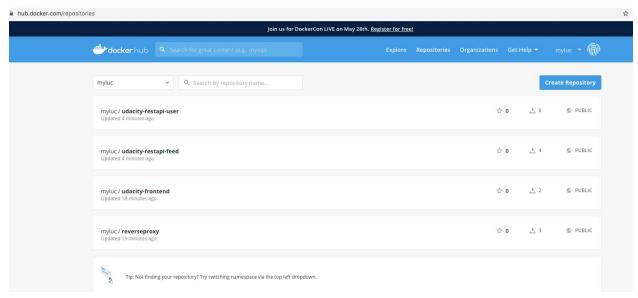
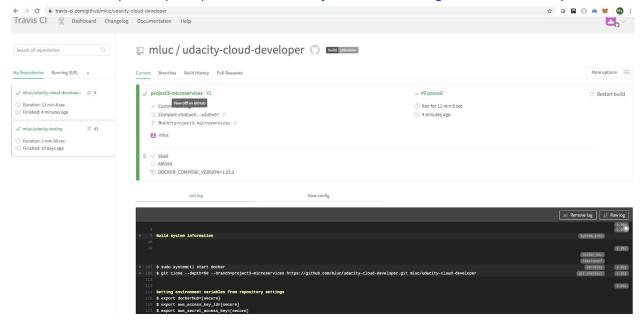
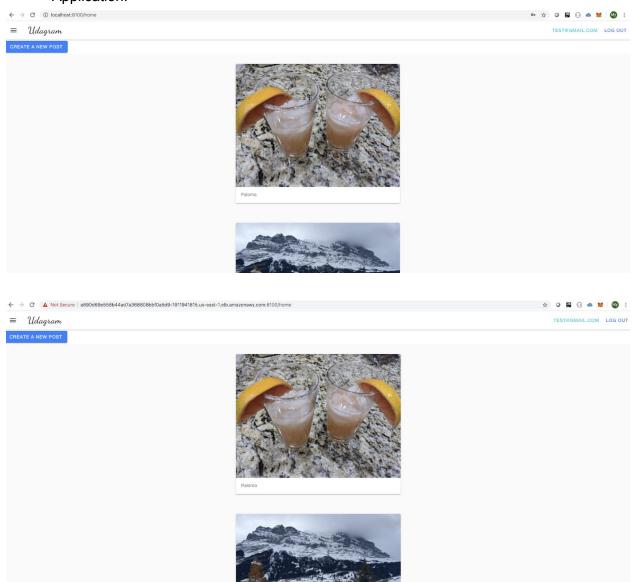
- Dockerhub:



- Travis-ci (see https://api.travis-ci.com/v3/job/335693921/log.txt for more detail)



- Application:



- kubectl get all

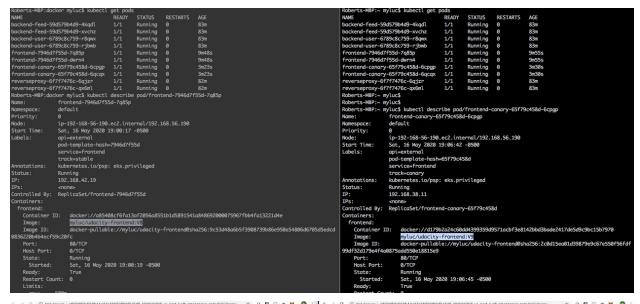
Roberts-MBP:k8s myluc	[decedual]	ant o	11					
NAME	kubecti		READY	STATUS	RESTART	S AGE		
	-6777h -61		1/1	Running		3 AGE 42m		
		1/1	Running		42m			
		1/1	Running		43m			
		1/1	Running		42m			
		1/1	Running		42m			
		1/1	Running		42m			
		1/1	Running		42m			
		1/1	_		42m			
pod/reverseproxy-55/c/	C/030-r3	ZNO	1/1	Running	0	42M		
NAME	TYPE		CLUS	TER-IP	EXTERN	AL-IP	PORT(S)	AGE
service/backend-feed	Cluster	IP	10.1	00.26.115	<none></none>		8080/TCP	62
service/backend-user	Cluster	IP	10.1	00.132.21	2 <none></none>		8080/TCP	62
service/frontend	LoadBal	ancer	10.1	00.60.14	a890d6	9e558b4	kad7a368808bbf0a5d9-1911941815.us-east-1.elb.amazonaws.com 8100:30195/TCP	62
service/kubernetes	Cluster	IP	10.1	00.0.1	<none></none>		443/TCP	94
service/reverseproxy	LoadBal	ancer	10.1	00.225.18	8 af@a93	78d96894	91684073d9c21e96c8-1741251400.us-east-1.elb.amazonaws.com 8080:32346/TCP	62
NAME		READY	UP-	TO-DATE	AVAILABLE	AGE		
deployment.apps/backer		2/2	2		2	62m		
deployment.apps/backer	nd-user	2/2	2		2	62m		
deployment.apps/frontend 2/2		2		2	62m			
deployment.apps/revers	seproxy	2/2	2		2	62m		
NAME				DESIRED	CURRENT	READY	AGE	
	d food 5	each Ea		0 DESTKED	0	0	62m	
			2	2	2	43m		
replicaset.apps/backend-reed-b994ct///b replicaset.apps/backend-user-55b579d94f				9	0	0	45m	
replicaset.apps/backend-user-5505/9a94f replicaset.apps/backend-user-857559f868				2	2	2	62m 43m	
replicaset.apps/backena-user-85/5591868 replicaset.apps/frontend-54c9898684				0	0	0	45m	
replicaset.apps/frontend-54c9898684 replicaset.apps/frontend-679db64ffc				2	2	2	42m	
				2	2	2	42m	
replicaset.apps/reverseproxy-557c7c7d56 replicaset.apps/reverseproxy-6577f9b77				9	0	0	42m 62m	
Roberts-MBP:k8s myluc		577790	,,	0	Ø	O	OZN	

