

Namespace 목록조회

kubectl get namespace

```
root@labs-910775232:/home/project/Kubernetes-basic# kubectl get namespace
NAME                STATUS    AGE
default              Active    14h
kube-node-lease      Active    14h
kube-public          Active    14h
kube-system          Active    14h
```

namespace 생성

kubectl create namespace jung2uncan
kubectl get ns

```
root@labs-910775232:/home/project/container-orchestration/yaml# kubectl create namespace jung2uncan
namespace/jung2uncan created
root@labs-910775232:/home/project/container-orchestration/yaml# kubectl get ns
NAME                STATUS    AGE
default              Active    105m
jung2uncan           Active    4s
kube-node-lease      Active    105m
kube-public          Active    105m
kube-system          Active    105m
```

```
root@labs-910775232:/home/project/container-orchestration/yaml# kubectl get all --namespace jung2uncan
NAME                READY   STATUS    RESTARTS   AGE
pod/nginx-6799fc88d8-fpkqr   1/1     Running   0           7m2s

NAME                READY   UP-TO-DATE   AVAILABLE   AGE
deployment.apps/nginx   1/1     1            1           7m2s

NAME                DESIRED   CURRENT   READY   AGE
replicaset.apps/nginx-6799fc88d8   1         1         1       7m2s
```

➡ Namespace 지정하여 목록조회

namespace 상에 객체 배포

```
kubectl create deploy nginx --image=nginx -n jung2uncan
kubectl expose deploy nginx --port=80 -n jung2uncan
kubectl get all -n jung2uncan
```

```
namespace/jung2uncan created
root@labs-910775232:/home/project/Kubernetes-basic# kubectl create deploy nginx --image=nginx -n jung2uncan
deployment.apps/nginx created
root@labs-910775232:/home/project/Kubernetes-basic# kubectl expose deploy nginx --port=80 -n jung2uncan
service/nginx exposed
root@labs-910775232:/home/project/Kubernetes-basic# kubectl get all -n jung2uncan
```

NAME	READY	STATUS	RESTARTS	AGE
pod/nginx-6799fc88d8-lbr7m	1/1	Running	0	17s

NAME	TYPE	CLUSTER-IP	EXTERNAL-IP	PORT(S)	AGE
service/nginx	ClusterIP	10.100.231.9	<none>	80/TCP	9s

NAME	READY	UP-TO-DATE	AVAILABLE	AGE
deployment.apps/nginx	1/1	1	1	17s

NAME	DESIRED	CURRENT	READY	AGE
replicaset.apps/nginx-6799fc88d8	1	1	1	17s

namespace 삭제

```
kubectl delete ns jung2uncan
```

```
root@labs-910775232:/home/project/Kubernetes-basic# kubectl delete ns jung2uncan
namespace "jung2uncan" deleted
```