

Travis CI

- Continuous Integration with GitHub



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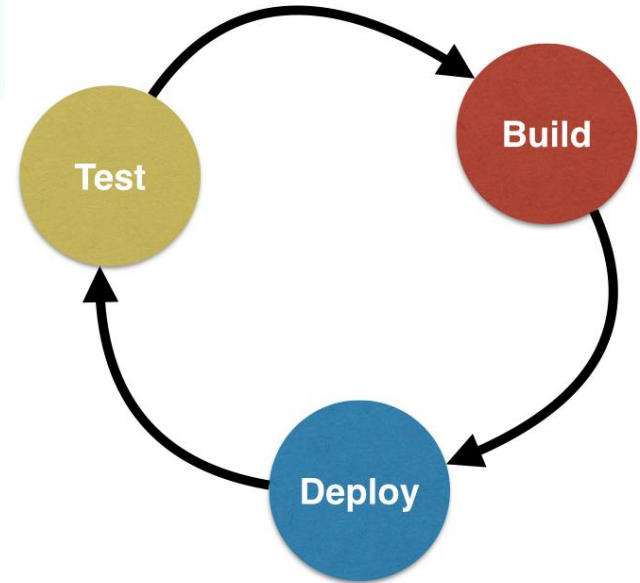
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Continuous Integration

It is a development practice of integrating code into a single build multiple times per day.

Involves automated builds which depend upon thorough automatic tests to ensure a successful build.



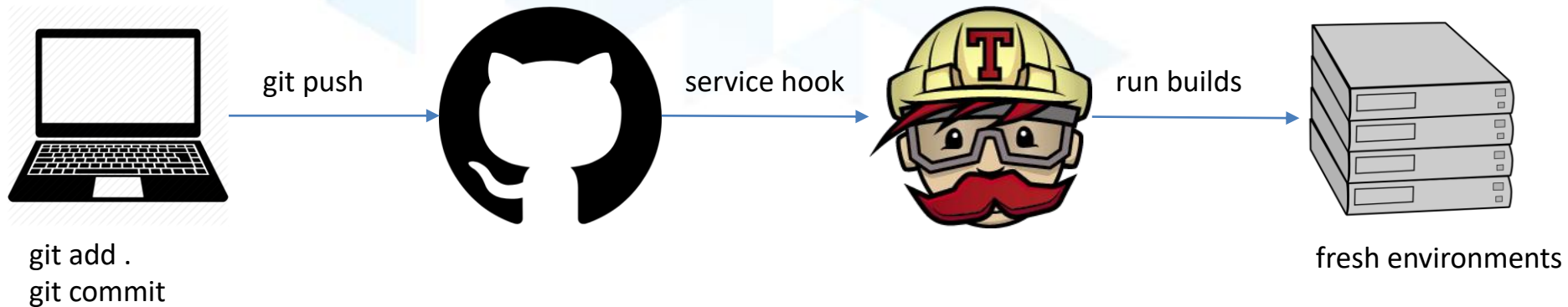
Travis CI

Hosted, distributed continuous integration service used to build and test software projects hosted at GitHub.

Functionalities:

- Build artefacts
- Run Tests
- Provide feedback
- Deploy to cloud services

How does it work?



Getting Started

- Host your project on github
- Sign in to Travis CI
- Flip the switch
- Add a .travis.yml file

The background features a pattern of light blue and white geometric shapes, specifically triangles and hexagons, arranged in a way that creates a 3D effect of stacked cubes or a low-poly landscape.

A simple Travis CI example

Build Lifecycle

- `before_install`
- `install`
- `before_script`
- `script`
- `after_success` or `after_failure`
- `after_script`

Limitations

- No manual builds
- No build pipelines
- Need to rely on their on their infrastructure
- Less extensible not suitable for high security projects

CI Tools



CODESHIP



circleci



Bamboo



Solano Labs



semaphore



snap



AppVeyor

drone.io



Thank You!