

Surfing the Argo CD sync waves

Frédéric Harper

Principal Developer Advocate - Kubefirst

 fharper









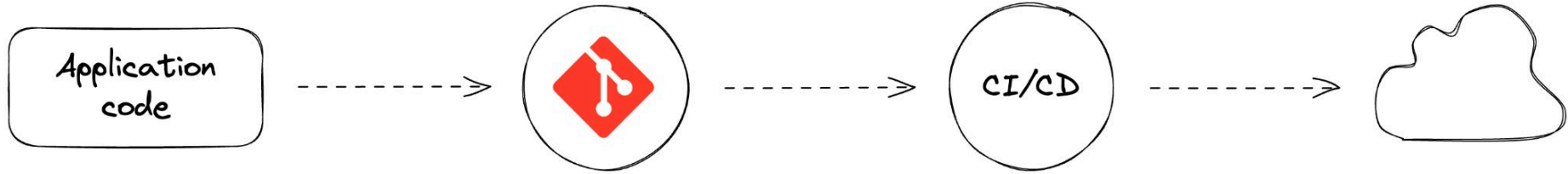




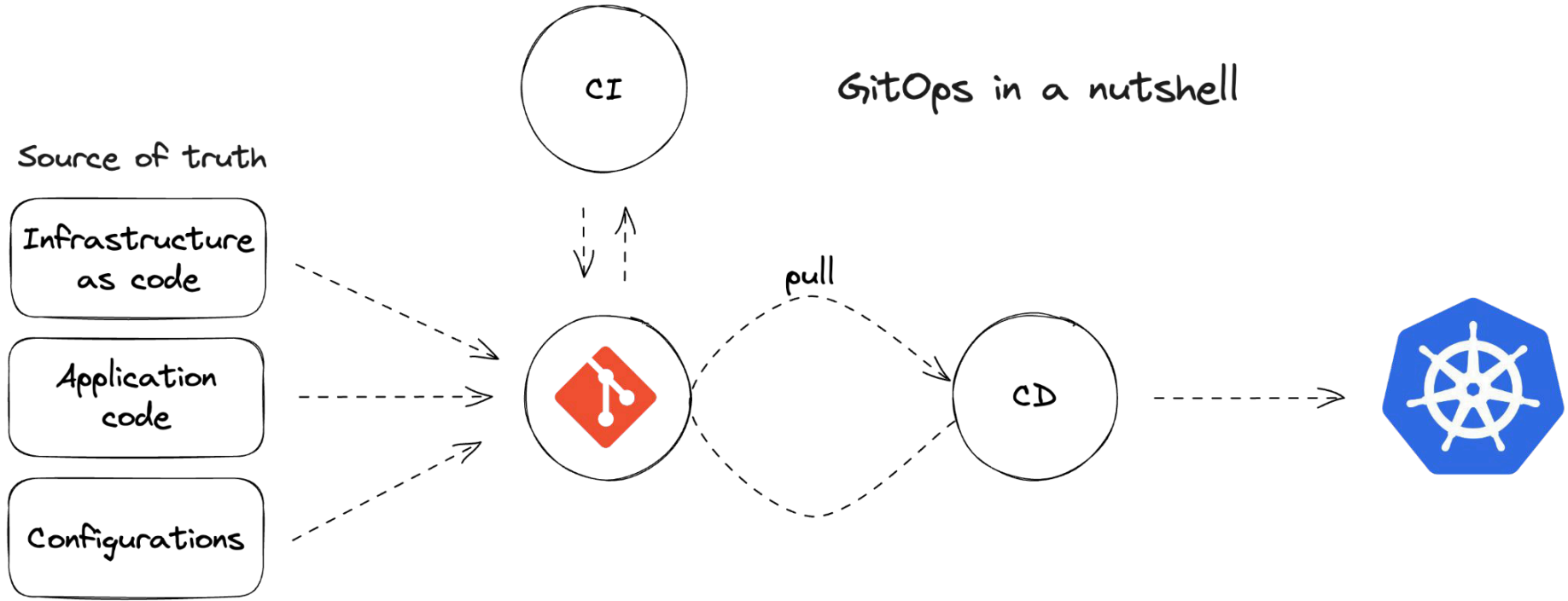
