



CI/CD

Fundamentals and Benefits

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Traditional Approach



Deploy software in annual, quarterly, or monthly



Long time to market



Long Preparation time
before release

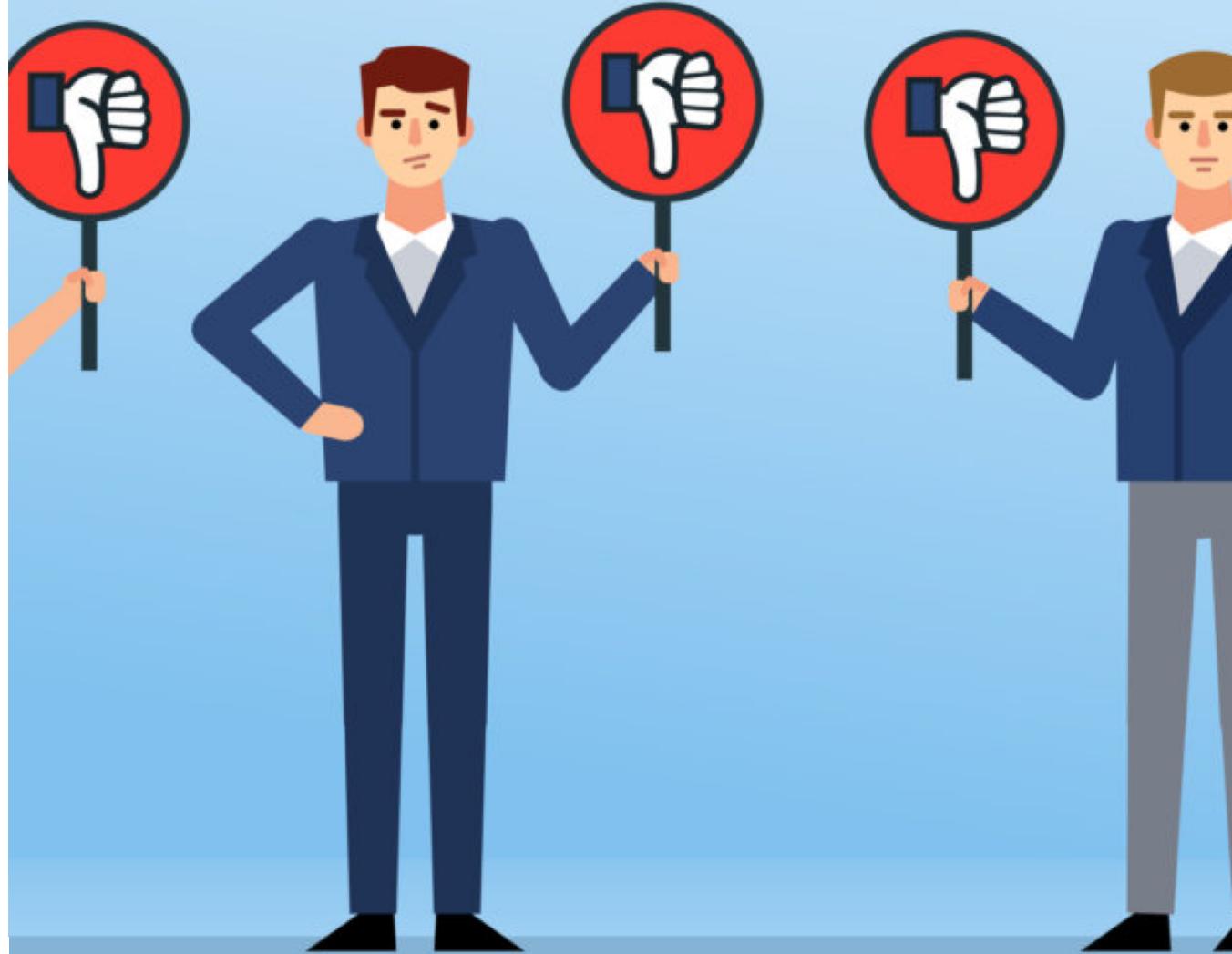


Low quality, more bugs,
etc:
*Customer is not satisfied
despite all efforts!*



Unhappy customers talk, they talk some more!

Bad service! Lets spread it.



