

CI/CD @ Udapeople

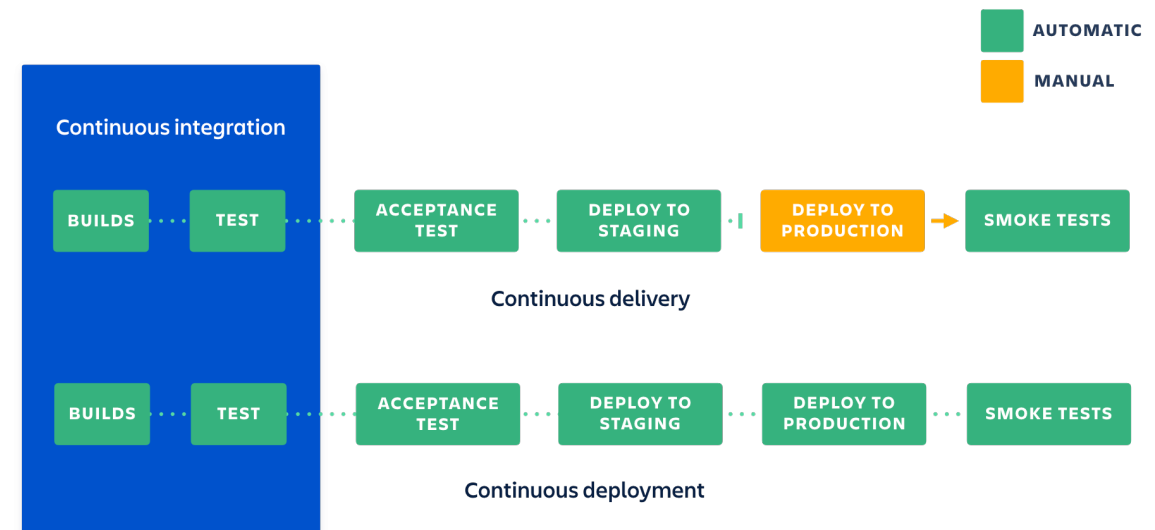
Why using CI/CD?

Current Situation

- Infrastructure creation and deployment are
 - manual
 - time consuming
 - error-prone
- This leads to
 - unsatisfied customer
 - loss of money
 - time-consuming error handling
 - less feature development

Fundamentals of CI/CD

- Continuous Integration
 - Developers merge their coding changes at least once a day to a master
- Continuous Delivery
 - Only deployment to production is a manual step
- Continuous Deployment
 - Fully automated deployment pipeline



Benefits for Udapeople

- better software quality goes to production
- reduced complexity of the deployment process
- more time for development of new features
- increasing customer satisfaction due to
 - less down times
 - continuously improvements
- may be also increasing revenues due to a stable application

Recommendation

- Introduction of continuous integration and deployment at Udapeople