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## Namespaces

In Kubernetes, a namespace is a way to divide cluster resources between multiple users/teams. Namespaces are intended for use in environments with many users spread across multiple teams, or projects, or environments like development, staging, and production.

When you do

kubectl get pods	
it gets you the pods in the default namespace	
Creating a new namespace	
Create a new namespace	
kubectl create namespace backend-team	
Get all the namespaces	
kubectl get namespaces	
Get all pods in the namespace	
kubectl get pods -n my-namespace	
Create the manifest for a deployment in the namespace	
apiVersion: apps/vl kind: Deployment metadata: name: nginx-deployment namespace: backend-team spec:	
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matchLabels:

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app: nginx	
template:	
metadata:	
labels:	
app: nginx	
spec:	
containers:	
- name: nginx	
image: nginx:latest	
ports:	
- containerPort: 80	
Apply the manifest	
kubectl apply -f deployment-ns.yml	
Get the deployments in the namespace	
kubectl get deployment -n backend-team	
Get the pods in the namespace	
kubectl get pods -n backend-team	
Set the default context to be the namespace	
kubectl config set-contextcurrentnamespace=backend-team	
Try seeing the pods now	_
kubectl get pods	
Revert back the kubectl config	
kubectl config set-contextcurrentnamespace=default	