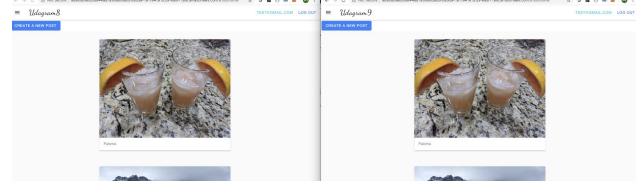
- Rolling update without downtime:

Roberts-MBP:udacity-cloud-devel	oper my	luc\$ kubectl get pods	5	
NAME	READY	STATUS	RESTARTS	AGE
backend-feed-59d579b4d9-4kqdl	0/1	ContainerCreating	0	105
backend-feed-6994cf777b-flnc7	1/1	Running	0	46m
backend-feed-6994cf777b-q85h2	1/1	Running	0	47m
backend-user-857559f868-bmchf	1/1	Running	0	47m
backend-user-857559f868-hxbbd	1/1	Running	0	46m
frontend-679db64ffc-5xz8x	1/1	Running	0	47m
frontend-679db64ffc-gt7w7	1/1	Running	0	47m
reverseproxy-557c7c7d56-nnqdt	1/1	Running	0	46m
reverseproxy-557c7c7d56-r52h5	1/1	Running	0	46m
Roberts-MBP:udacity-cloud-devel	oper my	luc\$ kubectl get pods	5	
NAME	READY	STATUS	RESTARTS	AGE
backend-feed-59d579b4d9-4kqdl	1/1	Running	0	145
backend-feed-59d579b4d9-xvchz	0/1	ContainerCreating	0	05
backend-feed-6994cf777b-flnc7	1/1	Terminating	0	47m
backend-feed-6994cf777b-q85h2	1/1	Running	0	47m
backend-user-6789c8c759-r8qwx	0/1	ContainerCreating	0	15
backend-user-6789c8c759-rjbwb	1/1	Running	0	3s
backend-user-857559f868-bmchf	1/1	Running	0	47m
backend-user-857559f868-hxbbd	1/1	Terminating	0	46m
frontend-679db64ffc-5xz8x	1/1	Running	0	47m
frontend-679db64ffc-gt7w7	1/1	Running	0	47m
reverseproxy-557c7c7d56-nnqdt	1/1	Running	0	46m
reverseproxy-557c7c7d56-r52h5	1/1	Running	0	46m

- A/B deployment: canary deploy is used (2 versions of the same application run simultaneously

NAME	READY	STATUS	RESTARTS	AGE
backend-feed-59d579b4d9-4kqdl	1/1	Running	0	81m
backend-feed-59d579b4d9-xvchz	1/1	Running	0	81m
backend-user-6789c8c759-r8qwx	1/1	Running	0	81m
backend-user-6789c8c759-rjbwb	1/1	Running	0	81m
frontend-7946d7f55d-7q85p	1/1	Running	0	8m5s
frontend-7946d7f55d-dwrn4	1/1	Running	0	8m5s
frontend-canary-65f79c458d-6cpgp	1/1	Running	0	100s
frontend-canary-65f79c458d-6qcqx	1/1	Running	0	100s
reverseproxy-6f7f7476c-6qjzr	1/1	Running	0	81m
reverseproxy-6f7f7476c-qx6ml	1/1	Running	0	81m





Cloudwatch:

