

Pods

» Volumes

Empty Dir Volume

Define a Pod that uses an EmptyDir volume.

```
cat > volumes-empty.yaml <<EOF
apiVersion: v1
kind: Pod
metadata:
  name: volumes-empty
spec:
  containers:
    - name: server
      image: nginx:1.13-alpine
      ports:
        - containerPort: 80
          protocol: TCP
      volumeMounts:
        - mountPath: /var/www/html/
          name: volume-data
    - name: side-car
      image: busybox
      command: ["/bin/sleep","600"]
      volumeMounts:
        - mountPath: /data
          name: volume-data
  volumes:
    - name: volume-data
      emptyDir: {}
EOF
```

Create a Pod using an EmptyDir volume.

```
kubectl create -f volumes-empty.yaml
```

Use the empty volume.

```
kubectl exec -it volumes-empty -c server /bin/sh
mount | grep /var/www/html
touch /var/www/html/index.html
ls /var/www/html/
exit
```

```
kubectl exec -it volumes-empty -c side-car /bin/sh
ls /data
exit
```

Clean Up

Delete the resources when you are finished.

```
kubectl delete pod volumes-empty
```