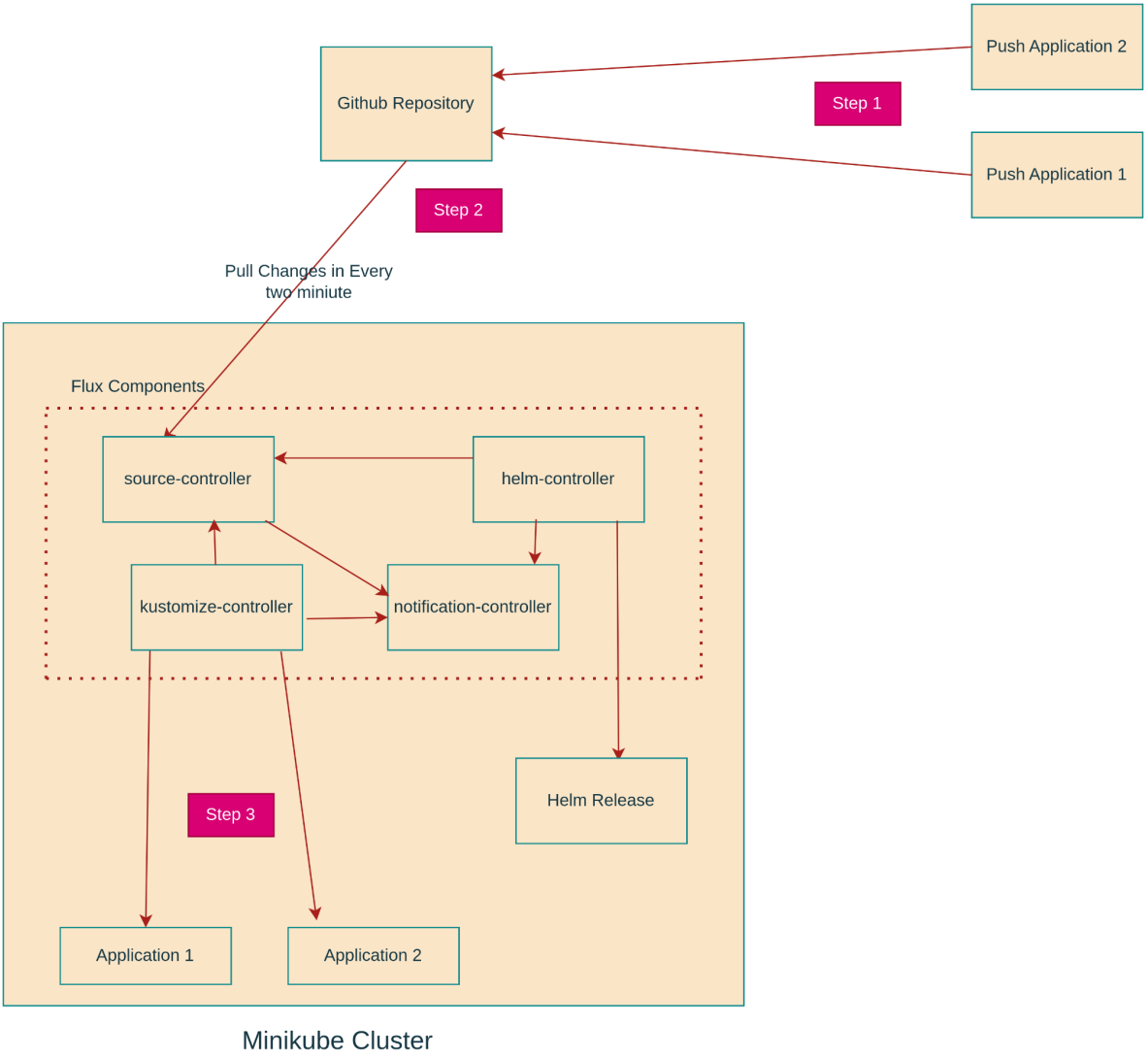
Diagram Fluxcd with github-



Step 1- Create Github Repository
Step 2- Setup FluxCD on Cluster sync with Github Repository
Step 3- Create changes in github repository FluxCD recognize changes and reflect on cluster

Flux Components-

Source Controller: The Source Controller focuses on monitoring source code repositories (e.g., Github repositories) and triggering deployments or updates based on changes in the source code.

Kustomize Controller: The Kustomize Controller integrates with the Kustomize tool and facilitates the management of Kubernetes resources using Kustomize manifests. It enables the application of overlays and transformations to generate the final Kubernetes resource configurations.

Notification Controller: The purpose of the Notification Controller in FluxCD is to provide notifications and alerts related to the deployment and synchronization of Kubernetes resources.

Helm Controller: The purpose of the Helm Controller in FluxCD is to manage the deployment and lifecycle of Helm charts in a Kubernetes cluster. It integrates with Helm, a popular package manager for Kubernetes, to automate the installation, upgrading, and deletion of Helm releases.