**YA
ML**

GitOps

DevOps in a nutshell



GitOps in a nutshell



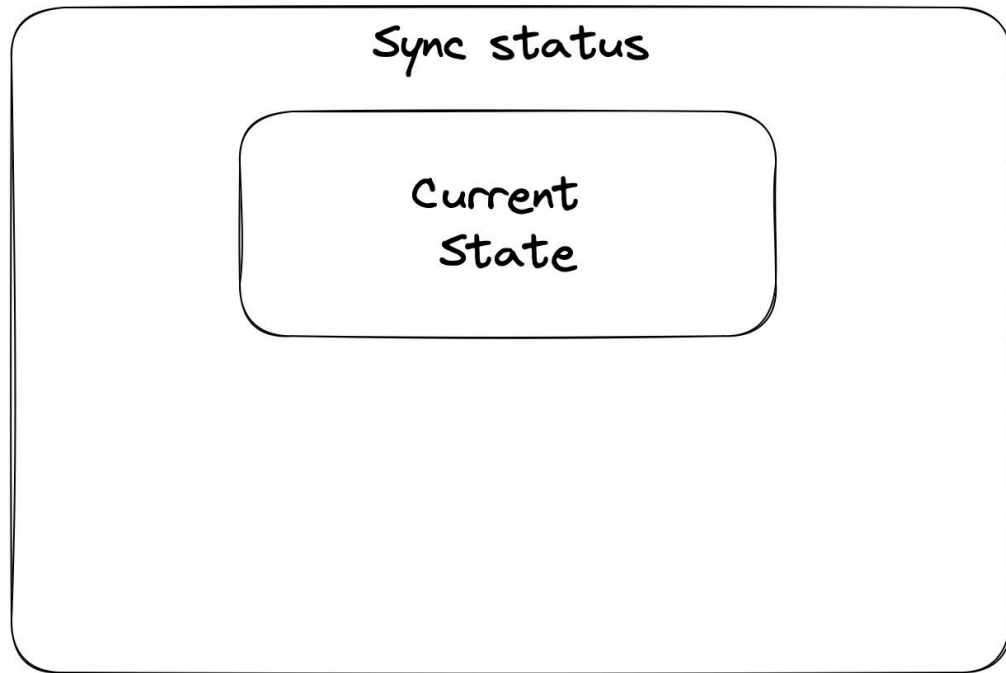
Argo CD



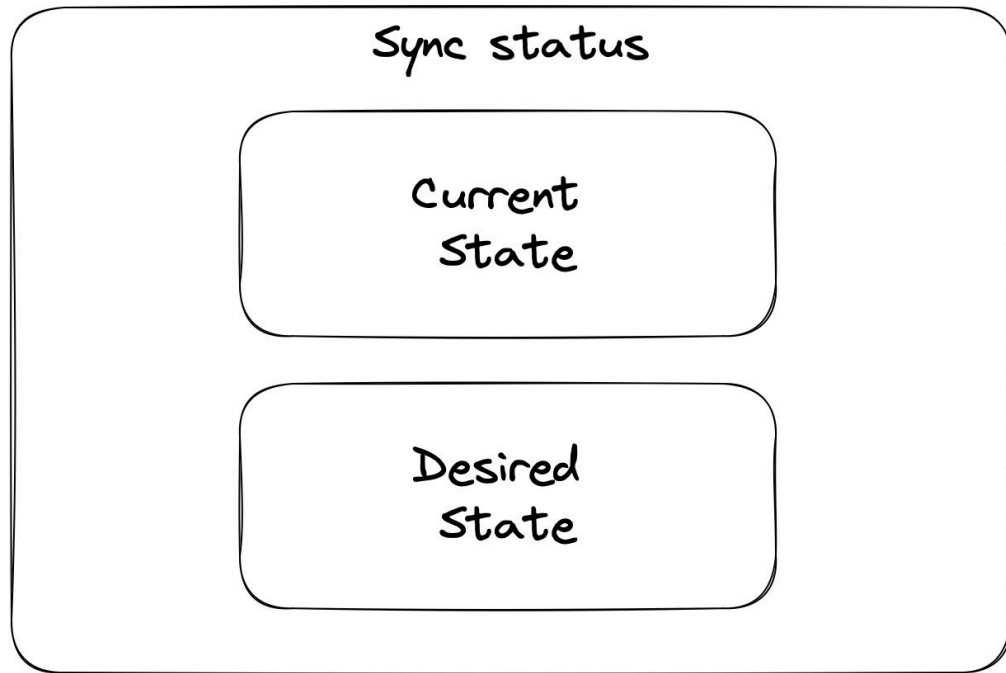
Real-time Updates

Sync status

