



# The Simplest Guide to Using Blue/Green Deployment in Kubernetes



Dan Garfield, Codefresh

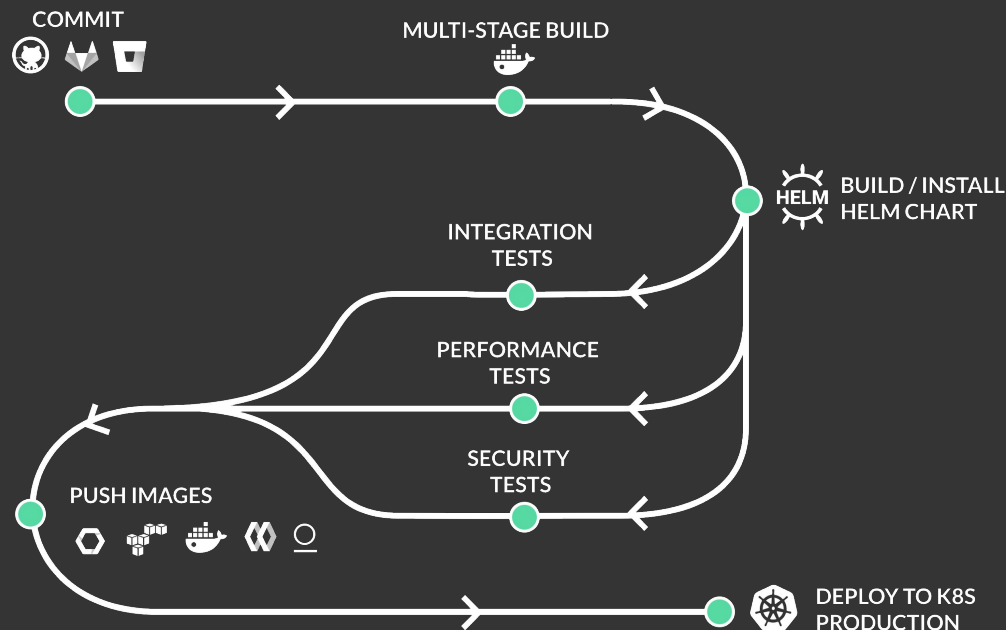
# Dan Garfield

*Chief Technology Evangelist*

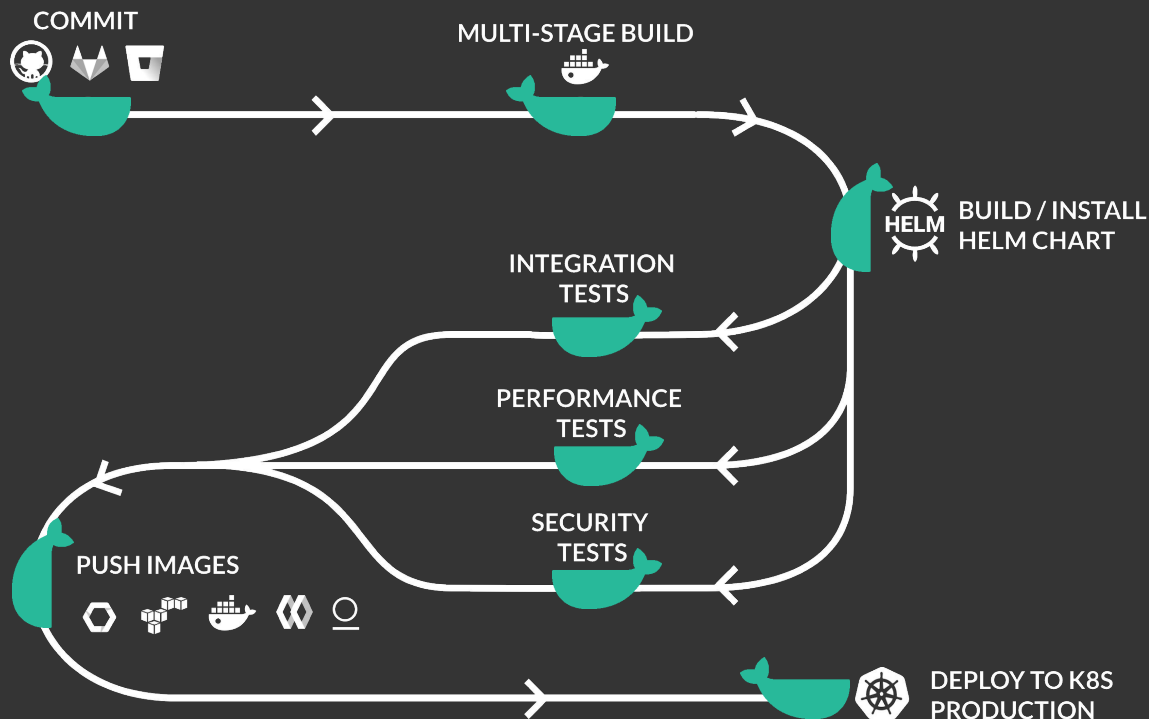
