# Isolating Pods from a ReplicaSet

1. Create ReplicaSets from rs/frontend-rs.yaml.
2. Select one Pod and modify its labels to isolate from the ReplicaSet.
3. Check that new Pod has been created.
4. Delete the ReplicaSets.
5. Check that isolated Pod is still working but others are removed.
6. Delete the isolated Pod.

## Solution

1. Create ReplicaSets from rs/frontend-rs.yaml.

$ kubectl create -f rs/frontend-rs.yaml  
replicaset.apps/frontend created

1. Select one Pod and modify its labels to isolate from the ReplicaSet.

$ kubectl get pods --show-labels  
NAME READY STATUS RESTARTS AGE LABELS  
frontend-lcb9v 1/1 Running 0 12s tier=frontend  
frontend-xc4k7 1/1 Running 0 12s tier=frontend  
frontend-zj4dg 1/1 Running 0 12s tier=frontend  
  
$ kubectl label pod/frontend-lcb9v tier=backend --overwrite  
pod/frontend-lcb9v labeled

1. Check that new Pod has been created.

$ kubectl get pods --show-labels  
NAME READY STATUS RESTARTS AGE LABELS  
frontend-2zhbk 1/1 Running 0 5s tier=frontend  
frontend-lcb9v 1/1 Running 0 46s tier=backend  
frontend-xc4k7 1/1 Running 0 46s tier=frontend  
frontend-zj4dg 1/1 Running 0 46s tier=frontend

Pod frontend-2zhbk has been created.

1. Delete the ReplicaSets.

$ kubectl delete rs frontend  
replicaset.apps "frontend" deleted

1. Check that isolated Pod is still working but others are removed.

$ kubectl get pods --show-labels  
NAME READY STATUS RESTARTS AGE LABELS  
frontend-lcb9v 1/1 Running 0 29m tier=backend

1. Delete the isolated Pod.

$ kubectl delete pod frontend-lcb9v  
pod "frontend-lcb9v" deleted