

CI/CD

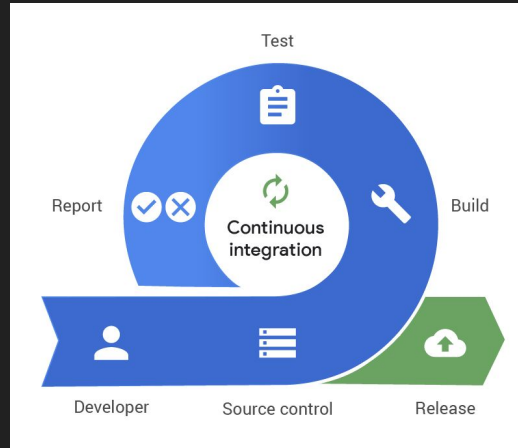
Automated testing and releases

Developer time spend without automation

- Coordinating to merge features
- Manually testing before and after merging features
- Manually updating the website files and servers
- Manually verifying changes on deployments
- Security checks on dependencies

Workflow merging new features with CI/CD

- Features are developed independently from the main branch
- Unit tests, security audits, and code standards are automated
- Changes are verified through tests when merged to the main branch



Workflow for releasing new features

- New resources are deployed separate from production. Such as static files and servers.
- Integration tests are performed to ensure quality of the new release
- Releases that do not meet the quality standards do not make it to production, but instead the team is alerted of the issues, and the new build is cleaned up.
- Builds that pass are able to be moved to production
- This automated process saves the time of developers updating these environments. It also prevents downtime by catching errors and failures in an automated fashion.