

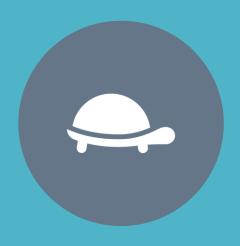
# From Development to Production in just a few minutes

Why it is neccessary to implement CI/CD

## Current development workflow of udapeople







3-MONTH RELEASE CYCLE

HIGH EFFORT WITH THE DEPLOYMENT OF THE SOFTWARE IN PRODUCTION

SLOW FEEDBACK FROM THE USERS

#### Faster feedback with Continuous Integration



every developer commits daily



every commit triggers an automated build and test of the codebasis



Faster feedback on the changes



More quality



Works hand-in-hand with aqile methods

#### Continuous Deployment

- Automated provision of the software
- creating infrastructure
- automated rollbacks
- provisioning servers
- smoke testing

### Benefits of Continuous Integration Continuous Deployment

less bugs in production

less time to market

reduced downtime

features released more quickly