

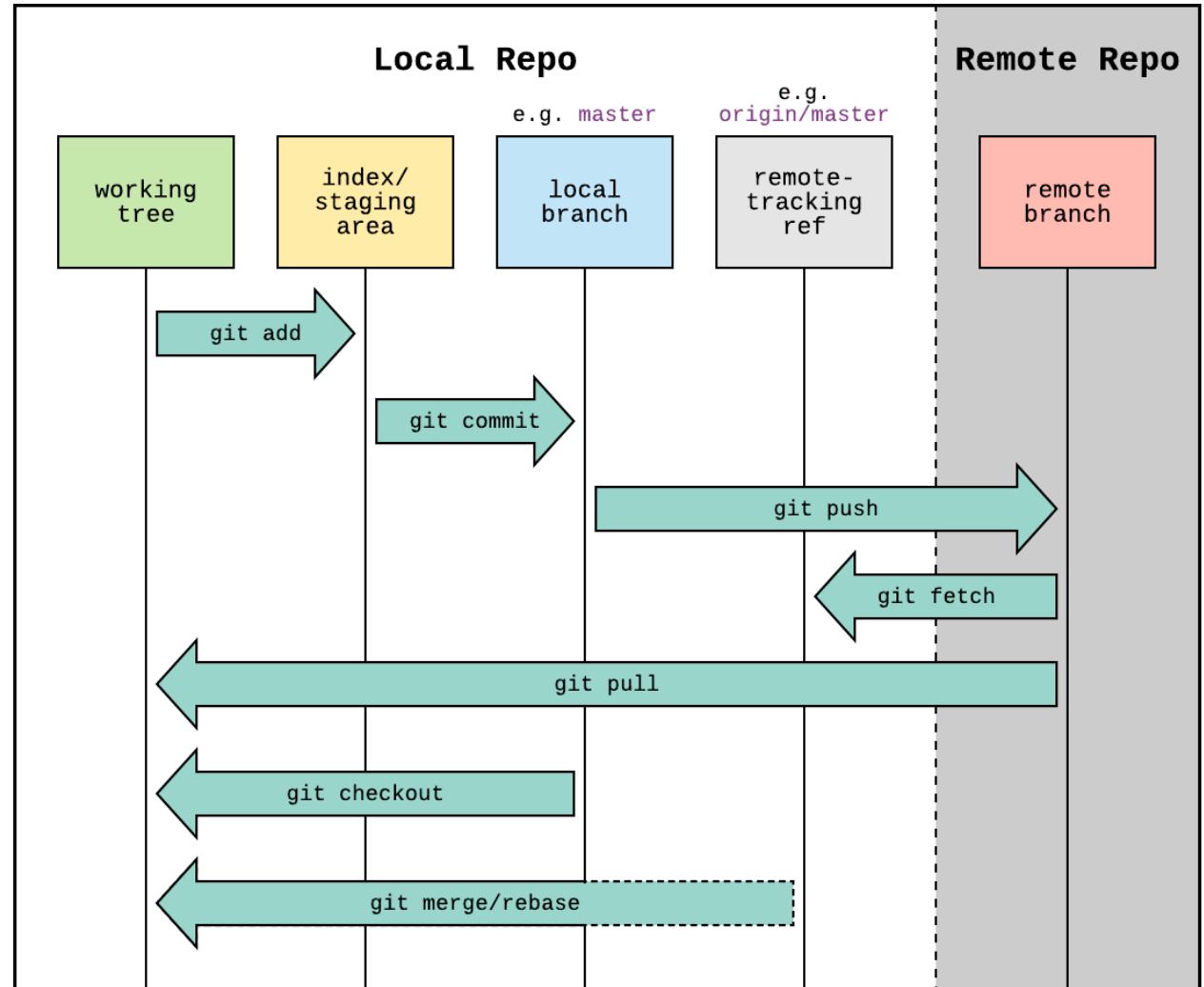
Siffrein Sigy et Viktor Colas

CI/CD

Sommaire

- Petit rappels: Git
- C'est quoi le CI/CD ?
- Un petit exemple (assez complet)
- Ça utilise quoi ?
- C'est facile ?
- Petit TP

Petit rappel: Git



C'EST QUOI LE CI/CD ?



