been deprecated, --record will be removed in the future
deployment.apps/navbar-deployment created
service/navbar-service created
PS C:\Users\msuban01\Desktop\kube\Exercise\04_04_rolling_updates> minikube service navbar-service
NAMESPACE      NAME          TARGET PORT  URL
-----
default        navbar-service 80           http://172.23.110.105:30175
* Opening service default/navbar-service in default browser...
PS C:\Users\msuban01\Desktop\kube\Exercise\04_04_rolling_updates> kubectl set image deployment/navbar-deployment helloworld=karthequian/helloworld:blue
deployment.apps/navbar-deployment image updated
PS C:\Users\msuban01\Desktop\kube\Exercise\04_04_rolling_updates> minikube service navbar-service
NAMESPACE      NAME          TARGET PORT  URL
-----
default        navbar-service 80           http://172.23.110.105:30175
* Opening service default/navbar-service in default browser...
PS C:\Users\msuban01\Desktop\kube\Exercise\04_04_rolling_updates>
```

>To rollback a change use: `kubectl rollback undo deployment/[deploymentName]`

>Alternatively to go back to a specific version use

-`kubectl rollout history deployment/navbar-deployment`

- `kubectl rollback undo deployment/[deploymentName] --to-revision=[versionnumber]`



```
PS C:\Users\msuban01\Desktop\kube\Exercise\04_04_rolling_updates> kubectl rollout undo deployment/navbar-deployment
deployment.apps/navbar-deployment rolled back
PS C:\Users\msuban01\Desktop\kube\Exercise\04_04_rolling_updates> kubectl rollout history deployment/navbar-deployment
deployment.apps/navbar-deployment
REVISION  CHANGE-CAUSE
3         kubectl.exe create --filename=helloworld-black.yaml --record=true
4         kubectl.exe create --filename=helloworld-black.yaml --record=true
PS C:\Users\msuban01\Desktop\kube\Exercise\04_04_rolling_updates> kubectl rollout undo deployment/navbar-deployment --to-revision=3
deployment.apps/navbar-deployment rolled back
PS C:\Users\msuban01\Desktop\kube\Exercise\04_04_rolling_updates>
```