# Volume emptydir

1. Create the Pod:

$ kubectl apply -f volumes/pod-volume-emptydir-success.yaml  
pod/pod-volume-emptydir created

1. Check that there is no previous data:

$ kubectl logs pod-volume-emptydir -f  
tail: can't open '/logs/time.txt': No such file or directory  
tail: no files  
2021.04.21 10:26:51  
2021.04.21 10:26:56  
2021.04.21 10:27:01

1. Wait for Pod restart and check that log was appended:

$ kubectl logs pod-volume-emptydir -f  
2021.04.21 10:26:51  
2021.04.21 10:26:56  
2021.04.21 10:27:01  
2021.04.21 10:27:08  
2021.04.21 10:27:13  
2021.04.21 10:27:18

1. Recreate the Pod:

$ kubectl delete pod/pod-volume-emptydir  
pod "pod-volume-emptydir" deleted  
  
$ kubectl apply -f volumes/pod-volume-emptydir-success.yaml  
pod/pod-volume-emptydir created

1. Again, no data at the start:

$ kubectl logs pod-volume-emptydir  
tail: can't open '/logs/time.txt': No such file or directory  
tail: no files  
2020.12.13 21:11:28

1. Clean up:

$ kubectl delete pod/pod-volume-emptydir  
pod "pod-volume-emptydir" deleted

## Solution

1. Create the Pod:

$ kubectl apply -f volumes/pod-volume-emptydir-success.yaml  
pod/pod-volume-emptydir created

1. Check that there is no previous data:

$ kubectl logs pod-volume-emptydir -f  
tail: can't open '/logs/time.txt': No such file or directory  
tail: no files  
2021.06.14 05:06:19  
2021.06.14 05:06:24  
2021.06.14 05:06:29

1. Wait for Pod restart and check that log was appended:

$ kubectl logs pod-volume-emptydir -f  
2021.06.14 05:06:19  
2021.06.14 05:06:24  
2021.06.14 05:06:29  
2021.06.14 05:06:35  
2021.06.14 05:06:40  
2021.06.14 05:06:45

1. Recreate the Pod:

$ kubectl delete pod/pod-volume-emptydir  
pod "pod-volume-emptydir" deleted  
  
$ kubectl apply -f volumes/pod-volume-emptydir-success.yaml  
pod/pod-volume-emptydir created

1. Again, no data at the start:

$ kubectl logs pod-volume-emptydir  
tail: can't open '/logs/time.txt': No such file or directory  
tail: no files  
2020.12.13 21:11:28

1. Clean up:

$ kubectl delete pod/pod-volume-emptydir  
pod "pod-volume-emptydir" deleted