



Git shit done, the GitOps way

Frédéric Harper

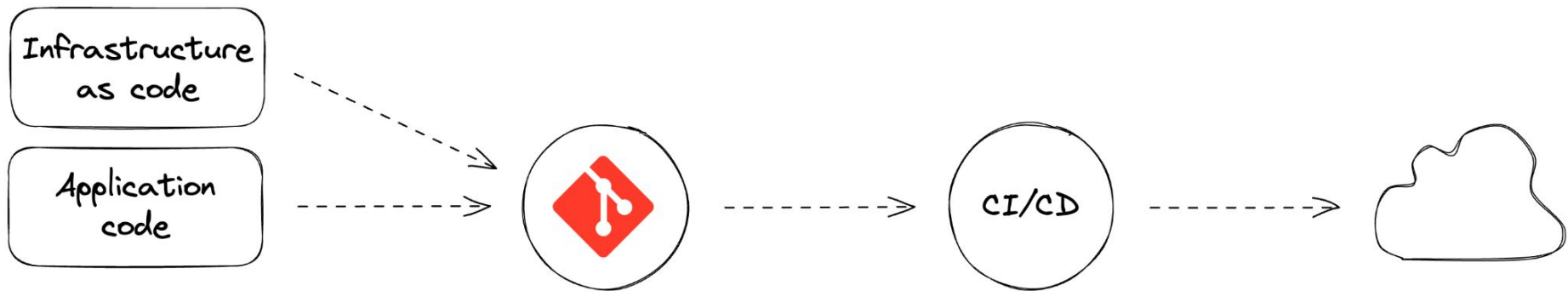
Principal Developer Advocate - Kubefirst

