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Becoming Full Stack Engineer

An event for women by women



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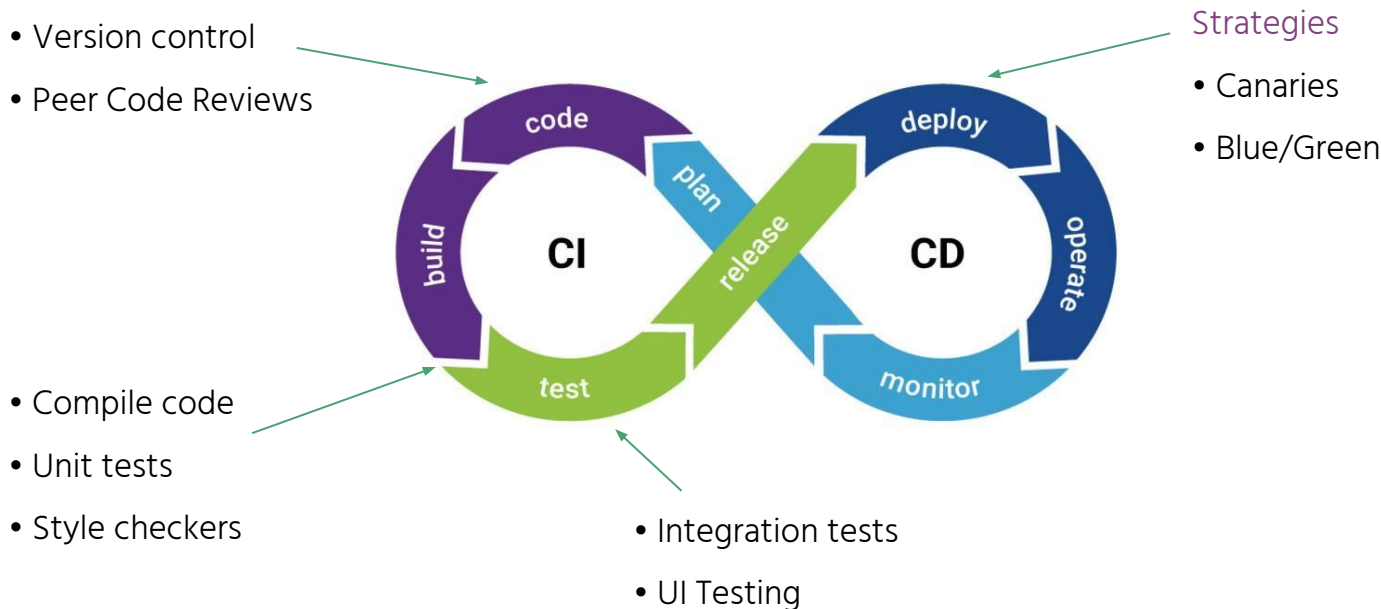
Deploying Apps using CI/CD

Presented by

Diana García

What is CI/CD?

CI/CD is a method to frequently **deliver** apps to customers by introducing **automation** into the stages of app development.



Continuous Integration



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The "CI" in CI/CD always refers to Continuous Integration, which is an automation process for developers.

