

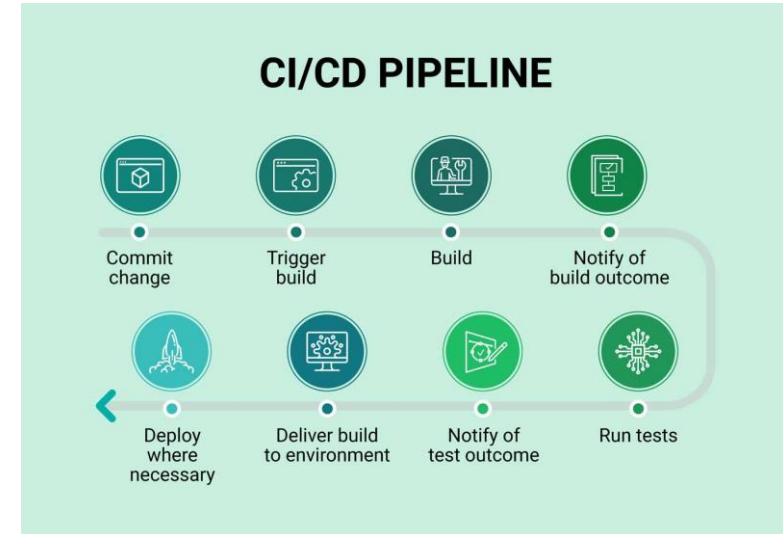
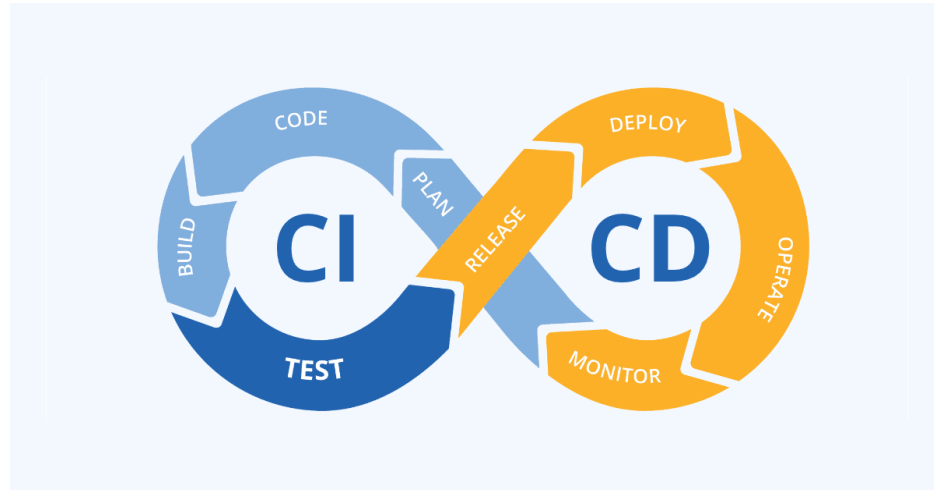
Udapeople Project

Presenter: Yang
Team: DevOps team

Overview

- What's CI/CD
- Why we should go with CI/CD?

What's CI/CD



- In software engineering, CI/CD stands for Continuous Integration, Continuous Delivery/Deployment. Simply put, CI is the practice in software development that involves frequent and reliable incremental changes in the code. This means that developers can constantly put in code in a dedicated automated server. After which, the server runs to build the application. At the same time, it runs a set of tests to ensure that the newest code integrates into the current version. As a result, the system is constantly updated.

Why we should go with CI/CD?

Continuous Testing:

With CICD's automated testing capabilities, codes are checked instantly.

Shorter Code:

Developers can add shorter codes instead of larger bulks

Quicker Release:

Releasing new system updates is quicker with CICD. Because CICD merges new codes to the current system while checking for mistakes, the release of updates will be faster

Real-Time Feedback:

With continuous integration during the development process, developers can find and fix bugs quickly. While in continuous delivery, the system updates are delivered to the users.