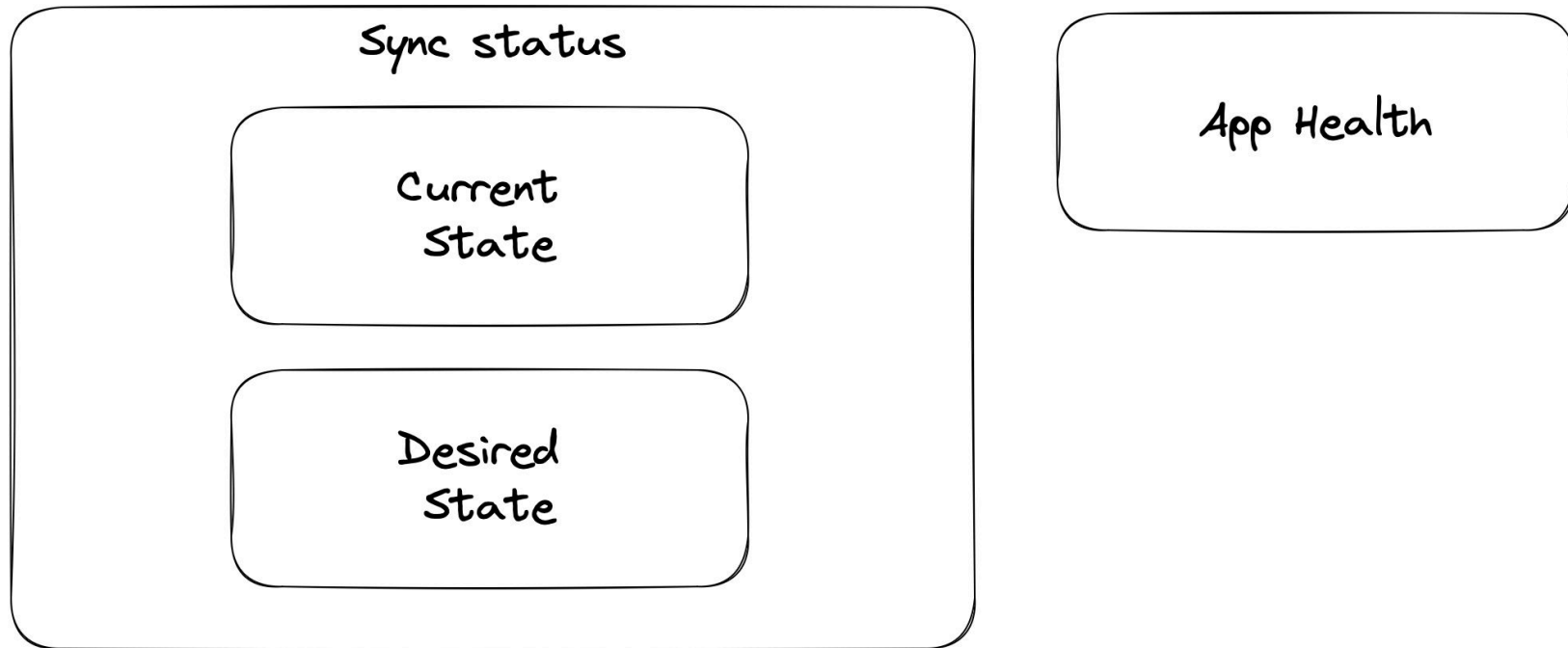
Real-time Updates



Real-time Updates



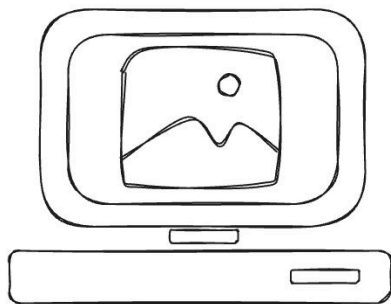
Real-time Updates



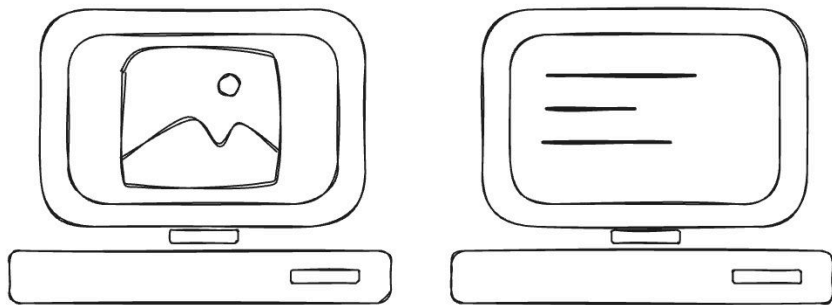
Argo CD in production demo

application deployment

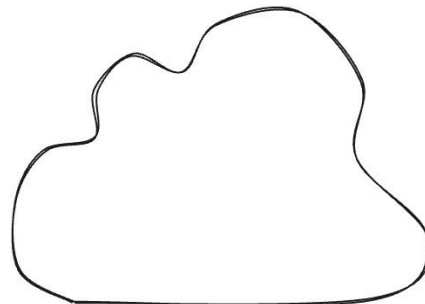
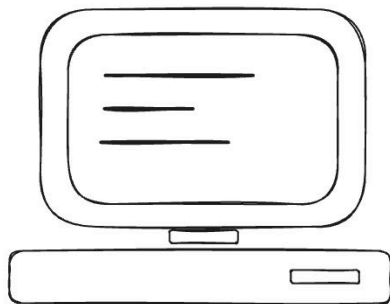
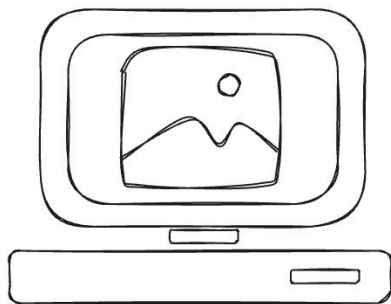
Applications