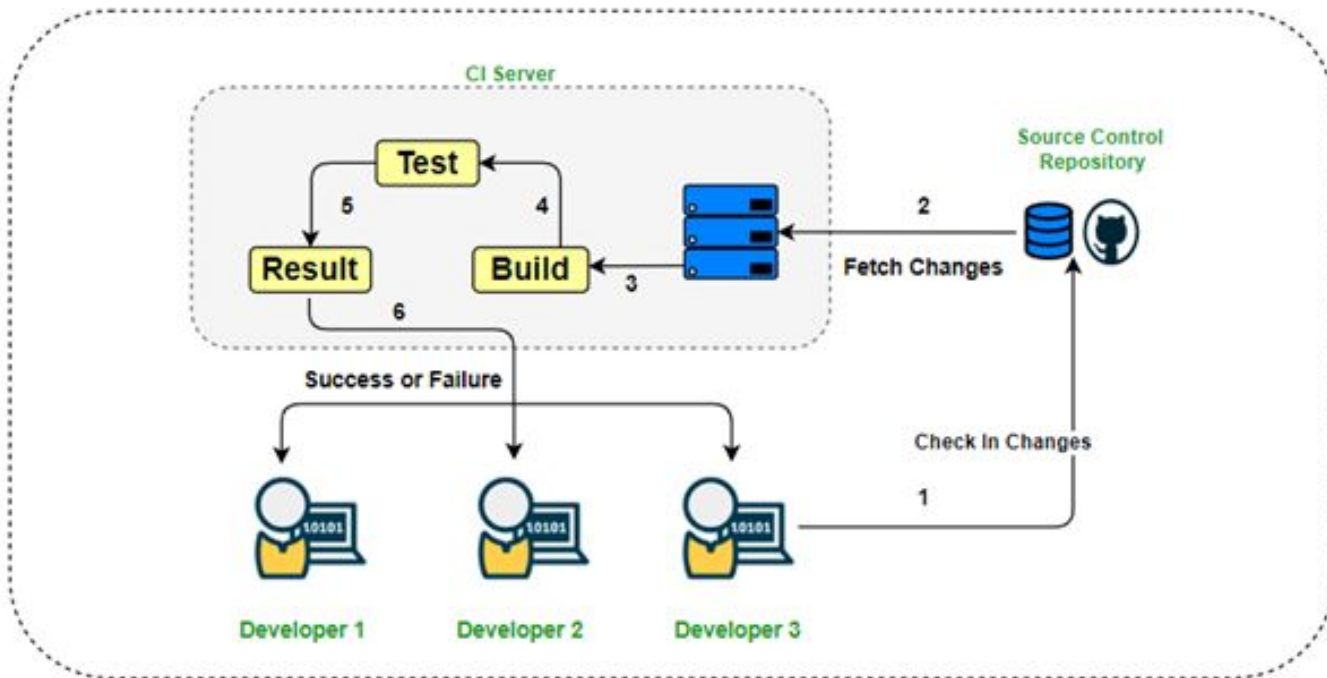
Successful CI means new code changes to an app are regularly built, tested, and merged to a shared repository.

CI



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CD

The "CD" in CI/CD refers to Continuous Delivery and/or Continuous Deployment.

These two terms are often considered as same or confused.

Both are about automating further stages of the pipeline, however the difference is actually how much automation is happening.

CD



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CONTINUOUS DELIVERY



Deploy to production
environment

by the operations team

CONTINUOUS DEPLOYMENT



automatically





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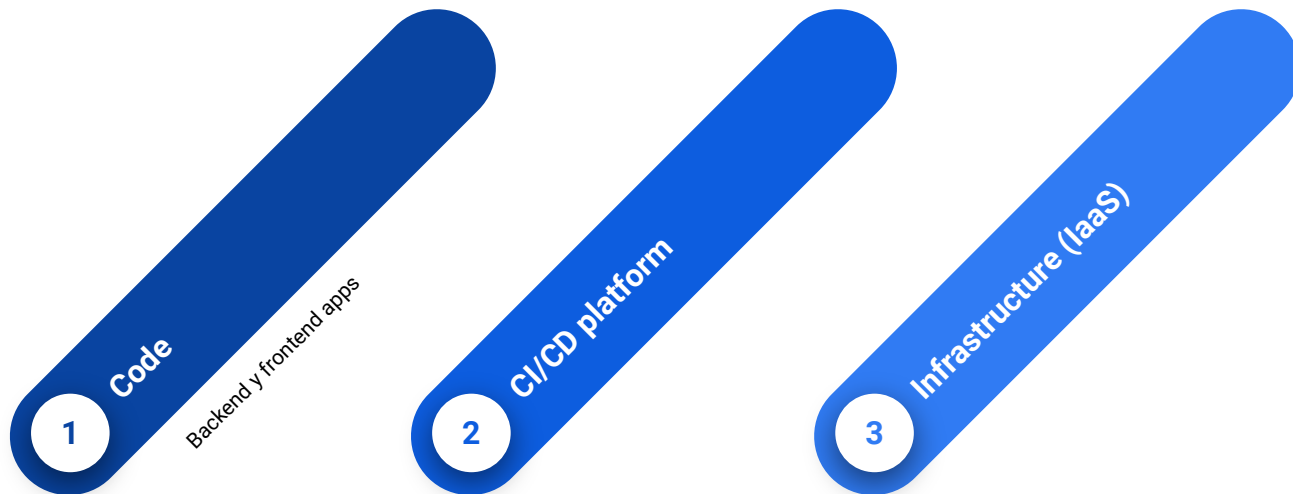
Let's do it!

