

What is CICD Why you should use it?

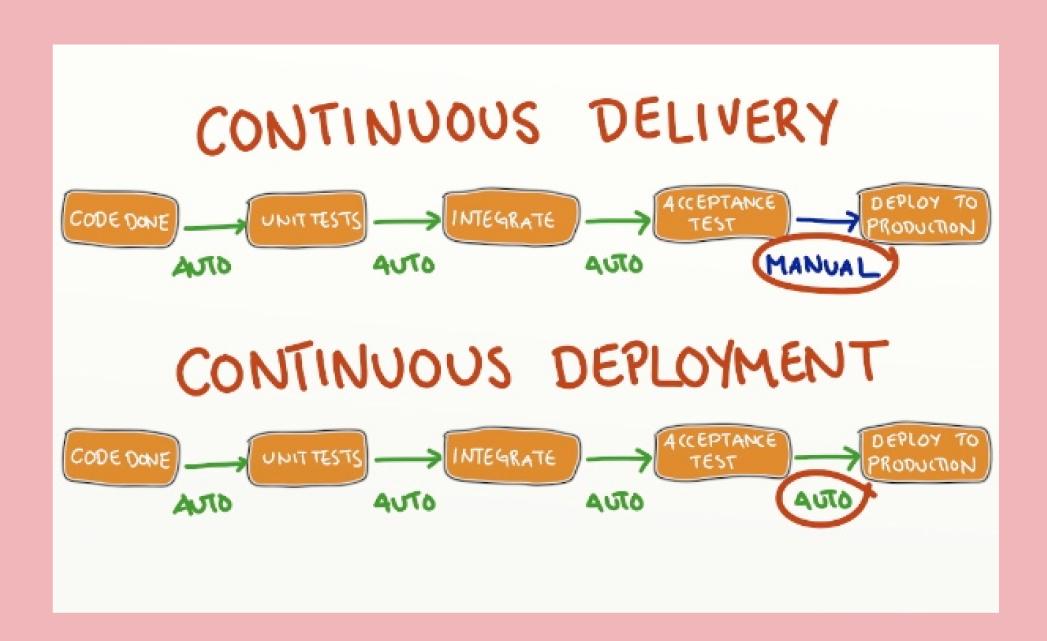
And The Benefits of CI CD?

Source Code Development Version Control Source Code Publish Reports Staric Code Run Automates Continuous Analysis Functional Tests Integration **Run Automated** Provision and Deploy to Test Environment Code Coverage Set-up Test Fixtures' Analysis

What is CI

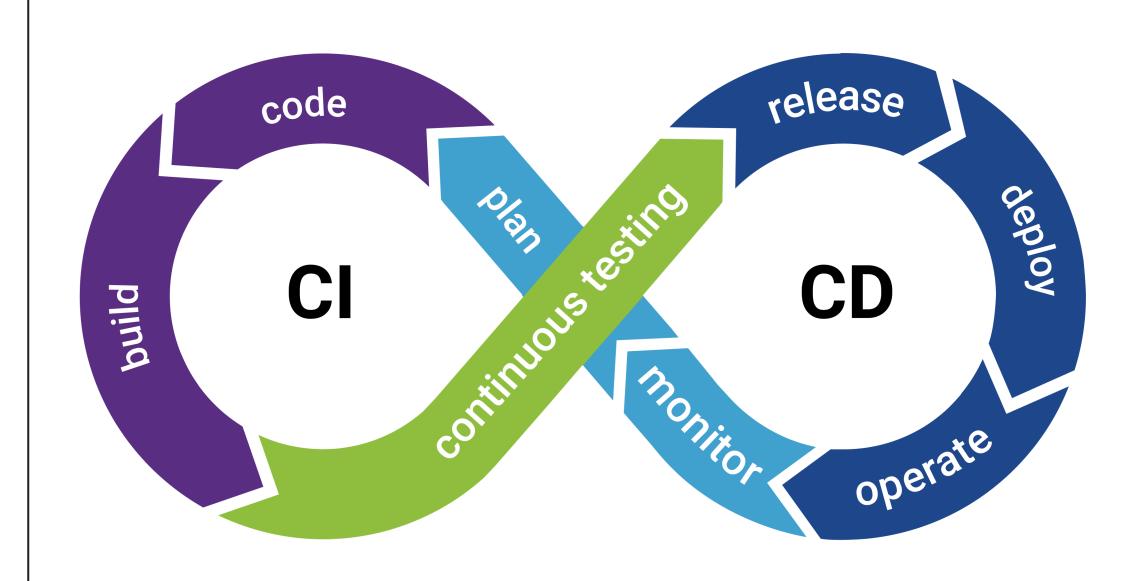
- Stand for Continuous Integration
- CI a DevOps software
 development practice where
 developers regularly merge their
 code changes into a central
 repository
- Continuous Integration is the best practice for software development that has a set of critical principles