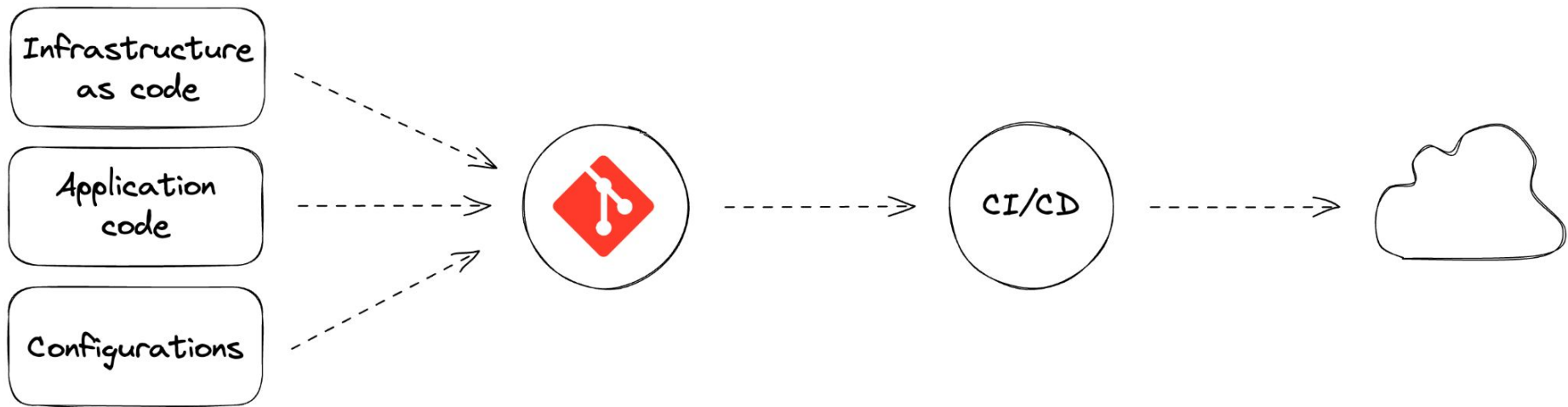
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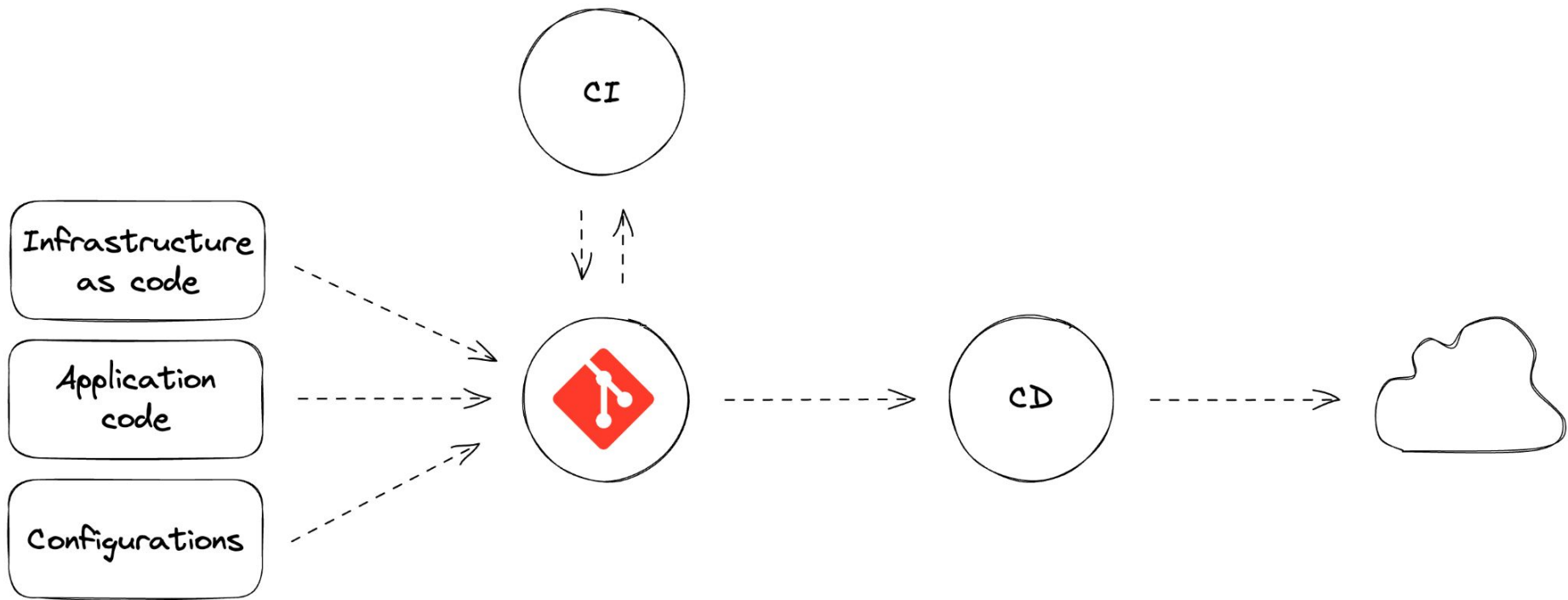


