



CICD - Application en Node.js

Présentation du Projet Final - Formation Devops

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Plan

Qui sommes-nous ?

Introduction

I. Infrastructure

II. Architecture

III. Pipeline CI-CD

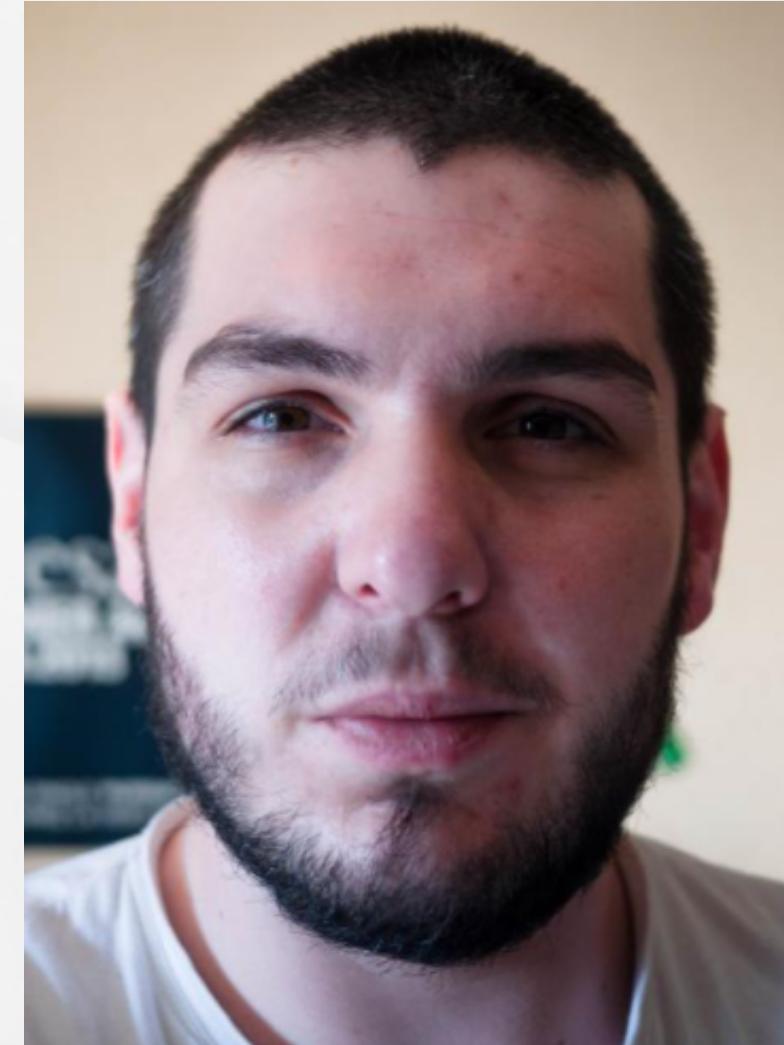
IV. Demo

Conclusion

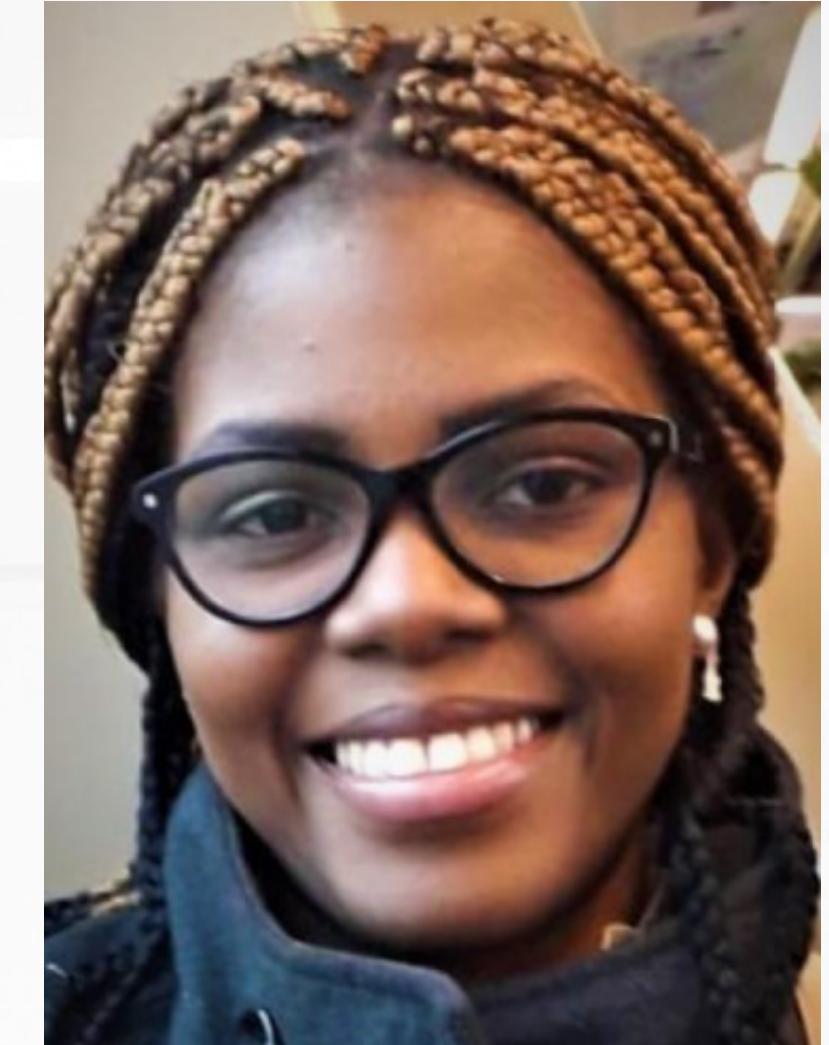
Qui sommes-nous ?