 **codefresh**



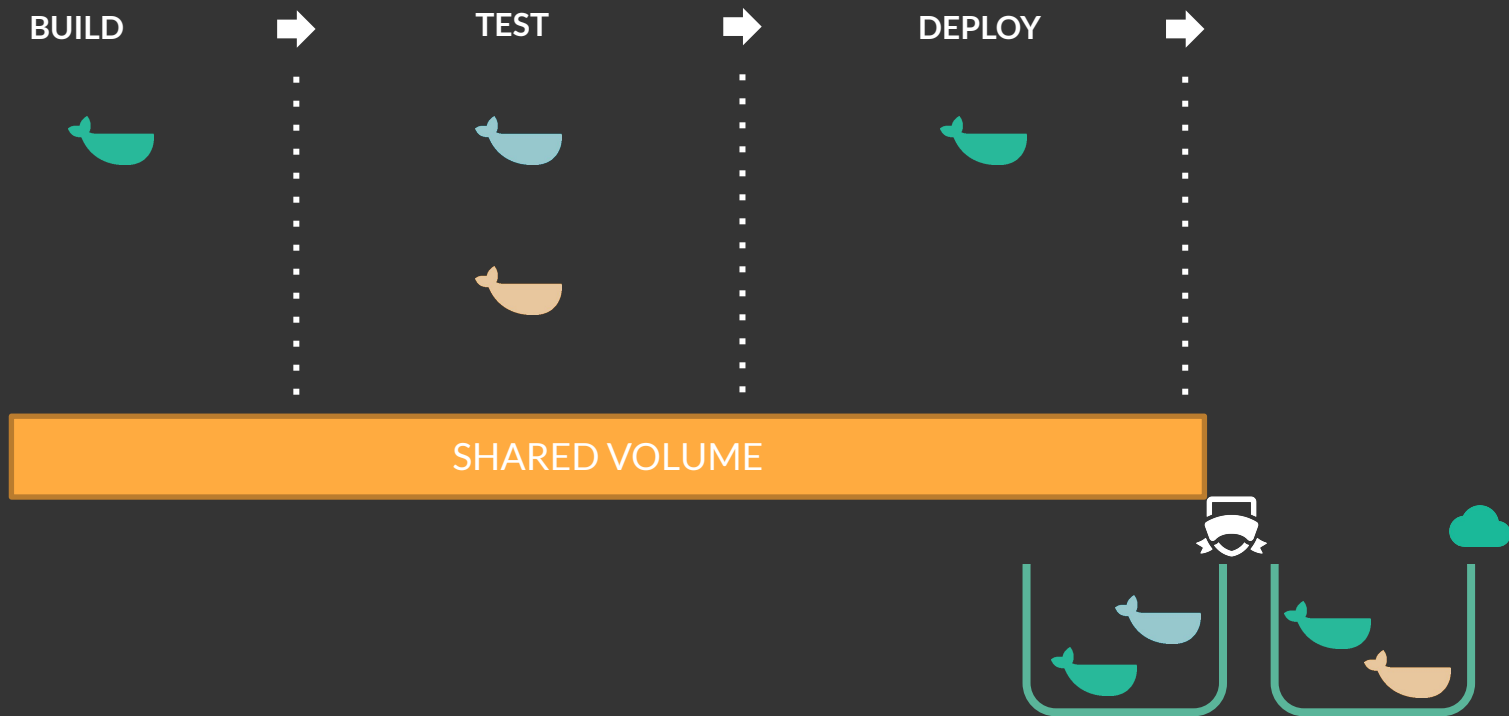
# Codefresh is the 1<sup>st</sup> container-native CI/CD platform



# Every step is a docker image



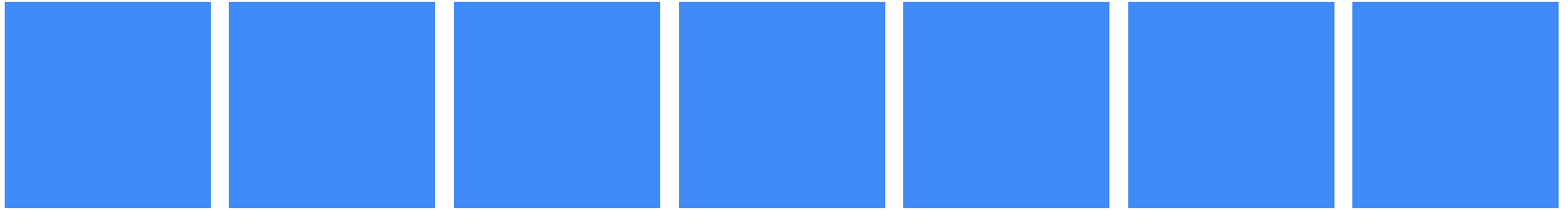
# Easily assemble a pipeline using any public or private image



