SampleApp

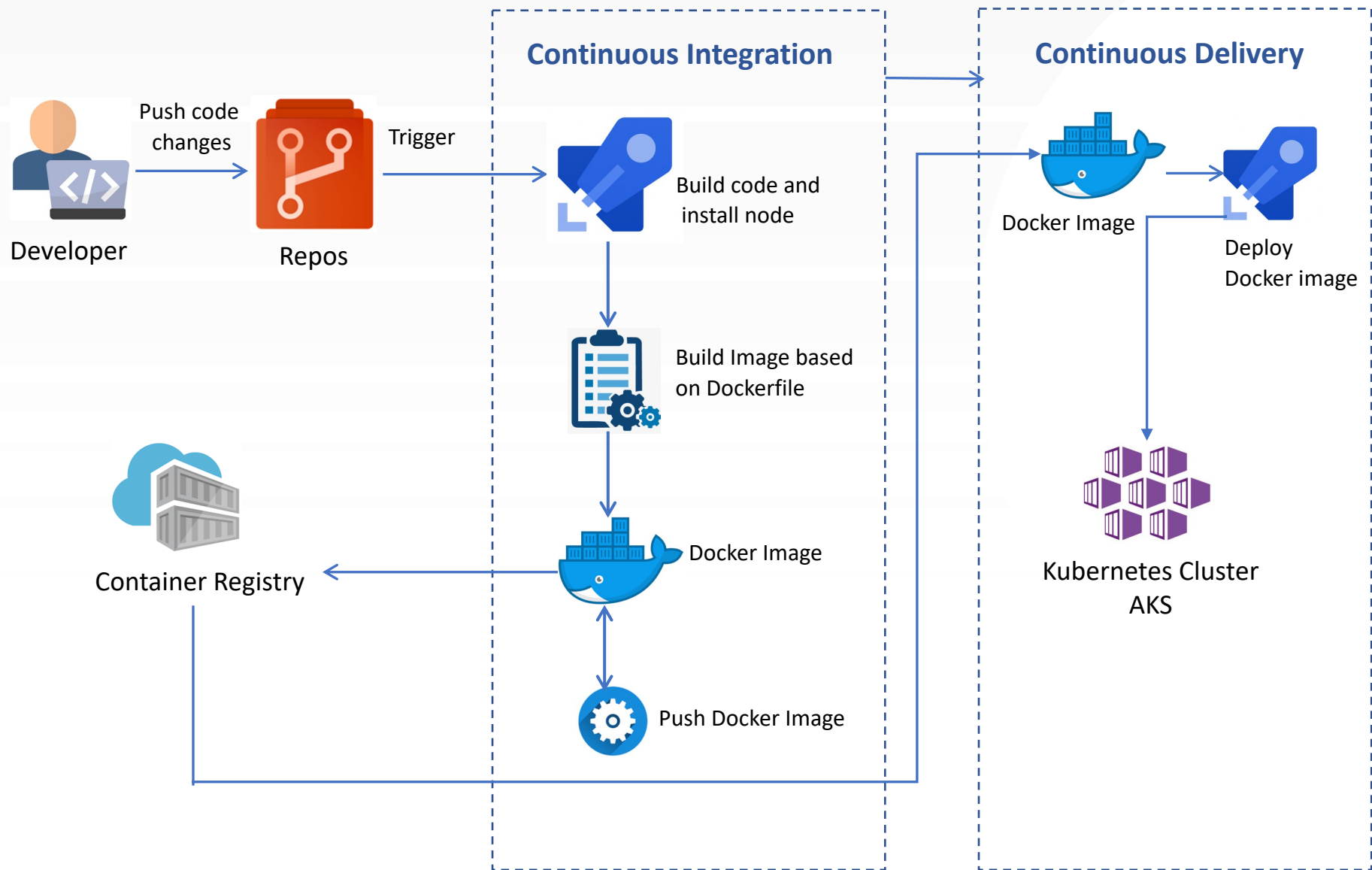## Continuous Integration & Continuous Delivery

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Description

1. **User:** The user Push the code to the main branch on Azure Repo.

1. **Azure Repo:** Azure Repo is the Source Code, and after changing, there is a trigger that runs continuous integration and continuous delivery.

2. **Build:** In the Build stage (Azure build), node.js is installed and also the node.js code is built.

3. **Build Docker image:** If the node.js code build is successful, the Docker image is created based in a Dockerfile.

4. **Push Docker image:** After the creation of a Docker image, it is push to an Azure Container Registry.

5. **Azure Container Registry:** For saving the versioned Docker images.

6. **Deploy:** In the Development stage (Azure release), it is the deploy to the Kubernetes cluster.