Basic ingredients



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Common CI/CD tools



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Jenkins



GitHub Actions



Travis CI

IaaS



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Create free accounts

- <https://github.com/>
- <https://www.heroku.com/>
- <https://www.netlify.com/>



Setup Backend & Front

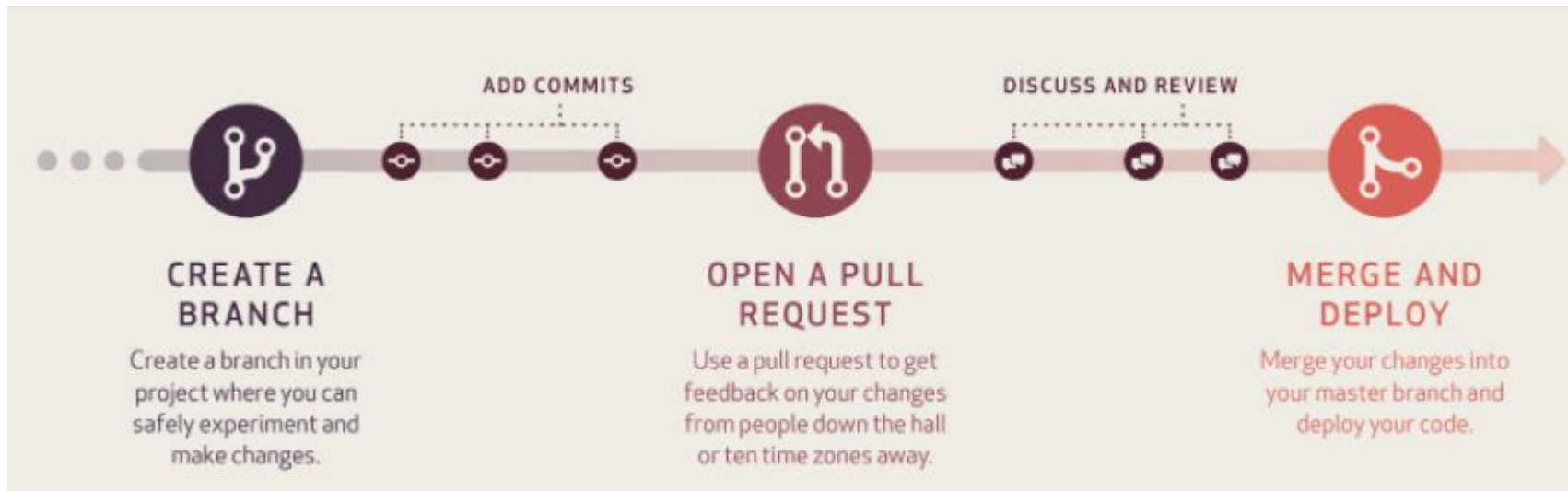
- Create a new empty repo (*wwc-bootcamp-backend*)
 - Clone the repo
 - Push our backend code
-
- Create a new empty repo (*wwc-bootcamp-frontend*)
 - Clone the repo
 - Push our frontend code

Git Workflow



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————— Thank You