



CI/CD at Udapeople

The benefits of implementing CI/CD



The Big Picture

- At Udapeople, we dream of being a global company, accessible to everyone, with a great customer experience every time our platform is reached.
- In today's competitive world, we need to be:
 - Fast delivering new features
 - Time to market needs to be reduced
 - Downtime must be targeted to 0 seconds / year

The development team scenario

Without CI/CD

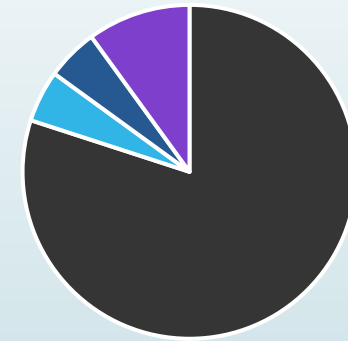
Distribution of time



- Developing
- Integrating new code
- Deploying
- Troubleshooting Production Issues

With CI/CD

Distribution of time



- Developing
- Integrating new code
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WHY were the previous graphics real?



The real benefits

CI – Continuous Integration

- New features are introduced to be main product line in an automated and reliable way
- Avoid integration of bad implemented code
- Guarantes security analysis (GDPT is guaranteed)
- Automation needs to be done once. Developers will have more time to develop new features, reducing time to market of those features

CD – Continuous Deployment

- Reliable deployment with no downtime. How?
 - Smoke tests
 - Reduced production downtime
 - Improved Time to Failure