



Siffrein Sigy et Viktor Colas

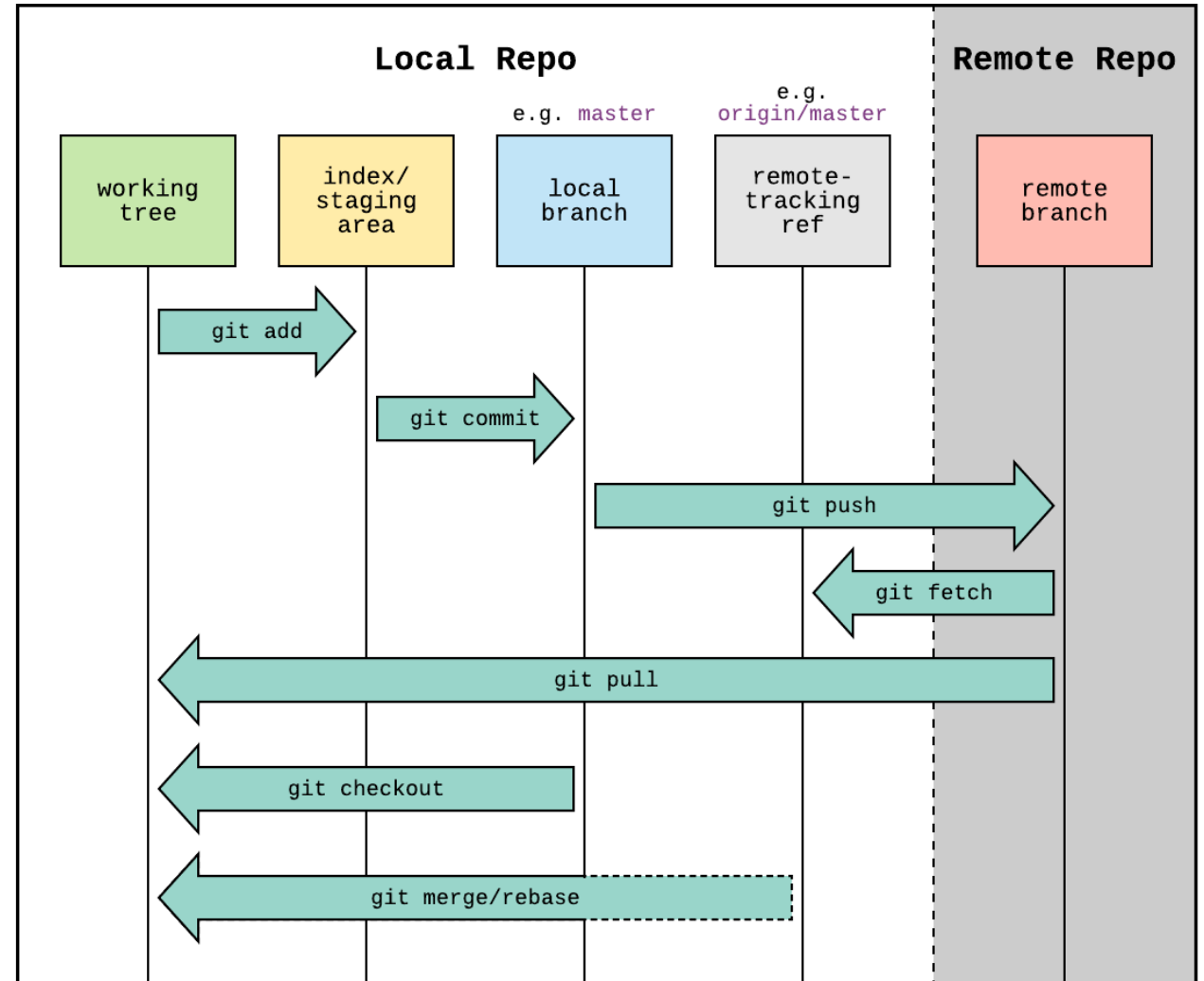
CI/CD

The background of the slide features a repeating pattern of pink alarm clocks. Each clock has a human-like face with two eyes and a large, open mouth, giving them the appearance of screaming or shouting. The clocks are scattered across the slide, with some partially visible at the edges. The overall color scheme is a muted teal or blue-green.

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 K O I L E C I / C D ?



