GitHub Flow & Intro of CI/CD in GitHub

GitHub ○

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GIT FLOW

ADD COMMITS

DISCUSS AND REVIEW

CREATE A BRANCH
Create a branch in your project where you can safely experiment and make changes.

OPEN A PULL REQUEST
Use a pull request to get feedback on your changes from people down the hall or ten time zones away.

MERGE AND DEPLOY
Merge your changes into your master branch and deploy your code.
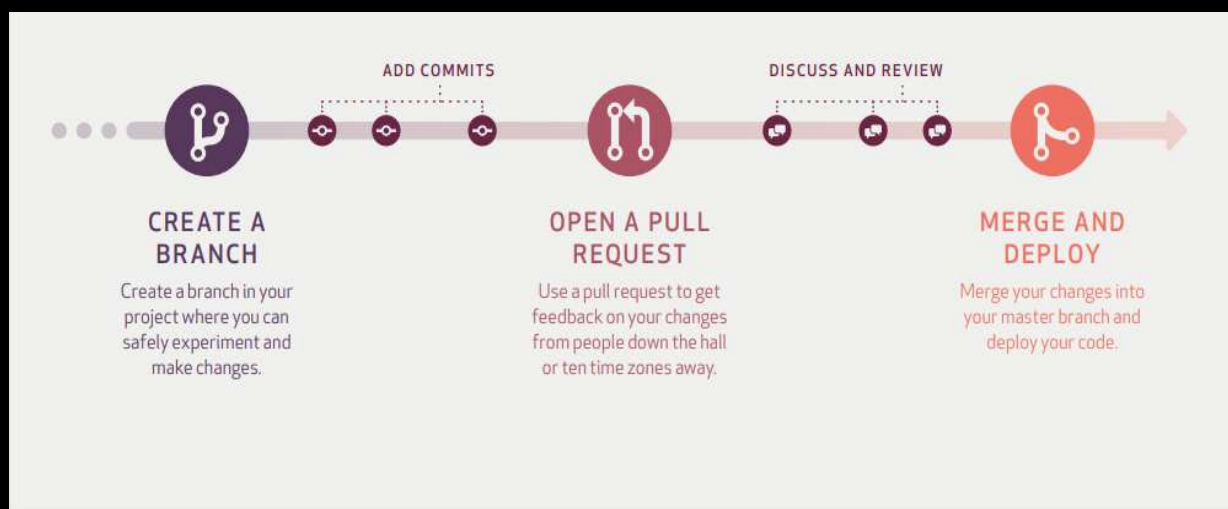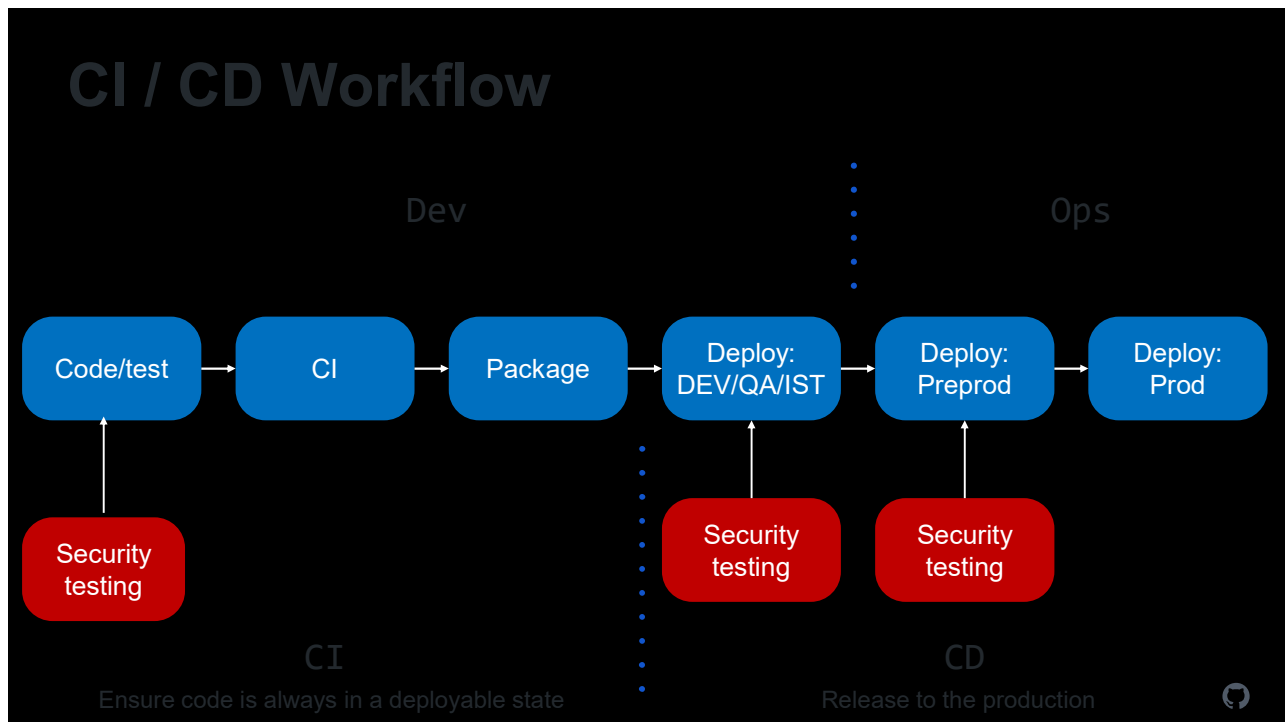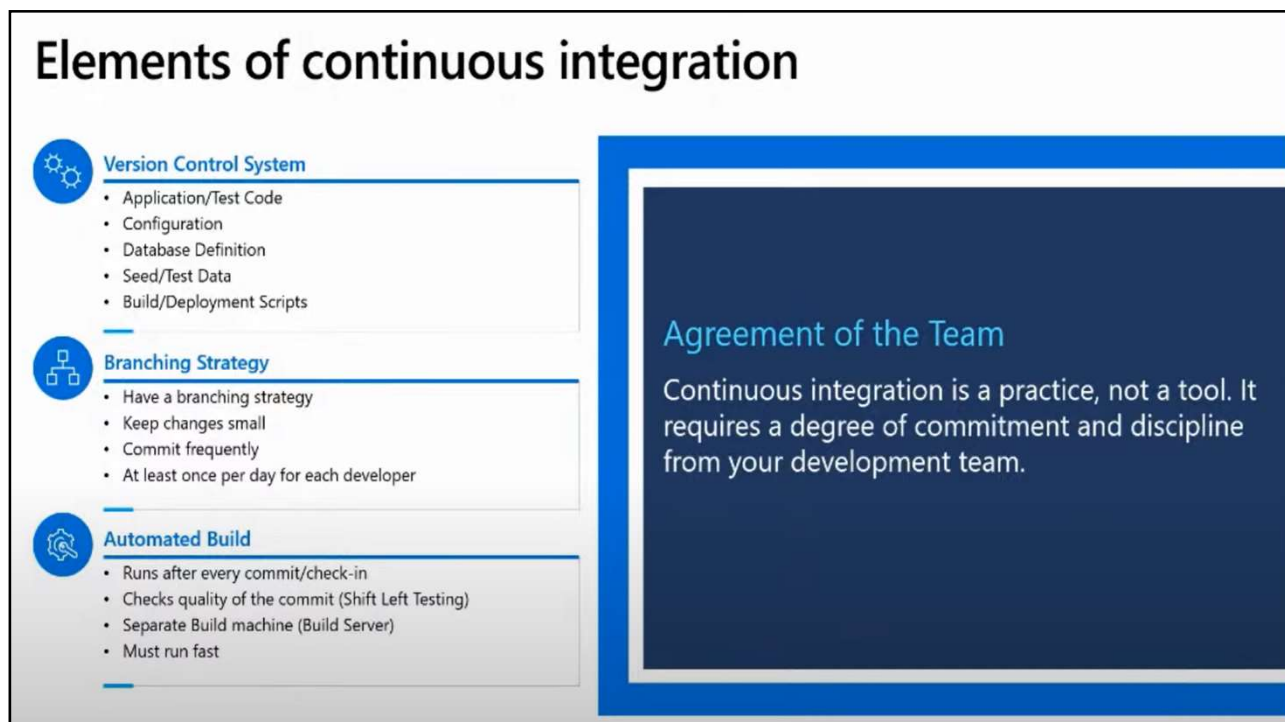
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Elements of continuous deployment

Deployment
- Deployment flows & scripts
- Environments
- Protection Rules

Testing
- Quality Tests
- Security Tests
- Operational Tests
- Infrastructure Tests

Automations
- Deploy on CI success
- Report workflow status to Teams channel
- Create Issue/Bug on tests failure

Agreement of the Team

Continuous Delivery is a software development discipline where you build software in such a way that the software can be released to production at any time.

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