Application promotion in GitOps
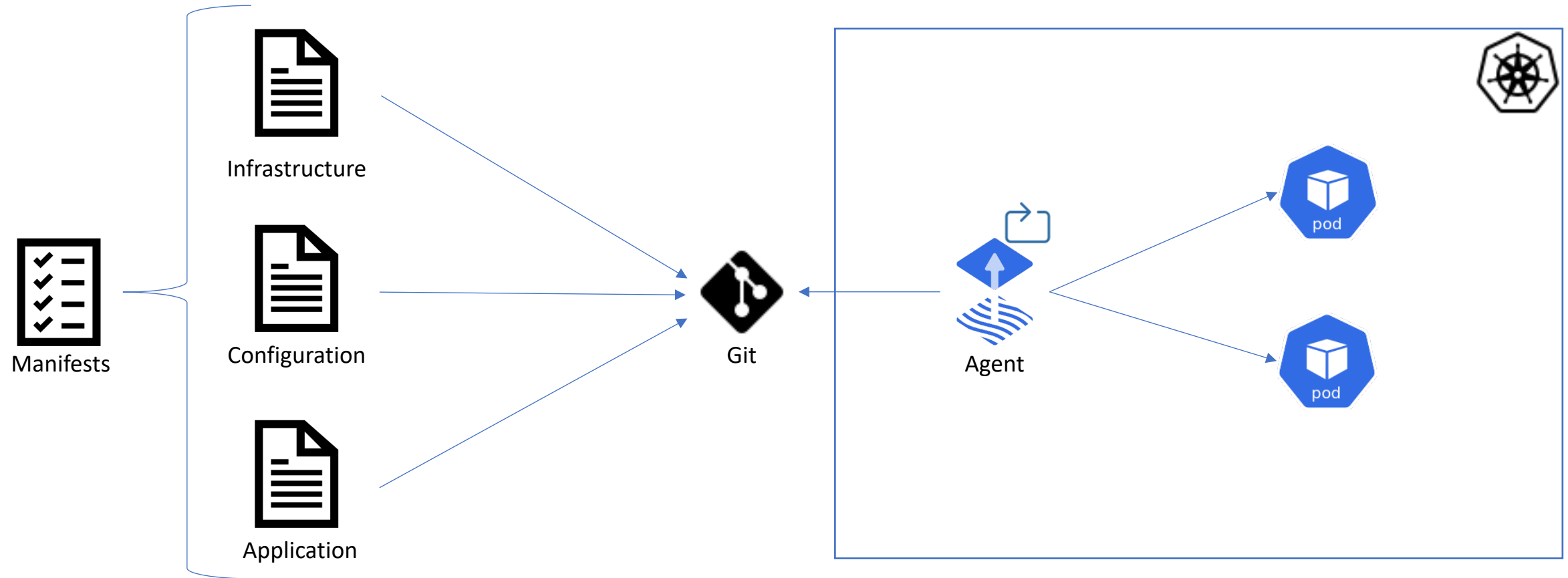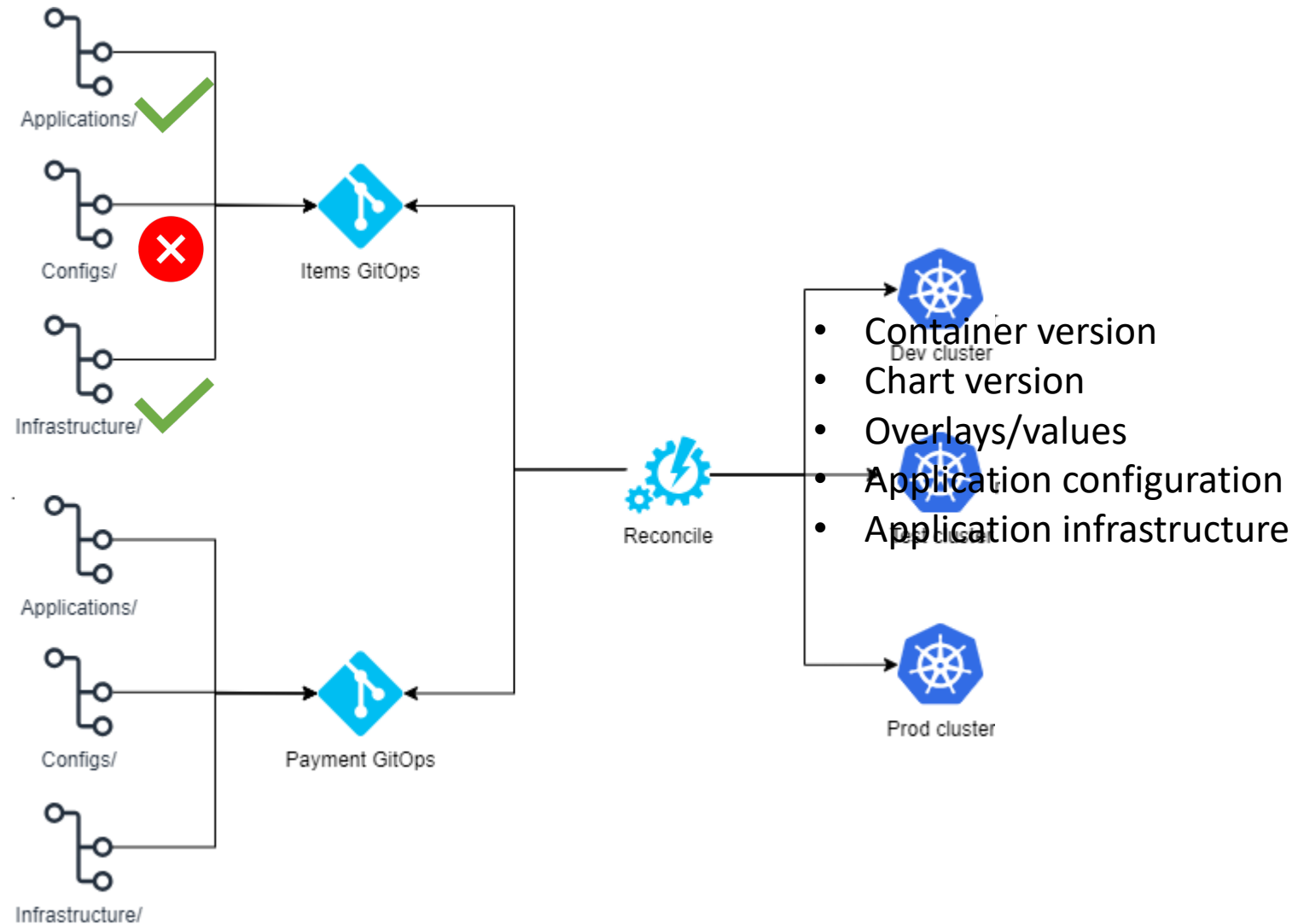

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About me

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What is GitOps?

Journey into applying GitOps

Abstractions

Reduce cognitive load and reduce risk of manual errors

- Active act
- Decoupled

- (natural) Part of daily work
- Coupled solution

Synchronous

- (use a CLI as part of pipeline)
- Edit yaml + git push

Asynchronous

- Event-based
- Container registry
- FluxCD ImageUpdateAutomation

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Abstractions

Reduce cognitive load and reduce risk of manual errors

Method/pros-cons	Pros	Cons
CLI	Versatile	Distribution "Extra" step in proces
CI/CD Sync	"Like we are used to" Red-green	Git edits Maintainability
CI/CD Async	Close to "like we are used to" Maintainability	Maintainability and implementation

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It is all about culture!

CI CD

+ in adoption

% Complexity

Company culture and maturity levels is one of the most important factors in finding the right level of abstractions.

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