CONTINUOUS
INTEGRATION

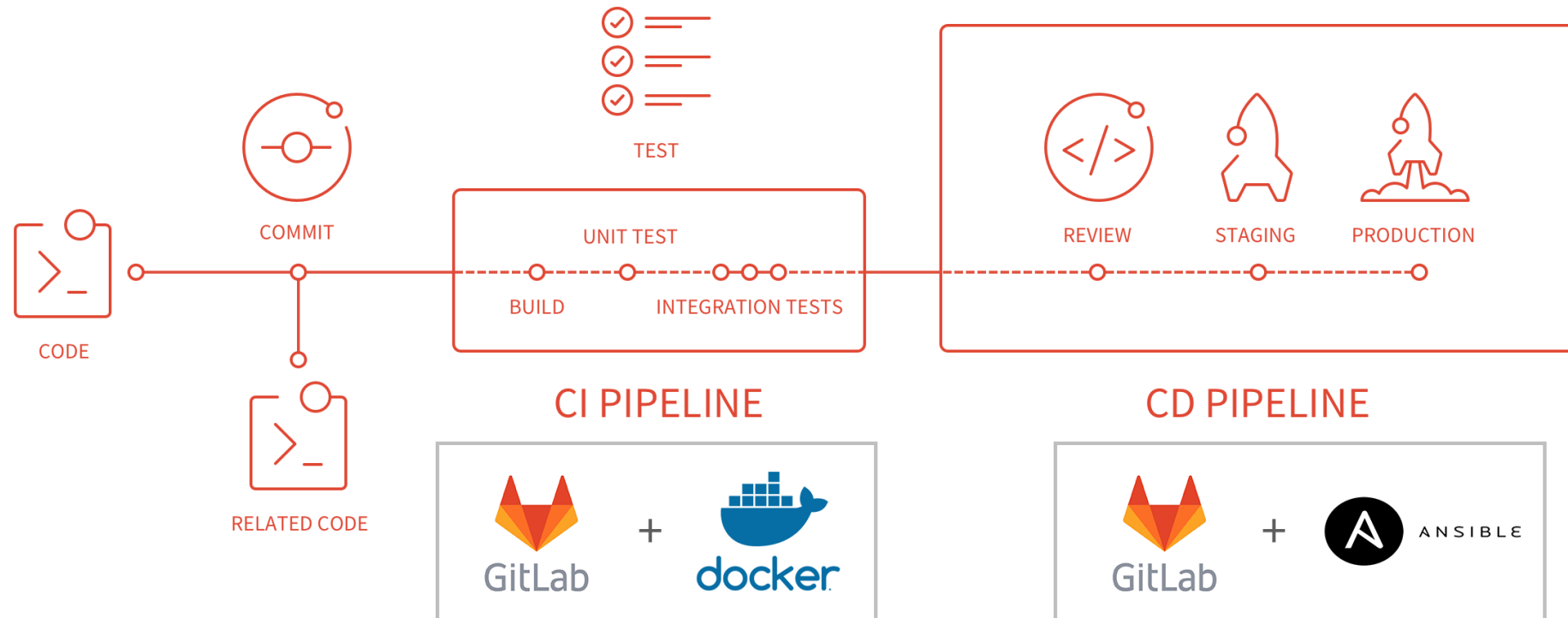


CONTINUOUS
DELIVERY












CONTINUOUS
DEPLOYMENT

Cycle de développement d'une application



Un exemple

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

Mais plus précisément

Pipeline Needs Jobs 6 Tests 0

Test

✓ python_check_for_vuln_deps ↺

✓ python_test ↺

Build

✓ angular_build_prod ↺

Deploy

✓ deploy_prod_backend ▶

✓ deploy_prod_front ▶



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) 🔒

  Remove runner

adh6-dev

dev

● #23 (DzjXaYPe) 🔒

  Remove runner

adh6-frontend

adh6-frontend

adh6-prod

● #22 (8VDDFosG) 🔒

  Remove runner

adh6-api

adh6-backend

adh6-prod

C FACILE ?



OUI !



Configuration en YAML

Status	Pipeline	Triggerer	Stages	
<div>🌙 running</div> <div>⌚ In progress</div>	remove sudo de ses morts #2198 master 494b0bb5 latest			<div>🚫 ⋮</div>
<div>❌ failed</div> <div>⌚ 00:02:33</div> <div>📅 1 minute ago</div>	add gcc into alpine #2197 master 861a5c32			<div>🔄 ⋮</div>
<div>❌ failed</div> <div>⌚ 00:02:02</div> <div>📅 5 minutes ago</div>	Change CI/CD #2196 master d2e927c0			<div>🔄 ⋮</div>
<div>❌ failed</div> <div>📅 10 minutes ago</div>	Change CI/CD #2195 master e0001bd2			<div>🔄 ⋮</div>
<div>❌ failed</div> <div>📅 1 hour ago</div>	First initialization for CI/CD #2194 master 7e4e9999			<div>🔄 ⋮</div>

En fait pas tout le temps

Petit TP