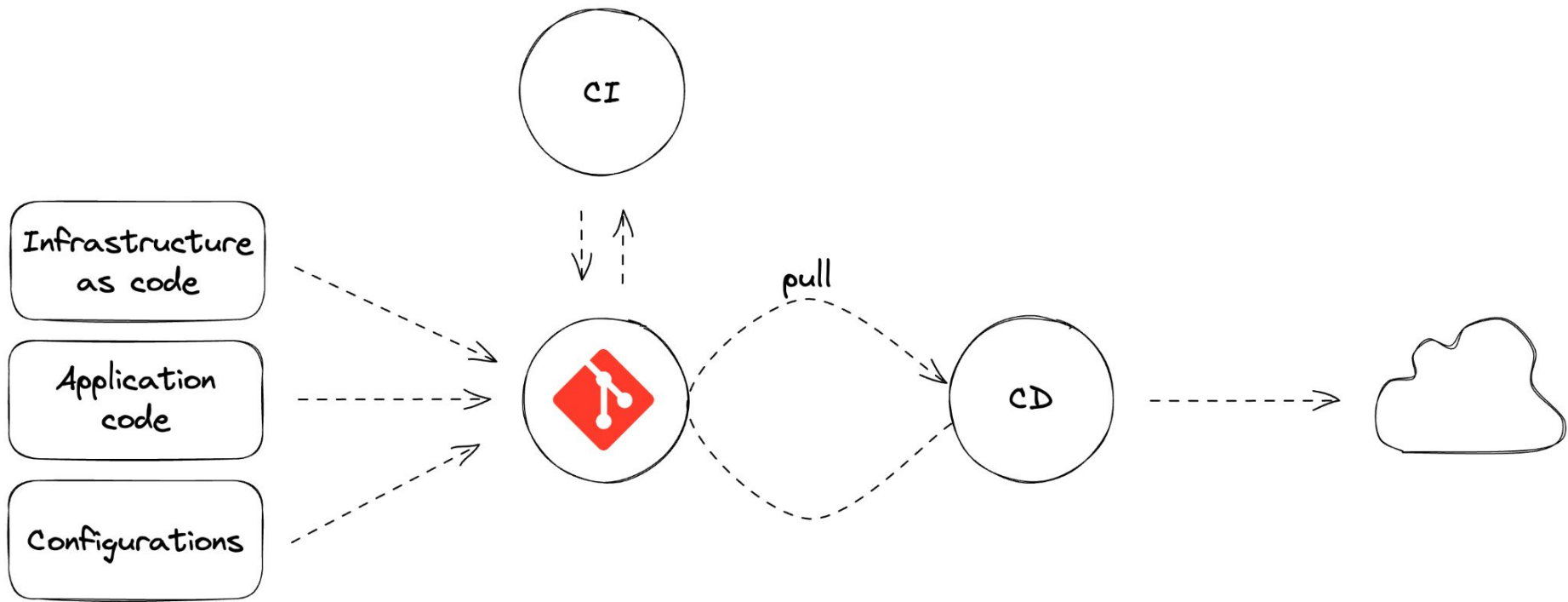
DevOps to GitOps

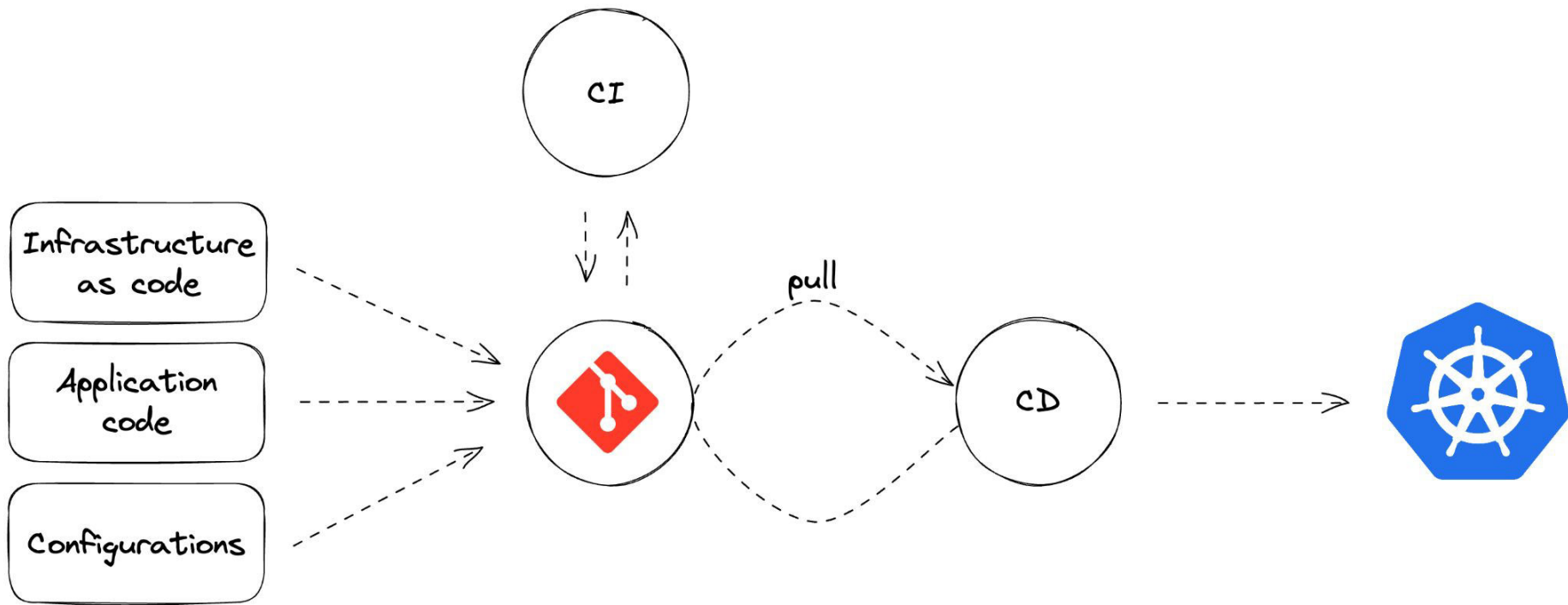


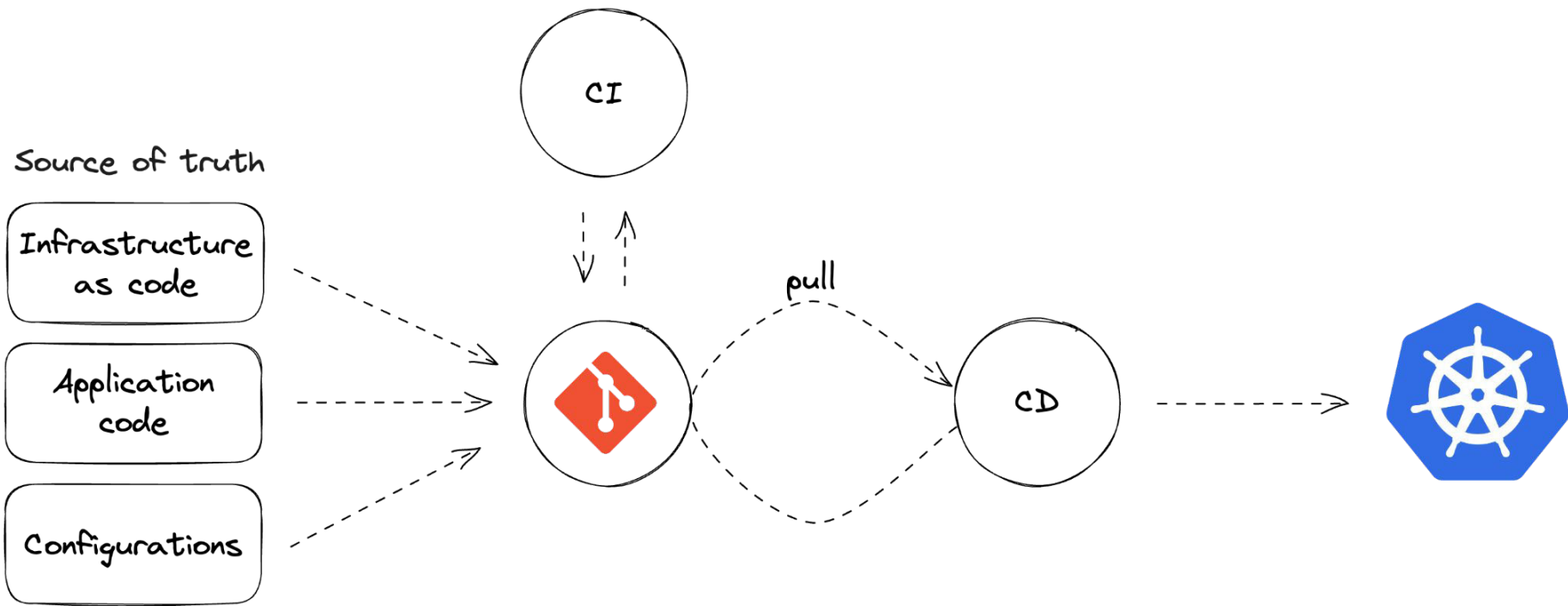




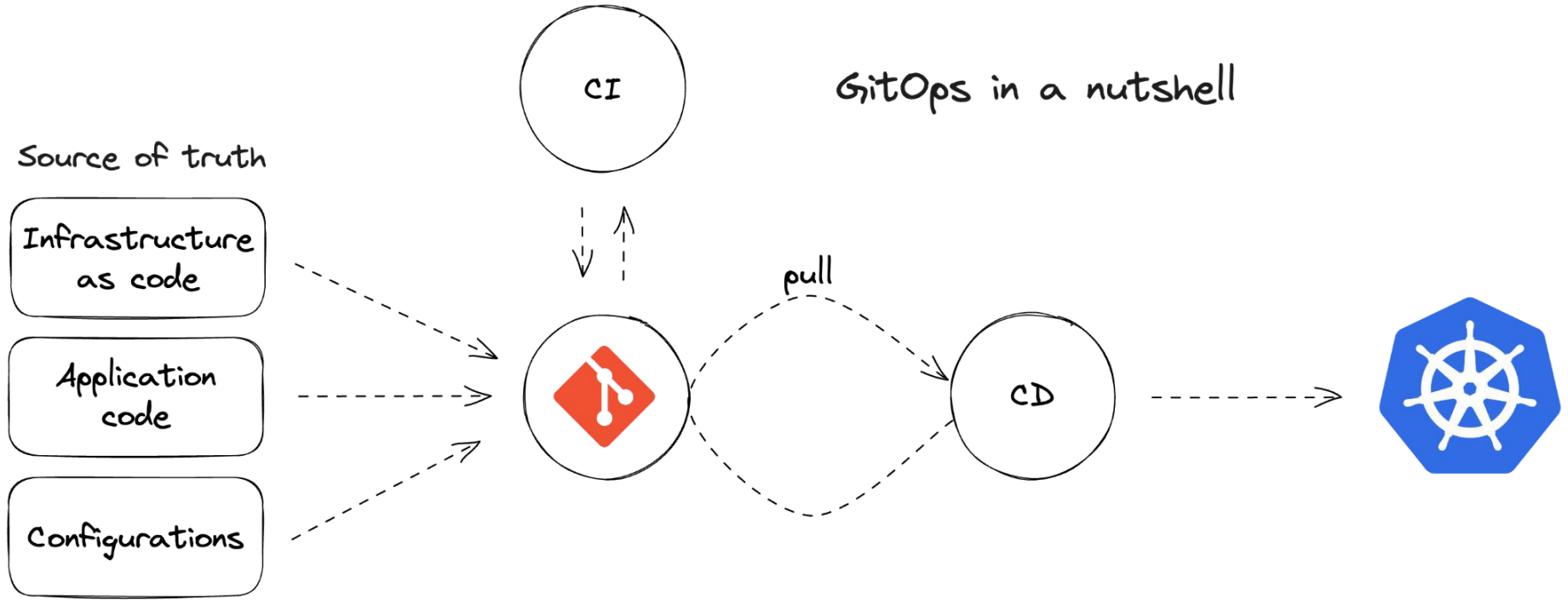








GitOps in a nutshell