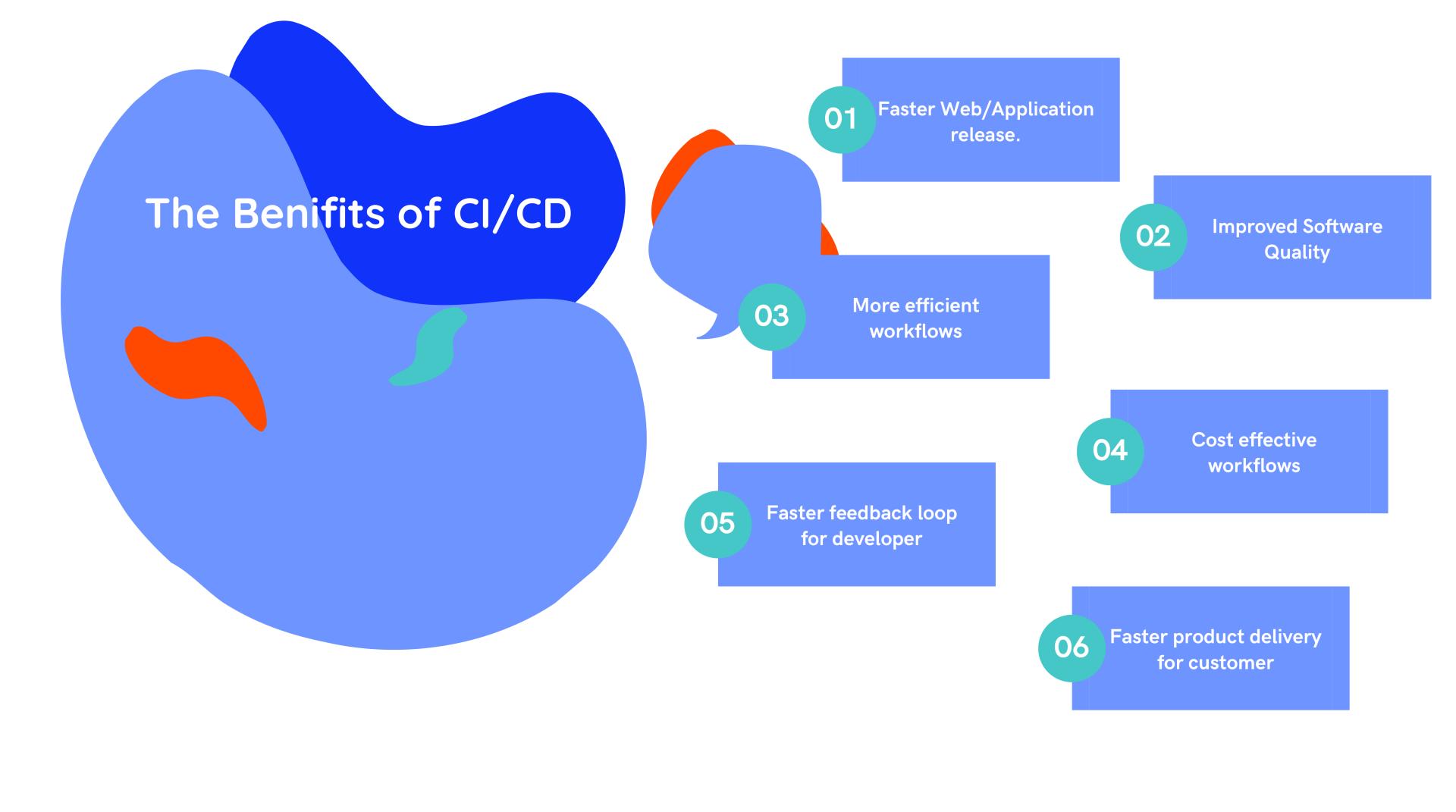
What is CD



- Stand for Continuous deployment or Continuous delivery
- This process checks all the code changes that have been built and the code in the test environment.
- Continuous Delivery allows
 developers programmers to
 automate software testing, test
 software through many metrics
 before being deployed.

CICD Diagram





CICD Providers

These are some tools/ provides allows you to integrate cicd for your application