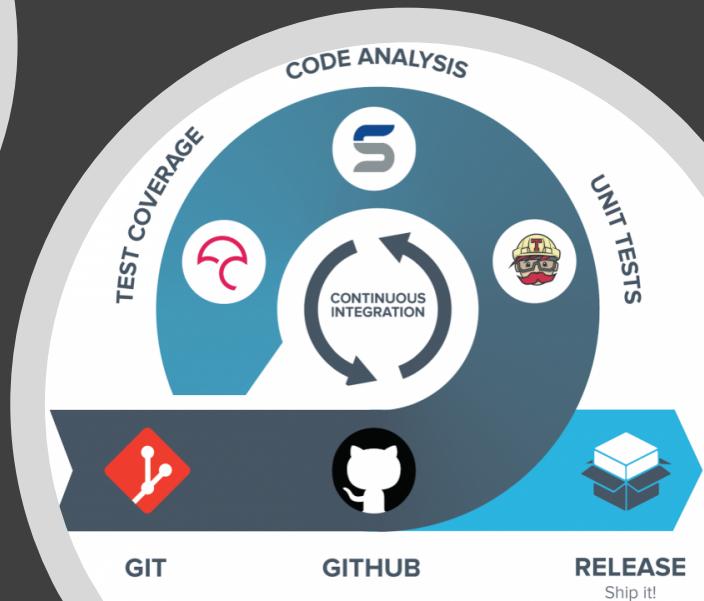
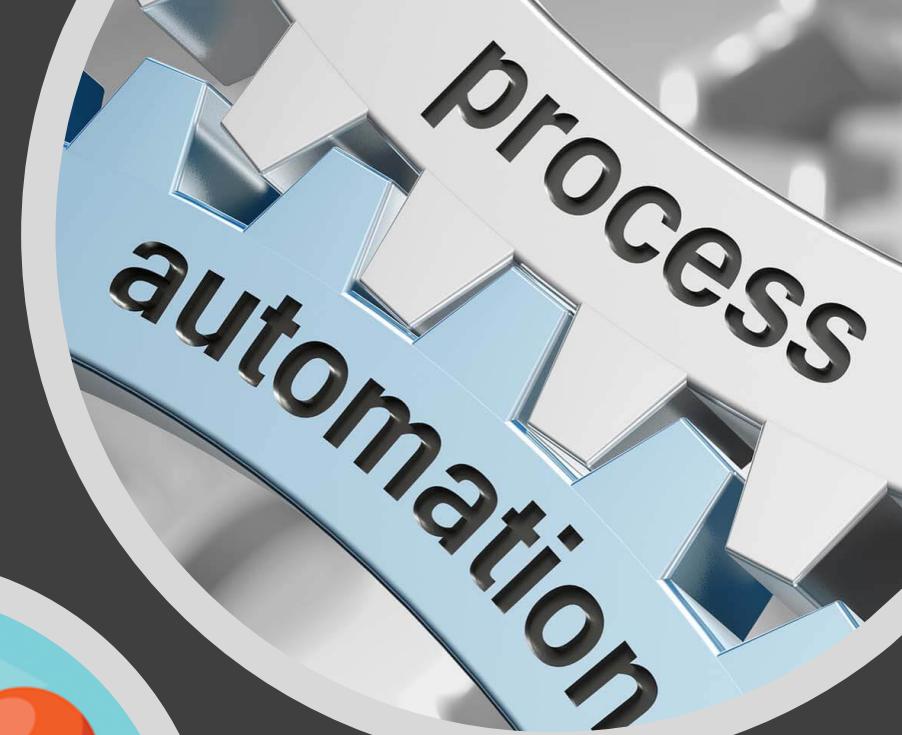
Traditional Approach (continue)

- Long downtimes:
this is a huge cost for company since service is down, customer is not happy and there is also a big chance to rollback!
- Humans as the main part of every actions, human errors are inevitable
- More employees, more efforts, more cost, less outcome!



CI/CD Fundamentals

- Possibility to deploy a new version on every single ticket
- Automate as much as possible
- Involve human as less as possible



CI/CD Benefits

- Several deployment during a day!
 - Much faster time to market
 - Almost no need for preparation to deploy
 - Much Less people are needed in the process after code implementation
 - High quality code, less bugs!
 - Automated processes without human errors
 - Reliable Releases
 - Stress reduction for everyone in company!

⇒ Happy Customers with much less cost!
(who don't want that...)