CONTINUOUS
INTEGRATION

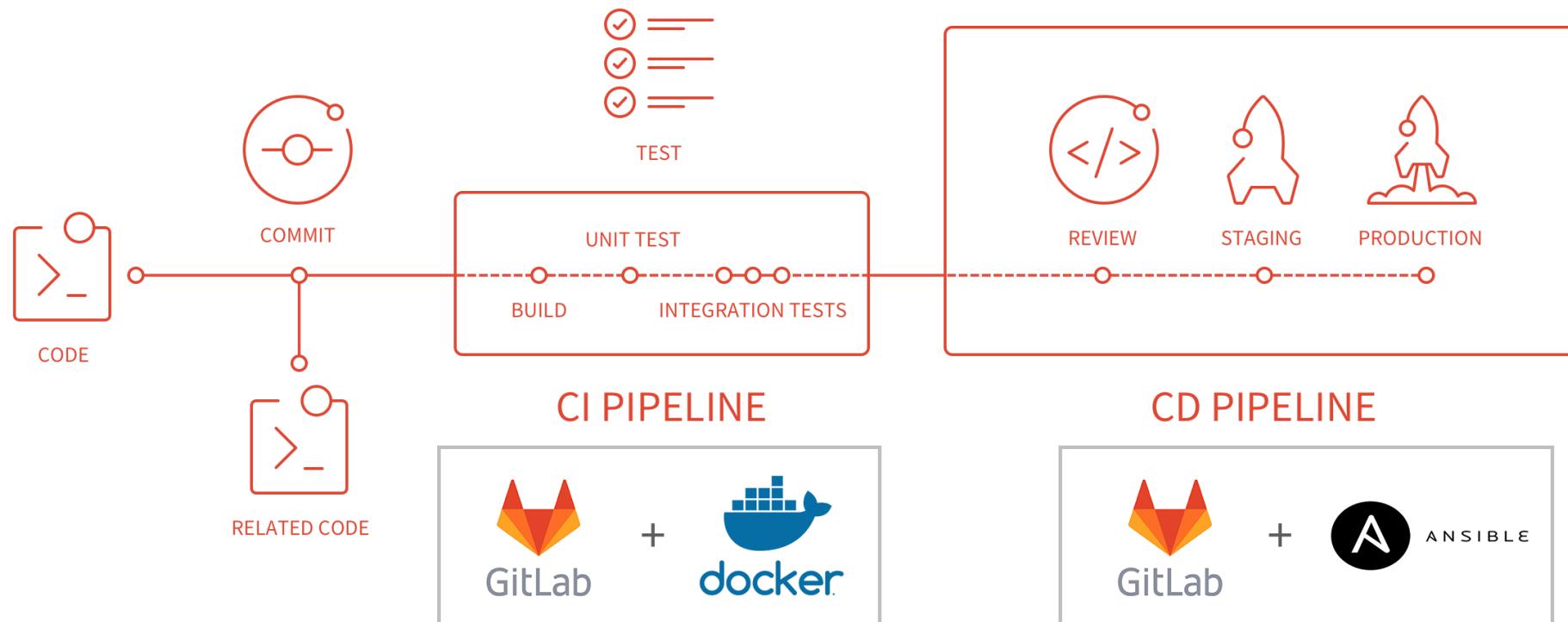


CONTINUOUS
DELIVERY



CONTINUOUS
DEPLOYMENT

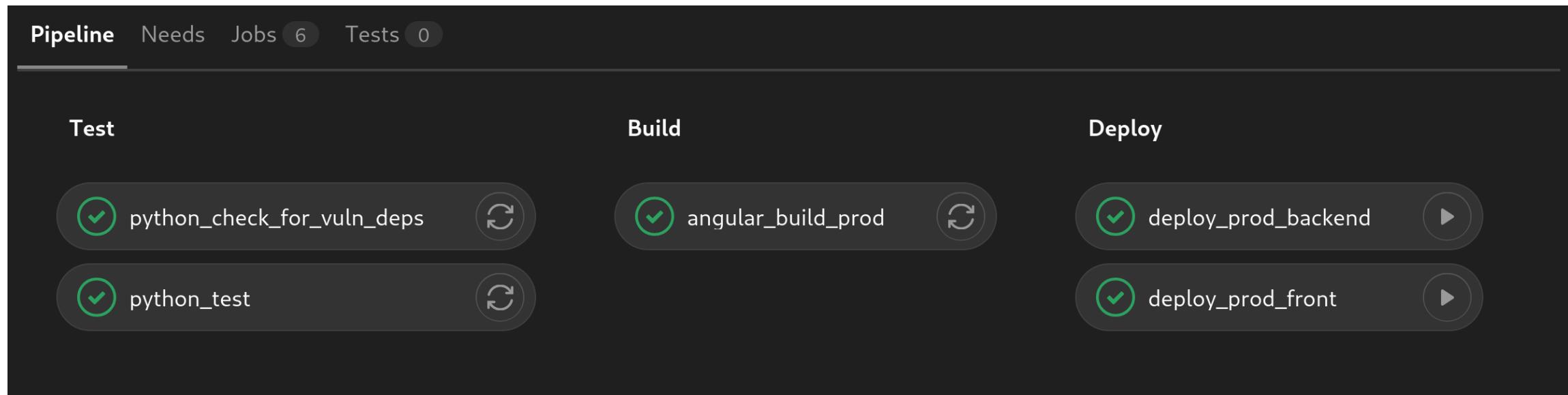
Cycle de développement d'une application



Un exemple

Status	Pipeline	Triggerer	Stages
 passed 🕒 00:10:52 📅 3 days ago	Fix missing 's' for scope #2171 ↗ implement_api_key -o- 51c86ddc latest		
 passed 🕒 00:11:42 📅 3 days ago	Forget scope #2170 ↗ implement_api_key -o- 4b5408b9		
 passed 🕒 00:07:01 📅 4 days ago	Minor modifications due to pylint #2165 ↗ implement_api_key -o- 4b2276c8		

Mais plus précisément





Un cas pratique



Ça utilise quoi ?

- Machine physique
- Docker
- Kubernetes
- Machine Virtuelle

L'implémentation: exemple de gitlab

Gitlab-runner

Available shared runners: 1

- #15 (cd96a253)
Shared MiNET gitlab-runner. Feel free to use it for any project!

Group runners

These runners are shared across projects in this group.

Group runners can be managed with the [Runner API](#).