# What is blue green?

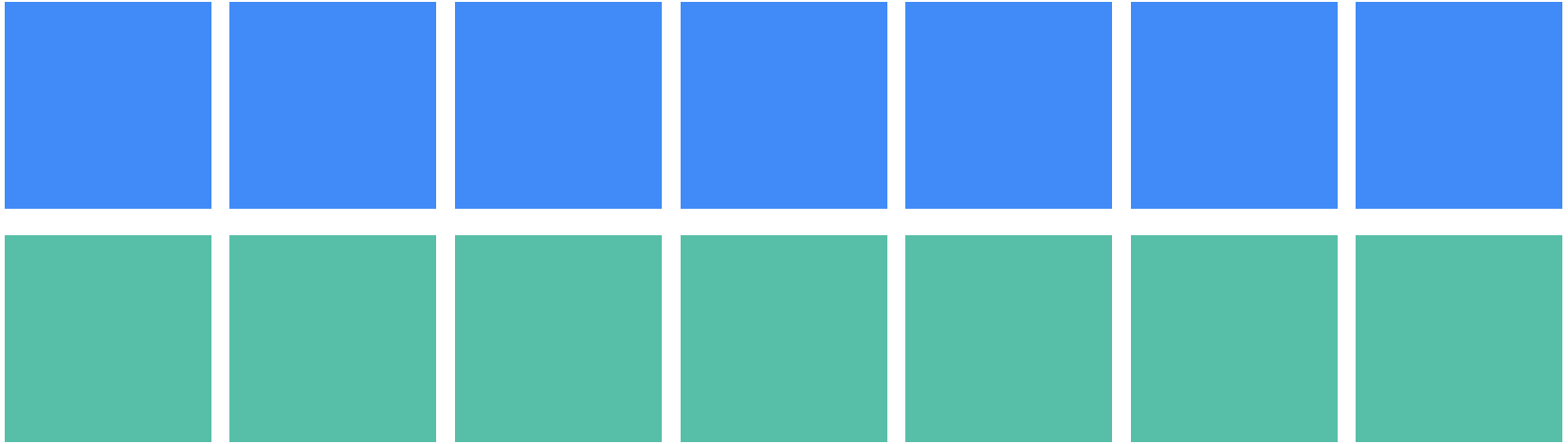


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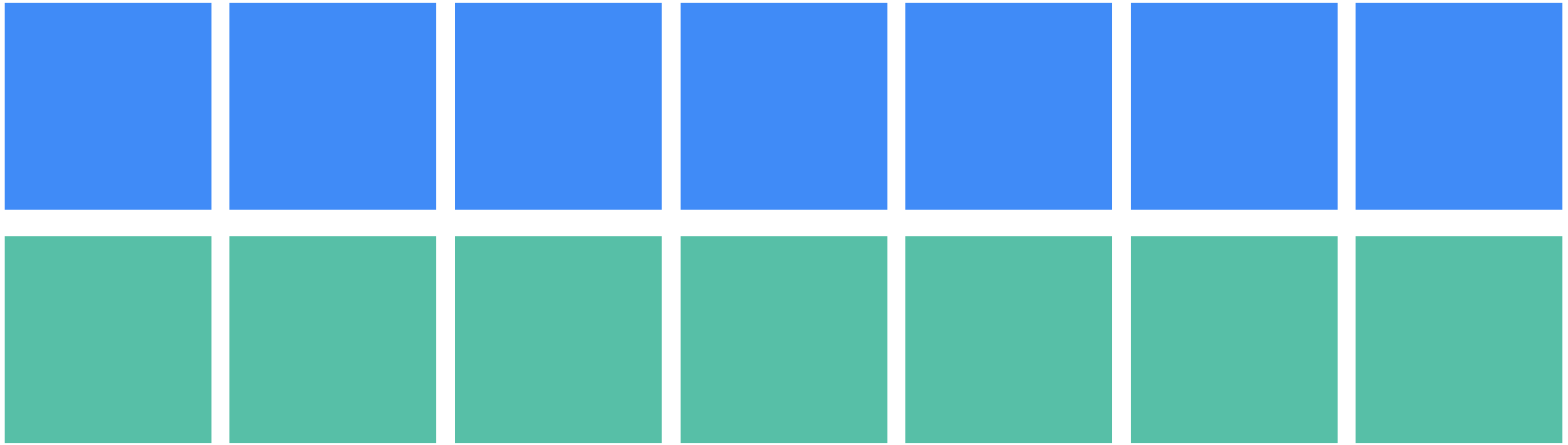
Rolling update



