



VOLUMES AND DATA

Volumes and Data

Volume Spec

One of the many types of storage available is an **emptyDir**. The kubelet will create the directory in the container, but not mount any storage. Any data created is written to the shared container space. As a result, it would not be persistent storage. When the Pod is destroyed, the directory would be deleted along with the container.

```
apiVersion: v1
kind: Pod
metadata:
  name: ford Pinto
  namespace: default
spec:
  containers:
    - image: simpleapp
      name: gastank
      command:
        - sleep
        - "3600"
      volumeMounts:
        - mountPath: /scratch
          name: scratch-volume
  volumes:
    - name: scratch-volume
      emptyDir: {}
```

The YAML file above would create a Pod with a single container with a volume named **scratch-volume** created, which would create the **/scratch** directory inside the container.