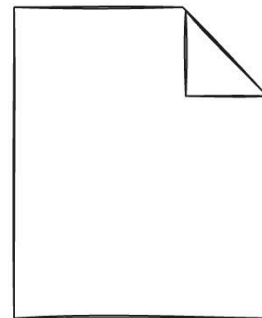
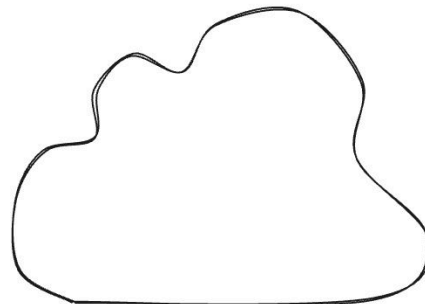
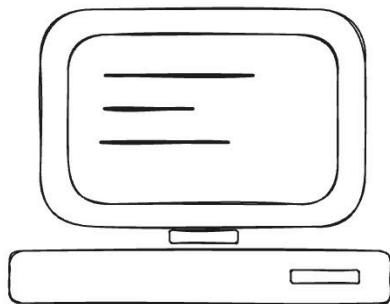
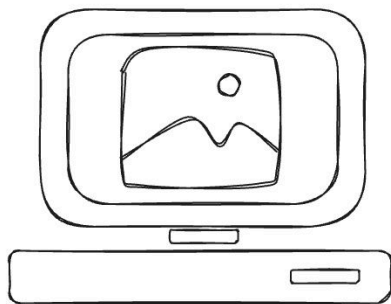
Applications



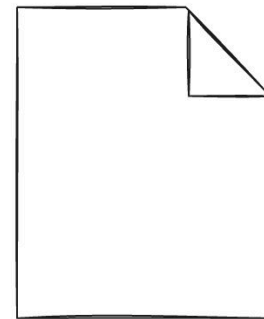
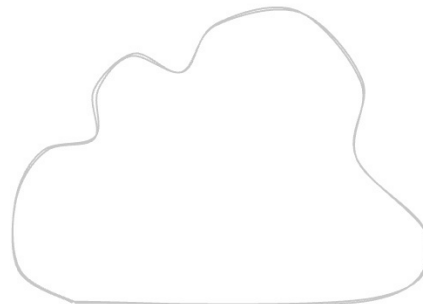
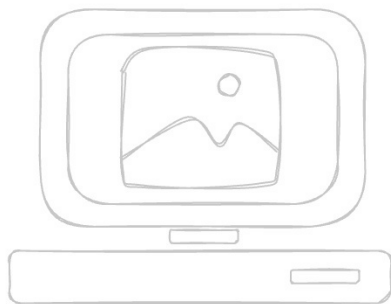
Applications



