



YouChoose: Flux

The Case for Flux (FluxCD.io)

Kingdon Barrett

Weaveworks

2023-07-25



Flux in 5 Minutes



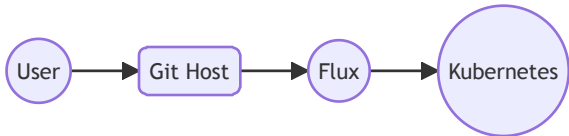
GitOps



Detail: opengitops.dev from GitOps WG

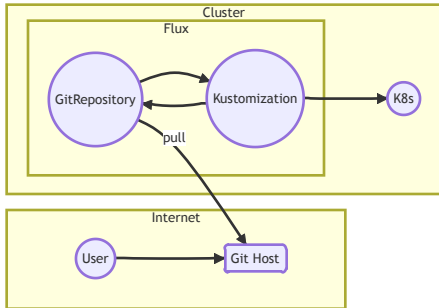


Flux does GitOps



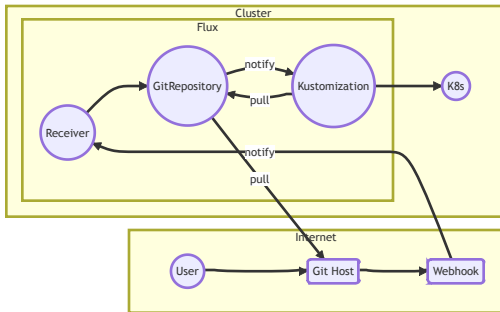


How Flux does GitOps





What is GitOps GA?





What else is new in Flux 2.0?

- SLSA Build Level 3
- AWS, GCP, Azure Workload Identity for OCI Repos
- Horizontal scaling and shards for v.large Flux



Ecosystem

- Weave GitOps - OSS UI (+Enterprise “WGE”)
- VSCode (I work on this!) - GitOps Tools
- You might already use Flux... it's in AKS/Arc, GitLab, EKS-A



Community

- Community Support (+paid support from Weaveworks, others)
- Fantastic team of maintainers, contributors, & community
- Contributor ladder, events calendar (come work with us!)



Adopters

- Enterprises - SAP, Volvo, RingCentral
- Partners in Industry - Building products on Flux
- Companies have trusted Flux for years

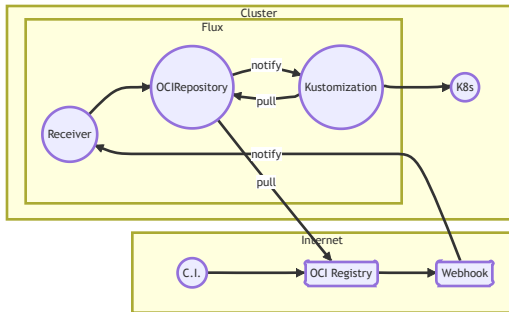


Automations

- SemVer SourceRef ++ Scalability ++ Security
- ImageUpdateAutomation - writes back to Git
- Flagger for Progressive Delivery
- TF-controller for Terraform



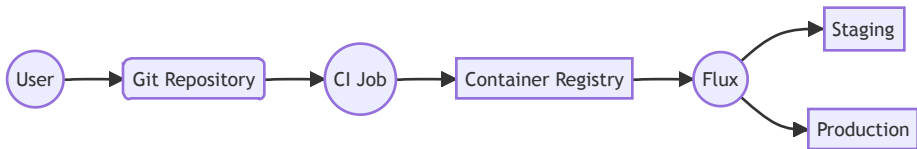
GitOps without Git





OCI Capabilities and Features

OCIRepository





Unparalleled Helm support

- Drift correction
- Stable release is coming - Flux 2.1
- (I know we already picked ytt! but for those that didn't...)



Call to Action

- Download VSCode “GitOps Tools for Flux” - check out Prerelease channel!

Find the extension from the VSCode marketplaces – also visit us at fluxcd.io



Call to Action

Read the docs & vote for Flux!