Marceline



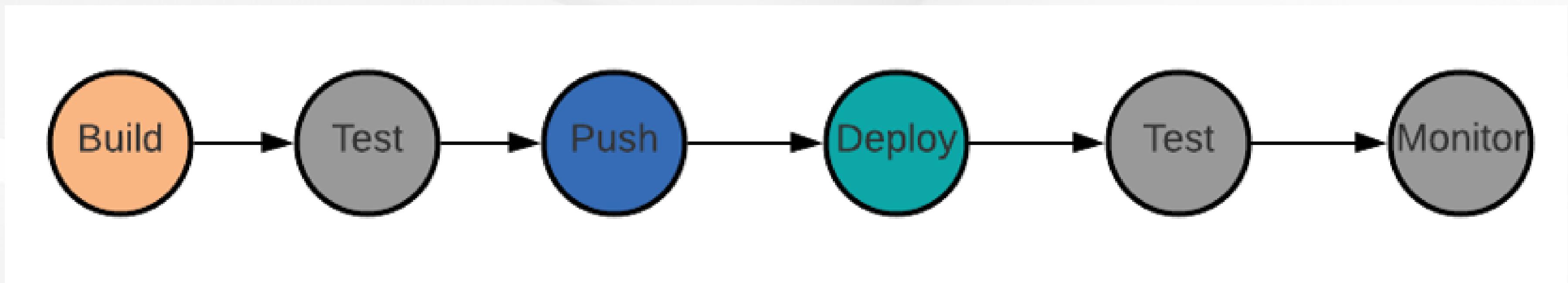
Pierre-Gilles



Amandine

Introduction

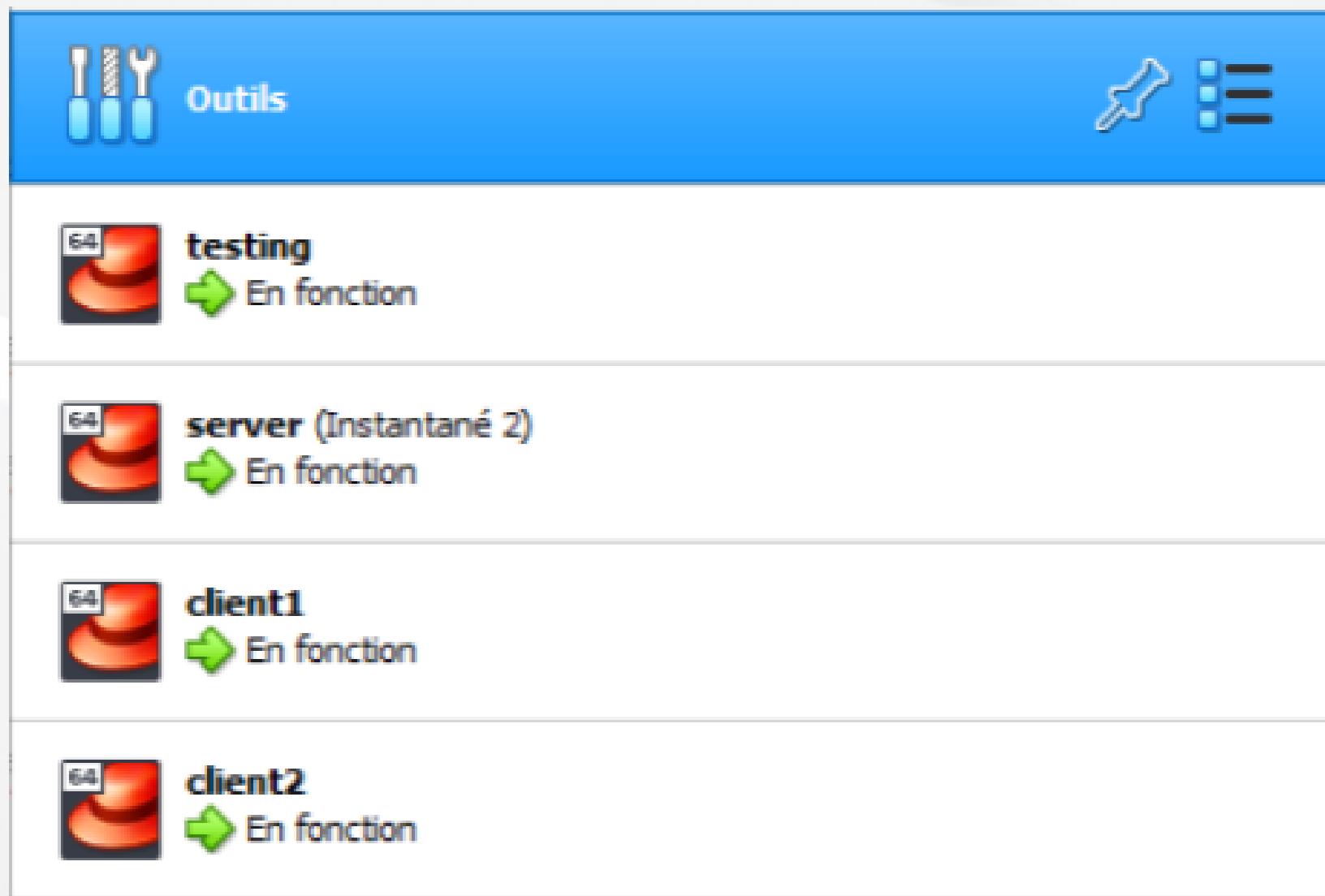
- Énoncé du projet