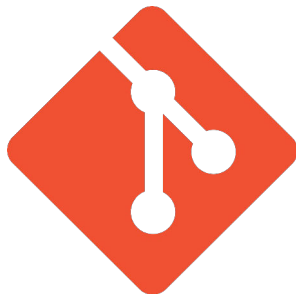
Applications



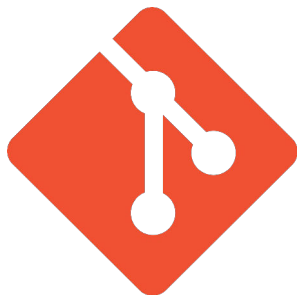
Applications



Applications



Applications



Repositories



Deploying an App demo

sync
waves

Phases & Sync Waves

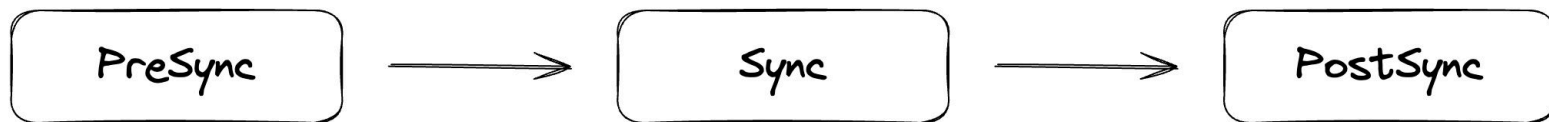
Phases & Sync Waves

PreSync

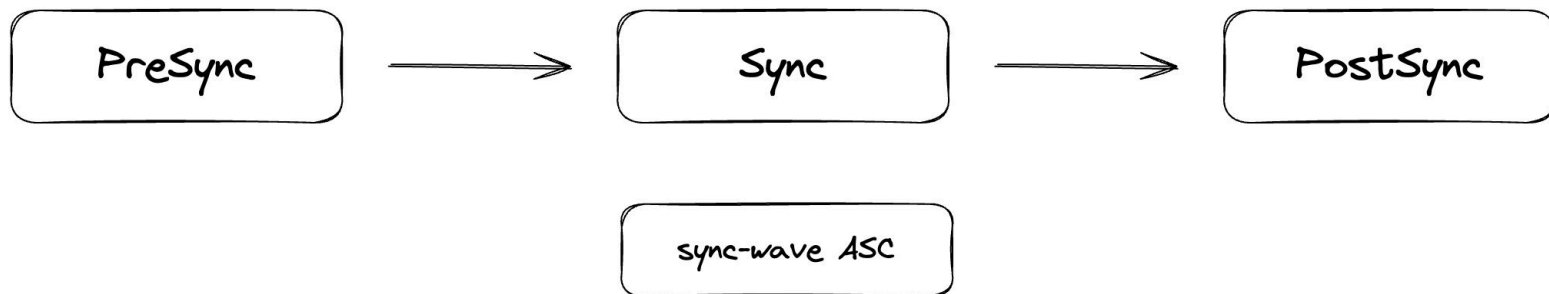
Phases & Sync Waves



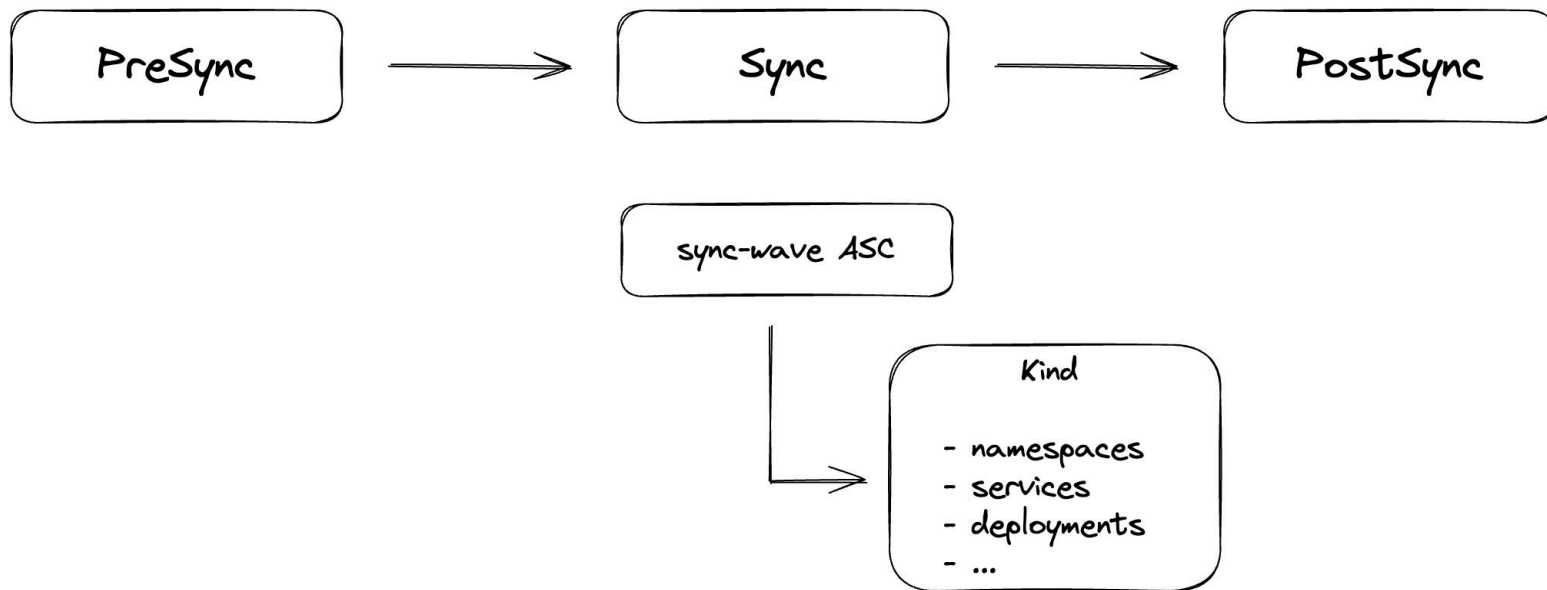
Phases & Sync Waves



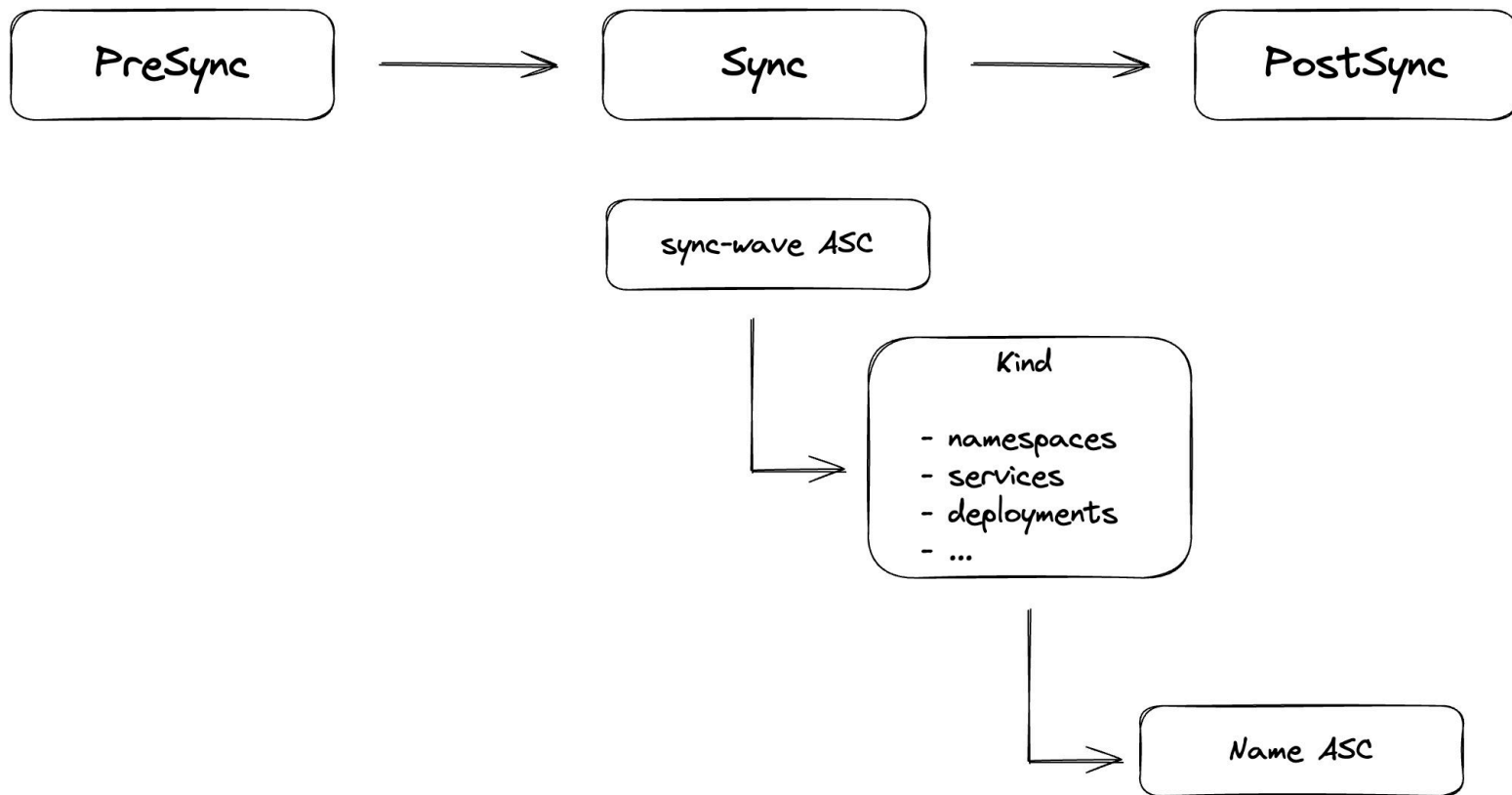
Phases & Sync Waves



Phases & Sync Waves