demo

GitOps

GitOps Principles

v1.0.0

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1 Declarative

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2 Versioned and Immutable

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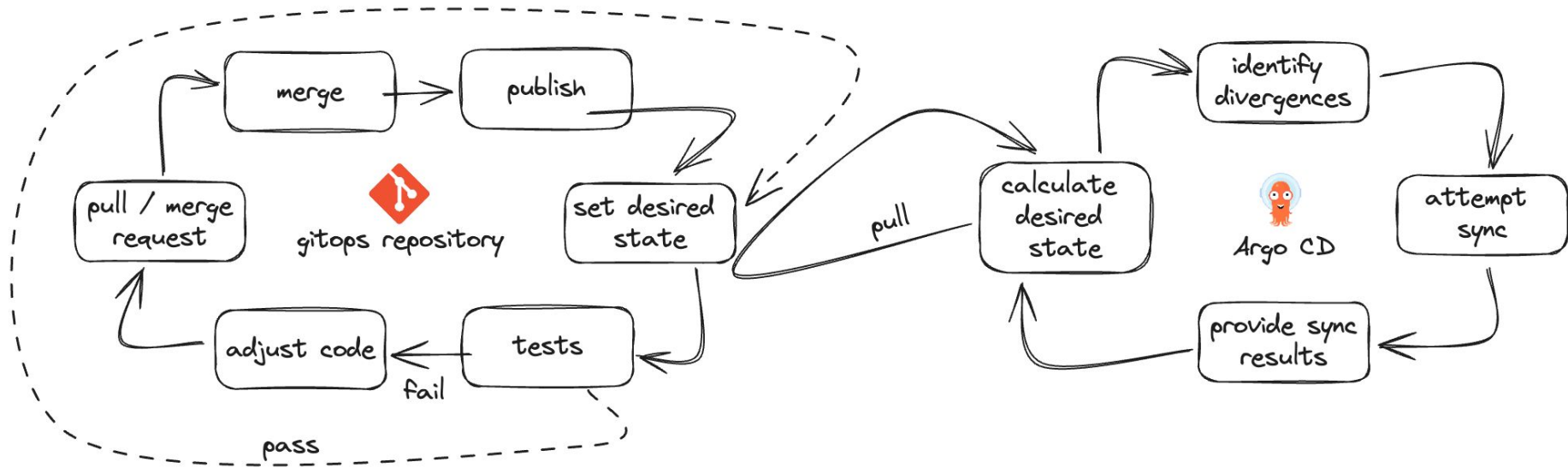
4 Continuously Reconciled

Benefits

- **Familiar tools and processes**
- **Faster deployment/iteration + easily reproducible**
- **No cluster drift**
- **Greater collaboration**
- **Auditability**
- **More secure & simplification of access controls**
- **Cost saving**
- **Easily revert/rollback changes**
- **Simple stateless disaster recovery model**



