Deployment and continuous delivery without Jenkins (TM)

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Context: Continuous Integration

A practice.

As part of your DEV flow, automatically do anything — action or time triggered.

Context: Continuous Delivery

A practice.

Build your software so it is always deployable throughout its lifecycle.

See [Martin Fowler - Continuous Delivery](#)

Context: Technical support - CI Systems

- Jenkins, Circle CI, Gitlab CI, GitHub Actions

- Roll your own cron job or connect your bash script to a web hook

- SaaS or self hosted

CI Systems - Capabilities

- Describe your job / pipeline

- Multi-platform builds

- Complex environment setup

- Secret management

- Upload to anywhere aka deploy

- DEV flow integration

Show Case: Travis CI

- Describe your job / pipeline ✔
- Multi-platform builds ✔
- Complex environment setup ➖
- Secret management ✔
- Upload to anywhere aka deploy ✔
- DEV flow integration ✔

Show Case: Travis CI

- **.travis.yml** in a project defines the projects build pipeline
- ➡️ Infrastructure as code

Simple jobs...

```
language: node_js
node_js: 'node'

script:
  - npm run all
```

More complex jobs...

- [bpmn-js](#)
- [Camunda Modeler](#)

Demo

Wrap up

- No self-hosted Jenkins is needed in many cases

- Infrastructure as code is 👑

- Visibility and feedback is 👑

- Proper integration into DEV flow is a must

Thanks