Kubectl

```
chingheilo@Chinghei ~ % kubectl version --client
Client Version: v1.28.2
Kustomize Version: v5.0.4-0.20230601165947-6ce0bf390ce3
chingheilo@Chinghei ~ %
```

```
chingheilo@Chinghei ~ % kubectl get pods -A
NAMESPACE              NAME                                         READY   STATUS    RESTARTS        AGE
kube-system            coredns-5dd5756b68-9hlzq                     1/1     Running   0               4m7s
kube-system            etcd-minikube                                1/1     Running   0               4m20s
kube-system            kube-apiserver-minikube                      1/1     Running   0               4m20s
kube-system            kube-controller-manager-minikube             1/1     Running   0               4m20s
kube-system            kube-proxy-8n8fl                             1/1     Running   0               4m7s
kube-system            kube-scheduler-minikube                      1/1     Running   0               4m20s
kube-system            storage-provisioner                          1/1     Running   1 (3m36s ago)   4m18s
kubernetes-dashboard   dashboard-metrics-scraper-7fd5cb4ddc-cjbnb   1/1     Running   0               96s
kubernetes-dashboard   kubernetes-dashboard-8694d4445c-tmwvk        1/1     Running   0               96s
chingheilo@Chinghei ~ %
```

Minikube

```
chingheilo@Chinghei ~ % curl -LO https://storage.googleapis.com/minikube/releases/latest/minikube-darwin-arm64
sudo install minikube-darwin-arm64 /usr/local/bin/minikube

  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100 87.5M  100 87.5M    0     0  39.9M      0  0:00:02  0:00:02 --:--:-- 40.0M
```

```
chingheilo@Chinghei ~ % minikube start
😄  minikube v1.32.0 on Darwin 13.1 (arm64)
✨  Automatically selected the docker driver
📌  Using Docker Desktop driver with root privileges
👍  Starting control plane node minikube in cluster minikube
🚜  Pulling base image ...
💾  Downloading Kubernetes v1.28.3 preload ...
    > preloaded-images-k8s-v18-v1...:  341.16 MiB / 341.16 MiB  100.00% 22.87 M
    > gcr.io/k8s-minikube/kicbase...:  410.58 MiB / 410.58 MiB  100.00% 24.85 M
🔥  Creating docker container (CPUs=2, Memory=2200MB) ...
🐳  Preparing Kubernetes v1.28.3 on Docker 24.0.7 ...
    ▪ Generating certificates and keys ...
    ▪ Booting up control plane ...
    ▪ Configuring RBAC rules ...
🔗  Configuring bridge CNI (Container Networking Interface) ...
    ▪ Using image gcr.io/k8s-minikube/storage-provisioner:v5
🔎  Verifying Kubernetes components...
🌟  Enabled addons: storage-provisioner, default-storageclass
🏄  Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default
chingheilo@Chinghei ~ %
```