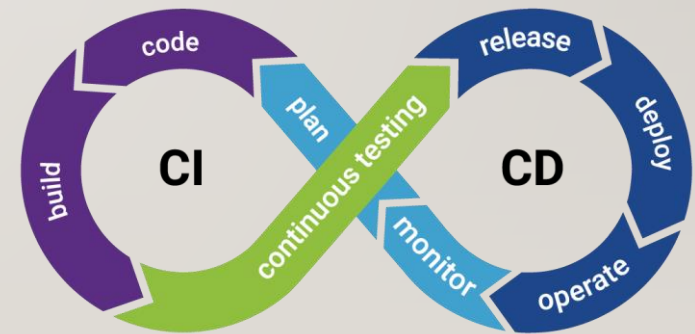


CI/CD: MYTH OR TRUE GEM?

HOW WE CAN LEVERAGE IT TO SAVE COST AND DELIVER FASTER

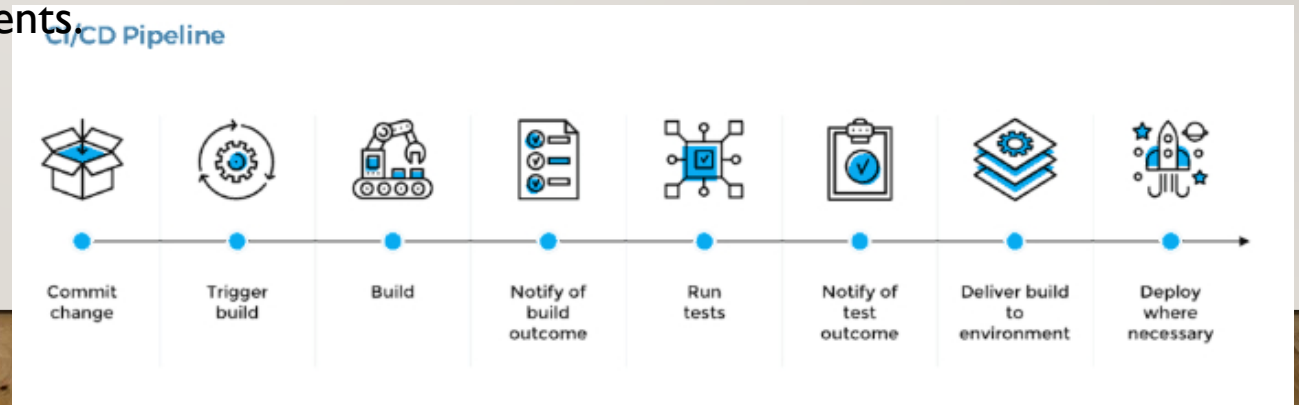


UNDERSTANDING CI/CD

CI/CD is a method to frequently deliver apps to customers by introducing automation into the stages of app development. Diving into each concept will make things clearer.

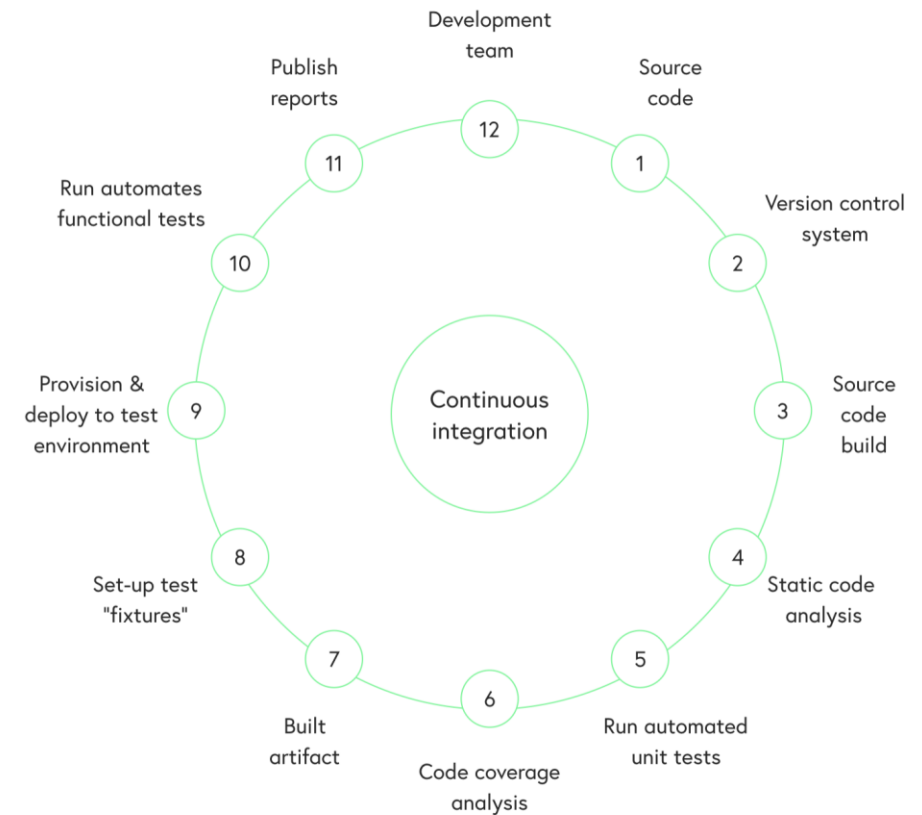
Continuous Integration (CI): Continuous integration is a coding philosophy and set of practices that drive development teams to frequently implement small code changes and check them into a version control repository. Simply put, it is a process of bringing all the code together from various developers for testing and verification.

Continuous Deployment (CD): picks up where continuous integration ends, and automates application delivery to selected environments, including production, development, and testing environments. Continuous deployment is an automated way to push code changes to these environments.



WHY WOULD WE WANT TO USE CONTINUOUS INTEGRATION (CI) – THE BENEFITS

- Improves Customer Satisfaction Due To Improved Turnaround Time – MORE SALES
- Reduces Code Conflicts and speeds up code merges – COST REDUCTION
- Flag any compile errors after merging to prevent problems – PROTECTS REVENUE



WHY WOULD WE WANT TO USE CONTINUOUS DEPLOYMENT (CD) – THE BENEFITS

- Faster Deployments to Production – IMPROVED ABILITY TO COMPETE WITH OTHER COMPANIES AND RELEASE PRODUCTS/FEATURES FASTER
- Automated Rollback Process In Cases Of Any Failure – PROTECTS THE BUSINESS FROM ANY LIABILITIES OR FAILED PRODUCTS
- Reduced Manual Intervention in the Production and Deployment Process – SAVE COSTS BY REDUCING THE HUMBER OF PEOPLE REQUIRED TO RUN JOBS



EVERY OTHER COMPANY IS MAKING THE MOVE – LET’S NOT BE LEFT BEHIND



Delivering new software features faster, while making sure that services are solid and secure is a key differentiator for every business today. Continuous delivery is critical to how teams deliver value. Being able to release small software changes, multiple times a day is a crucial competency for companies in the modern world.

Here are the key reasons why your organization should invest in adopting continuous delivery practices:

ORGANIZATION



Accelerates delivery of
new features



Increases responsiveness
to external events



Builds deeper user
relationships

PROCESS



Fast feedback and
insights



Decreases deployment
pain



Improves quality

TEAM



Creates a high trust
culture



Improves employee job
satisfaction



Reduces burnout