[Disable group runners](#) for this project

This group does not have any group runners yet. Ask your group owner to set up a group runner.

Available specific runners

- #49 (YSzPoCBJ) 🔒 [Edit](#) [Run](#) [Remove runner](#)
adh6-dev
dev
- #23 (DzjXaYPe) 🔒 [Edit](#) [Run](#) [Remove runner](#)
adh6-frontend
adh6-frontend adh6-prod
- #22 (8VDDFosG) 🔒 [Edit](#) [Run](#) [Remove runner](#)
adh6-api
adh6-backend adh6-prod

C'EST FACILE ?



OUI !



Configuration en YAML

Status

Pipeline

Triggerer

Stages

remove sudo de ses morts

#2198 ➝ master -o 494b0bb5



⌚ In progress

latest

(✗) failed

⌚ 00:02:33

⌚ 1 minute ago

add gcc into alpine

#2197 ➝ master -o 861a5c32



(✗) failed

⌚ 00:02:02

⌚ 5 minutes ago

Change CICD

#2196 ➝ master -o d2e927c0



(✗) failed

⌚ 10 minutes ago

Change CICD

#2195 ➝ master -o e0001bd2



(✗) failed

⌚ 1 hour ago

First initialization for CICD

#2194 ➝ master -o 7e4e9999



En fait pas tout le temps

Petit TP