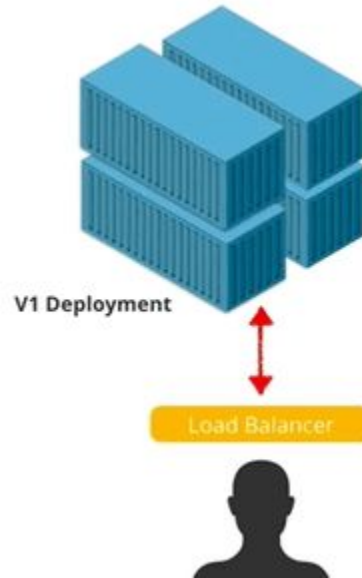


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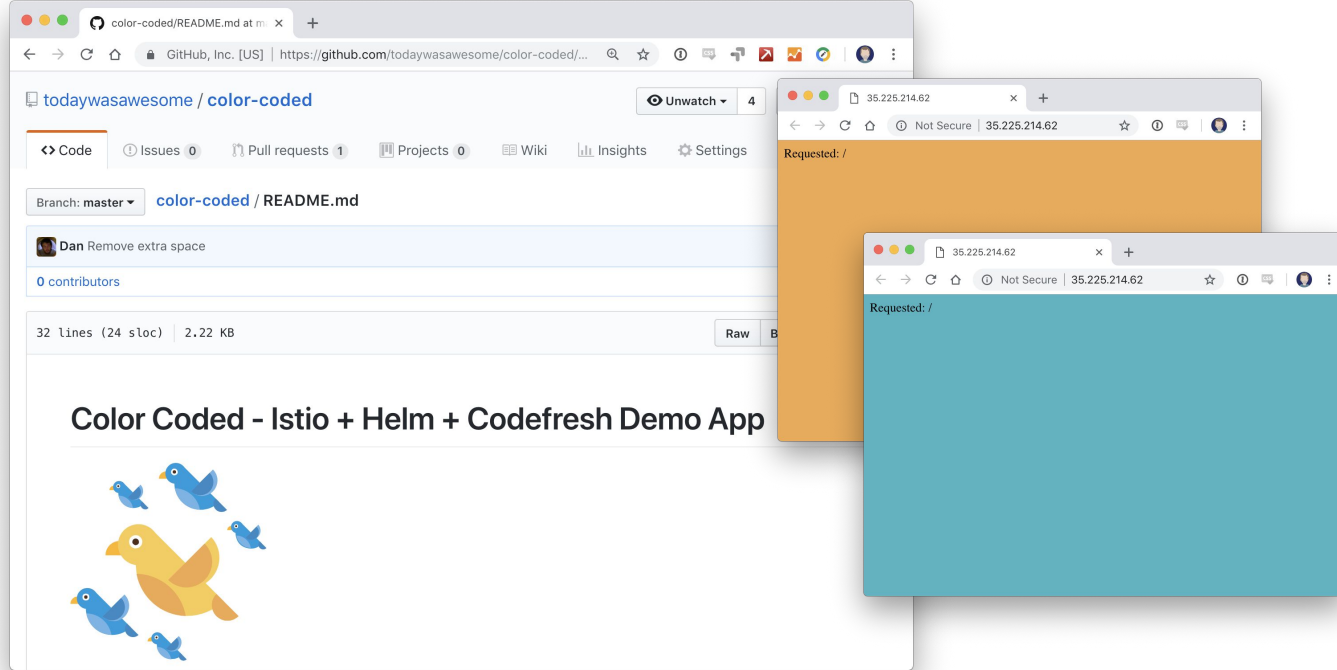
Blue/green



# Blue/Green With Kubernetes



# github.com/todaywasawesome/color-coded



# Check this out:

## “Quick Canary Demo using Istio and Codefresh”

The screenshot shows a Codefresh pipeline interface on the left and a Kubernetes dashboard on the right. The Codefresh interface displays a successful rollout of a canary service, with a traffic mix updated to 70% for the canary. The Kubernetes dashboard shows a grid of pods, with a table below listing the pod details.

NAME	READY	STATUS	RESTARTS	AGE
color-coded-master-499f2f8-78db94d5-48juf	2/2	Running	0	1m
color-coded-master-499f2f8-78db94d5-48juf	1/2	Error	0	1m
color-coded-master-499f2f8-78db94d5-48juf	2/2	Running	0	1m
color-coded-master-4c21586-795d859f8-cod85	2/2	Running	0	24m
color-coded-master-4c21586-795d859f8-h74f7	2/2	Running	0	24m
color-coded-master-4c21586-795d859f8-pen64	2/2	Running	0	24m

# Questions?

Sign up for a **FREE**  
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@ [codefresh.io](https://codefresh.io)

Blog post and guide

<https://codefresh.io/kubernetes-tutorial/blue-green-deploy/>