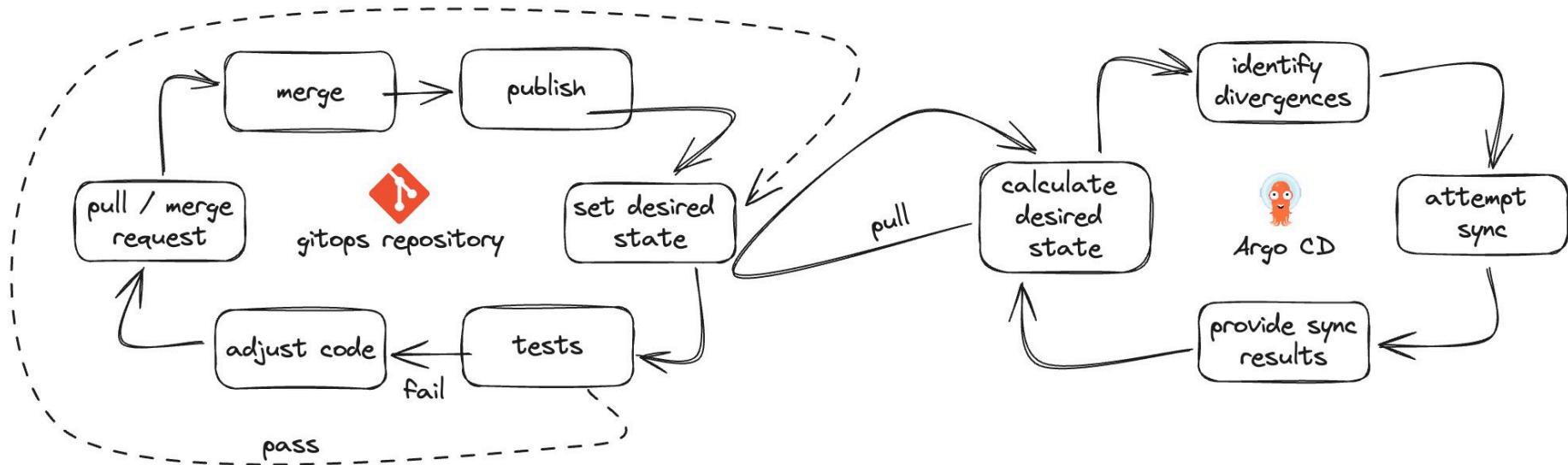


Phases & Sync Waves



```
1  apiVersion: v1
2  kind: ConfigMap
3  metadata:
4    name: argocd-cm
5  data:
6    application.resourceTrackingMethod: annotation
7    admin.enabled: 'true'
8    statusbadge.enabled: 'true'
9    users.anonymous.enabled: 'false'
10   resource.customizations: |
11     argoproj.io/Application:
12       health.lua: |
13         hs = {}
14         hs.status = "Progressing"
15         hs.message = ""
16         if obj.status ~= nil then
17           if obj.status.health ~= nil then
18             hs.status = obj.status.health.status
19             if obj.status.health.message ~= nil then
20               hs.message = obj.status.health.message
21             end
22           end
23         end
24         return hs
```

surfing the waves demo



resources



argoproj.github.io/cd



vs



bit.ly/argo-vs-flux



kubefirst.io



kubefirst.io/slack

#argo



Frédéric Harper

Principal Developer Advocate
Kubefirst

fred@kubefirst.io

 [fharper](https://twitter.com/fharper)

fred.dev/coffee