Why you should embrace CI/CD for your DevOps!
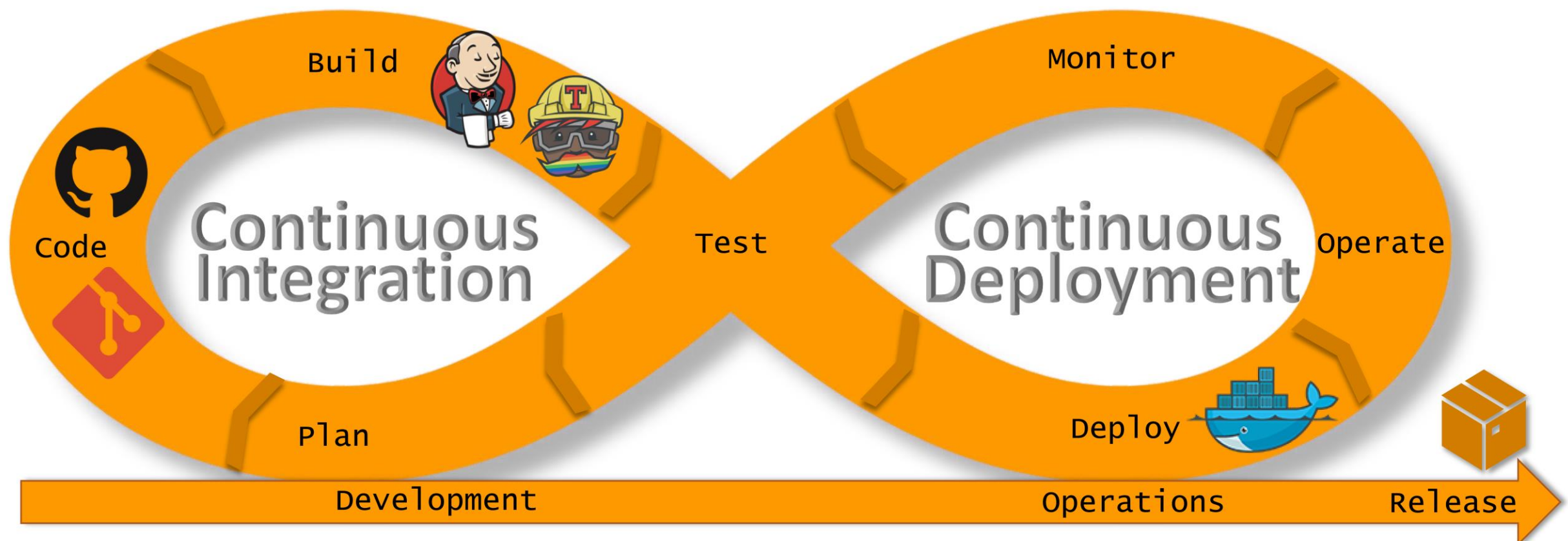

During a development cycle, a set of issues is worked on according to prioritization.
At the end of each iteration, it's possible to perform a release and push a development increment onto production. Each feature gets inspected and receives feedback, keeping the final product always up to date with the end-user needs.

The pipeline is reliable. That comes with a process standardisation, which increases transparency & visibility which finally improves the collaboration within the team. In practice, developers integrate their code in a shared repository, where it gets automatically verified.

GitFlow is a popular and successful branching model that enables collaborative, controlled development & releases, assuring the safety & quality of the released product.

Consistency

Agile framework

Version Control and branching

CI/CD

Streamlined pipelines speed-up delivery, making it easier to deploy more frequently. It's a big advantage, favoring innovation & increasing your chances to compete in the versatile market.

Velocity

Environment & dependencies

Development & testing should be done on production-like environments. The idea is to facilitate collaboration, be confident and avoid bad surprises on production.

Consistency, automation & testing improve drastically the quality of the delivery, by limiting errors and catching them at early stages.

Quality

Automation

Test

The Open-source hosted continuous integration service Travis CI, for example, automates package-level checks, triggered upon any push event & pull requests on the GitHib repository. Automation frees up time for the developers to focus on concrete product development.

Continuous testing is integrated and usually consists of unit, regression & performance tests.

Visit our workshop
'Why continuous integration'

Register Now!

- Version your code with Git & GitHub
- Set-up automated controls of your development on Travis CI
- Run unit tests for continuous integration (CI)
- Create branches, including branch protection
- Set-up continuous deployment CD via Travis CI/ GitHub Actions
- Release a branch

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