

```
base ~/Documents/GitHub (37.252s)
brew install minikube
Removing: /Users/Munachi/Library/Logs/homebrew/ruby... (64B)
Removing: /Users/Munachi/Library/Logs/Homebrew/gnutls... (64B)
Removing: /Users/Munachi/Library/Logs/Homebrew/gsettings-desktop-schemas... (1.2KB)
Pruned 0 symbolic links and 4 directories from /opt/homebrew
==> Caveats
==> minikube
zsh completions have been installed to:
/opt/homebrew/share/zsh/site-functions

base ~/Documents/GitHub (4m 3.28s)
minikube start
🐶 minikube v1.32.0 on Darwin 14.1 (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% 14.79 M
> gcr.io/k8s-minikube/kicbase...: 410.58 MiB / 410.58 MiB 100.00% 14.59 M
🔥 Creating docker container (CPUs=2, Memory=4000MB) ...
🚢 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) ...
🔍 Verifying Kubernetes components...
  ▪ Using image gcr.io/k8s-minikube/storage-provisioner:v5
🌟 Enabled addons: storage-provisioner, default-storageclass
👉 Done! kubectl is now configured to use "minikube" cluster and "default" namespace by default

base ~/Documents/GitHub * minikube (0.359s)
kubectl get po -A

NAMESPACE   NAME                                     READY   STATUS    RESTARTS   AGE
kube-system  coredns-5dd5756b68-5xdlg              1/1     Running   0           7m50s
kube-system  etcd-minikube                         1/1     Running   0           8m2s
kube-system  kube-apiserver-minikube               1/1     Running   0           8m3s
kube-system  kube-controller-manager-minikube      1/1     Running   0           8m2s
kube-system  kube-proxy-4xkbc                     1/1     Running   0           7m50s
kube-system  kube-scheduler-minikube              1/1     Running   0           8m5s
kube-system  storage-provisioner                   1/1     Running   1 (7m18s ago) 7m58s

base ~/Documents/GitHub/Lab2
```

```
base ~/Documents/GitHub * minikube (0.359s)
kubect! get po -A

base ~/Documents/GitHub * minikube (0.546s)
kubect! create deployment balanced --image=kicbase/echo-server:1.0
kubect! expose deployment balanced --type=LoadBalancer --port=8080

deployment.apps/balanced created
service/balanced exposed

base ~/Documents/GitHub (12.838s)
minikube tunnel
[checkmark] Tunnel successfully started
[red pin] NOTE: Please do not close this terminal as this process must stay alive for the tunnel to be accessible ...
[red pin] Starting tunnel for service balanced.
^C[hand] Stopped tunnel for service balanced.

base ~/Documents/GitHub * minikube (0.333s)
kubect! get services balanced

NAME      TYPE        CLUSTER-IP    EXTERNAL-IP    PORT(S)        AGE
balanced  LoadBalancer  10.96.110.47  127.0.0.1      8080:31609/TCP  39s

base ~/Documents/GitHub (1.372s)
minikube pause
" Pausing node minikube ...
" Paused 14 containers in: kube-system, kubernetes-dashboard, storage-gluster, istio-operator

base ~/Documents/GitHub (1.378s)
minikube unpause
" Unpausing node minikube ...
" Unpaused 14 containers in: kube-system, kubernetes-dashboard, storage-gluster, istio-operator

base ~/Documents/GitHub (0.027s)
minikube stop
zsh: command not found: minikube

base ~/Documents/GitHub/Lab2
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```
base ~/Documents/GitHub (11.119s)
curl -LO "https://dl.k8s.io/release/$(curl -L -s https://dl.k8s.io/release/stable.txt)/bin/darwin/arm64/kubect1"
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left   Speed
100  138    100    138    0     0  1375      0 --:--:-- --:--:-- --:--:--  1468
100 53.0M    100 53.0M    0     0 5092k      0 0:00:10 0:00:10 --:--:-- 5546k

base ~/Documents/GitHub (0.045s)
chmod +x ./kubect1

base ~/Documents/GitHub (0.02s)
ls
Blockchain          Lab1                django-react-boilerplate-main  reimagined-innovation
Chat                Signal-iOS          getLocation                  serviceDefinitions
Docker-ETH          SimpleMBComp        infra                        vocode-Ekogenie
EkoGenie            Temporary          jobby-ai
EmergencyGPT        assignmentOne       kubect1
IOSclient           deconstruct.thevarsity.ca  lab3

base ~/Documents/GitHub (7.242s)
sudo mv ./kubect1 /usr/local/bin/kubect1
sudo chown root: /usr/local/bin/kubect1

Password:
Sorry, try again.
Password:

base ~/Documents/GitHub (0.211s)
kubect1 version --client
Client Version: v1.29.1
Kustomize Version: v5.0.4-0.20230601165947-6ce0bf390ce3

(base) ~/Documents/GitHub (0.039s)
rm kubect1.sha256

rm: kubect1.sha256: No such file or directory

base ~/Documents/GitHub (0.225s)
base ~/Documents/GitHub/Lab2
|
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