demo



Argo CD

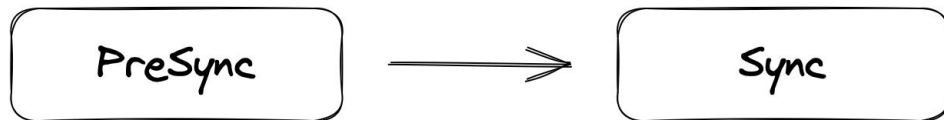


Phases & Sync Waves

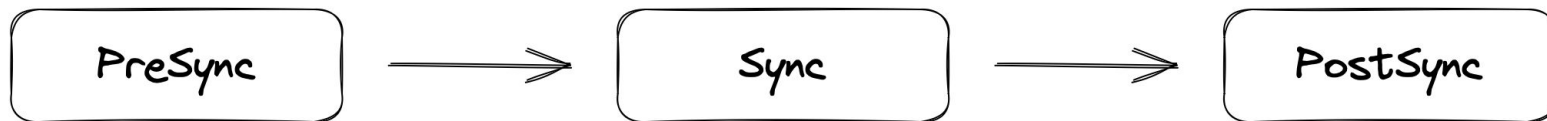
Phases & Sync Waves

PreSync

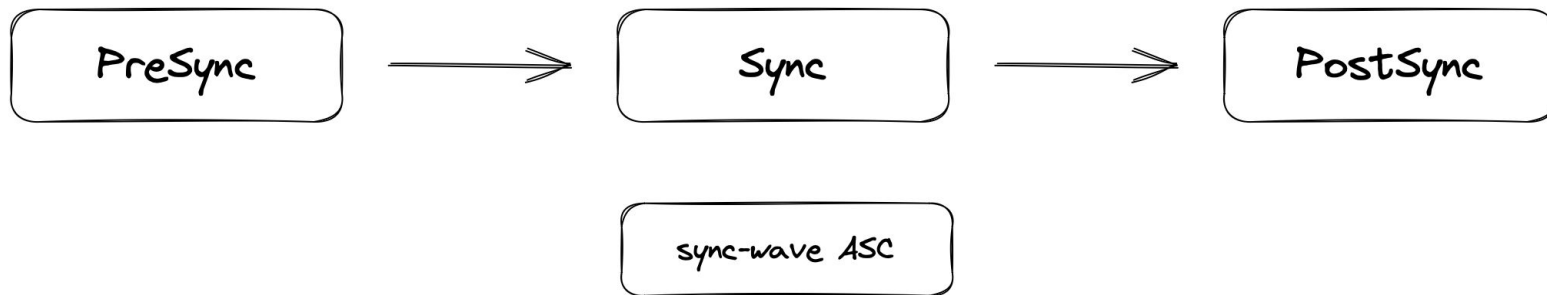
Phases & Sync Waves



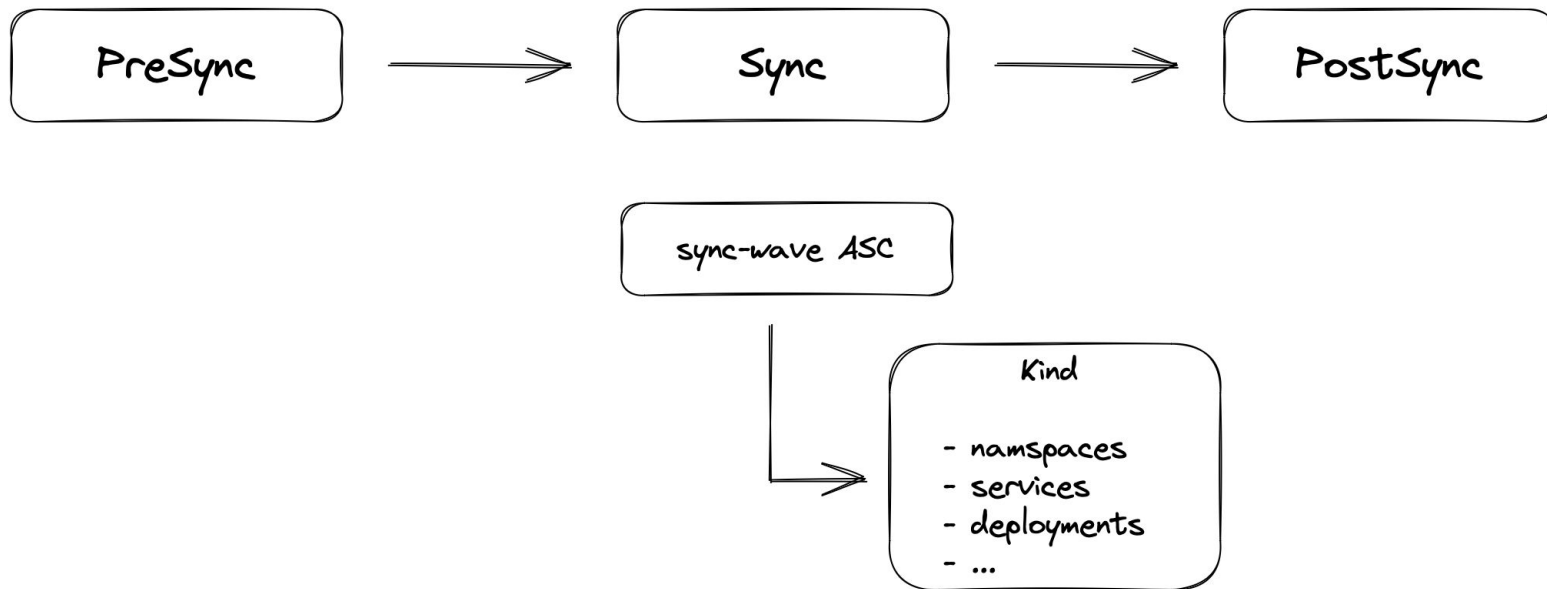
Phases & Sync Waves



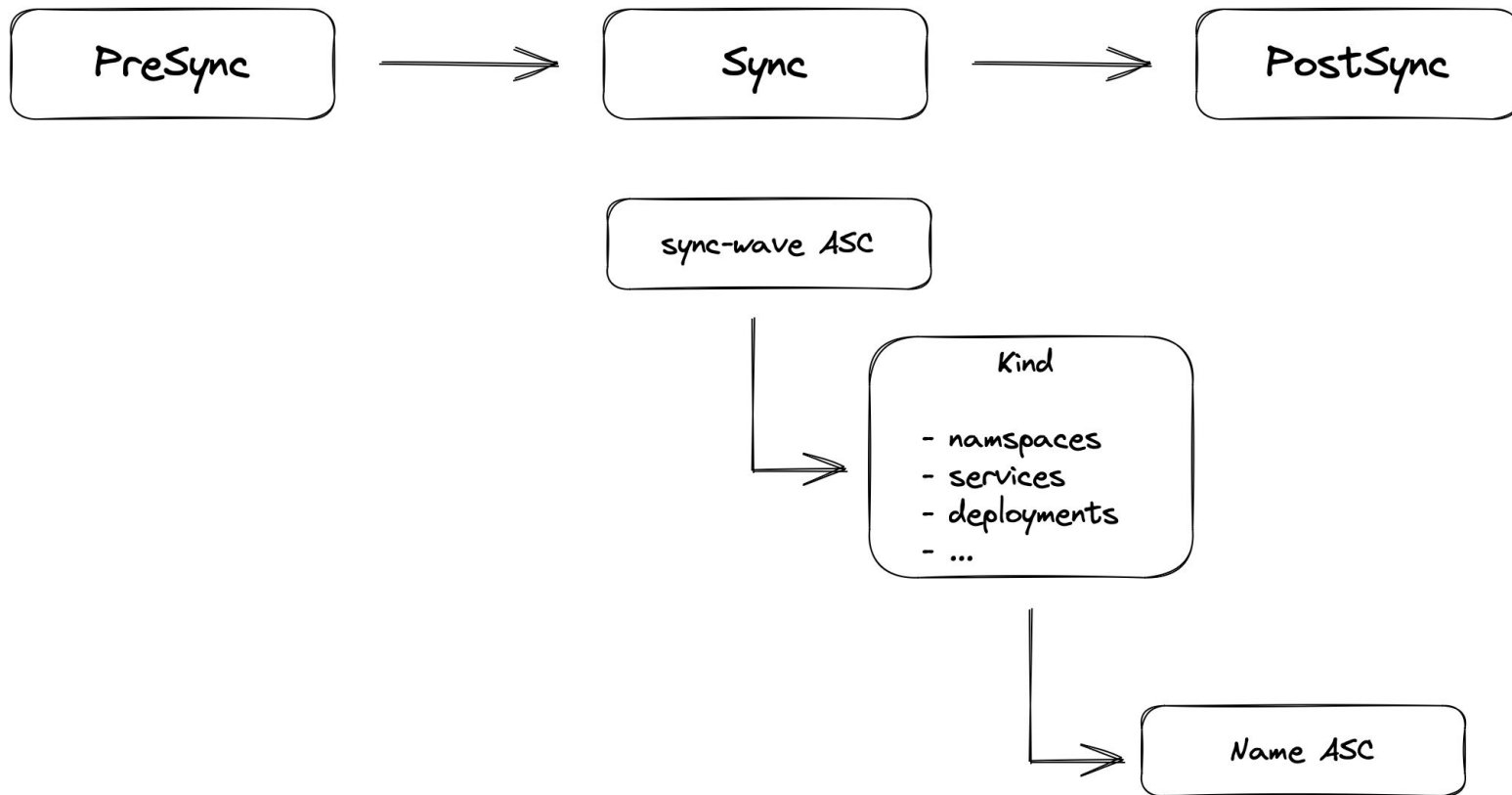
Phases & Sync Waves



Phases & Sync Waves



Phases & Sync Waves



resources



github.com/open-gitops/project



github.com/[weaveworks/awesome-gitops](https://github.com/weaveworks/awesome-gitops)



github.com/[kubefirst/kubefirst](https://github.com/kubefirst/kubefirst)



kubefirst.io/slack

#GitOps



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