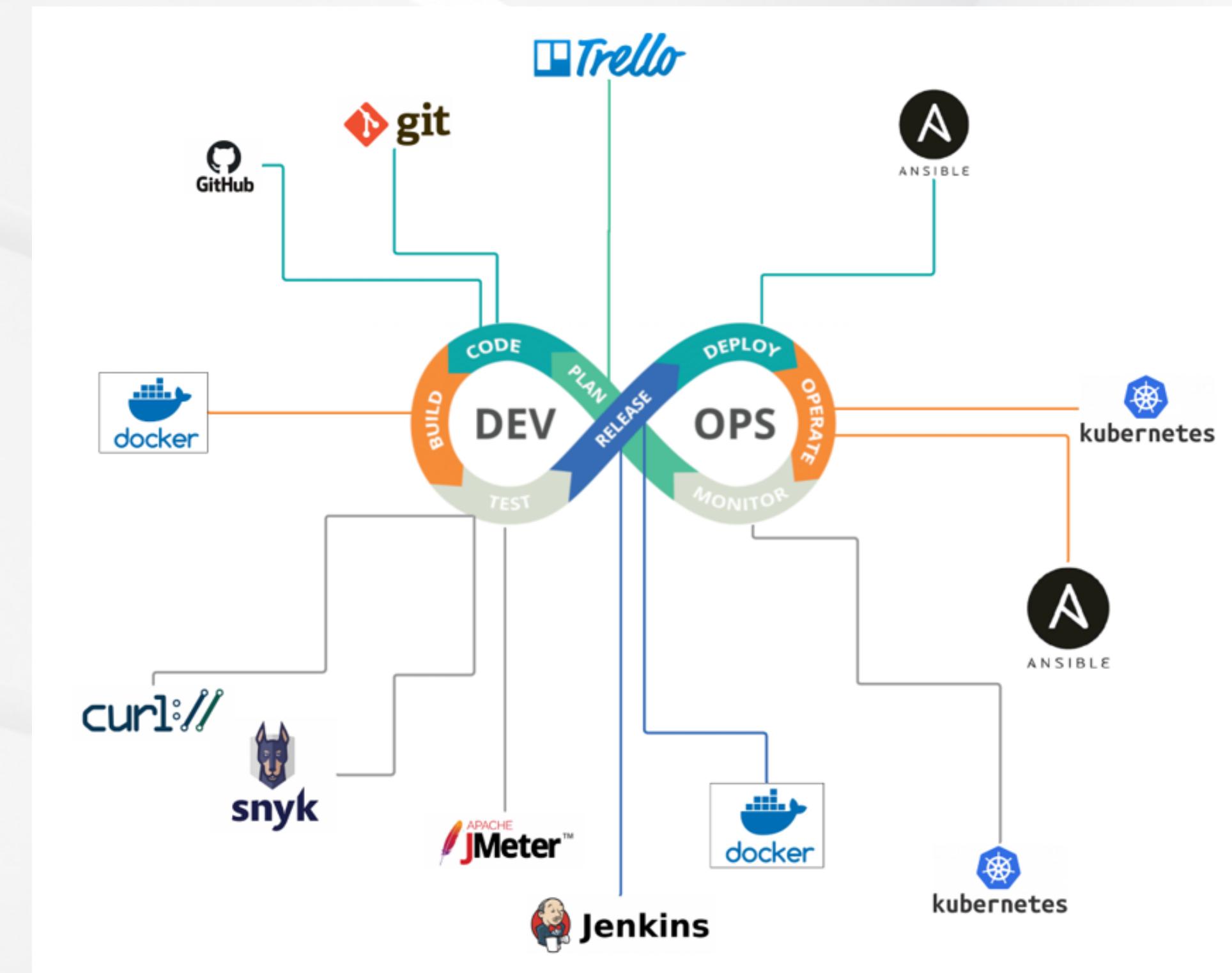
I. Infrastructure

- Le rôle des environnements

- La création des ressources



II. Architecture DevOps



III. Pipeline CI-CD

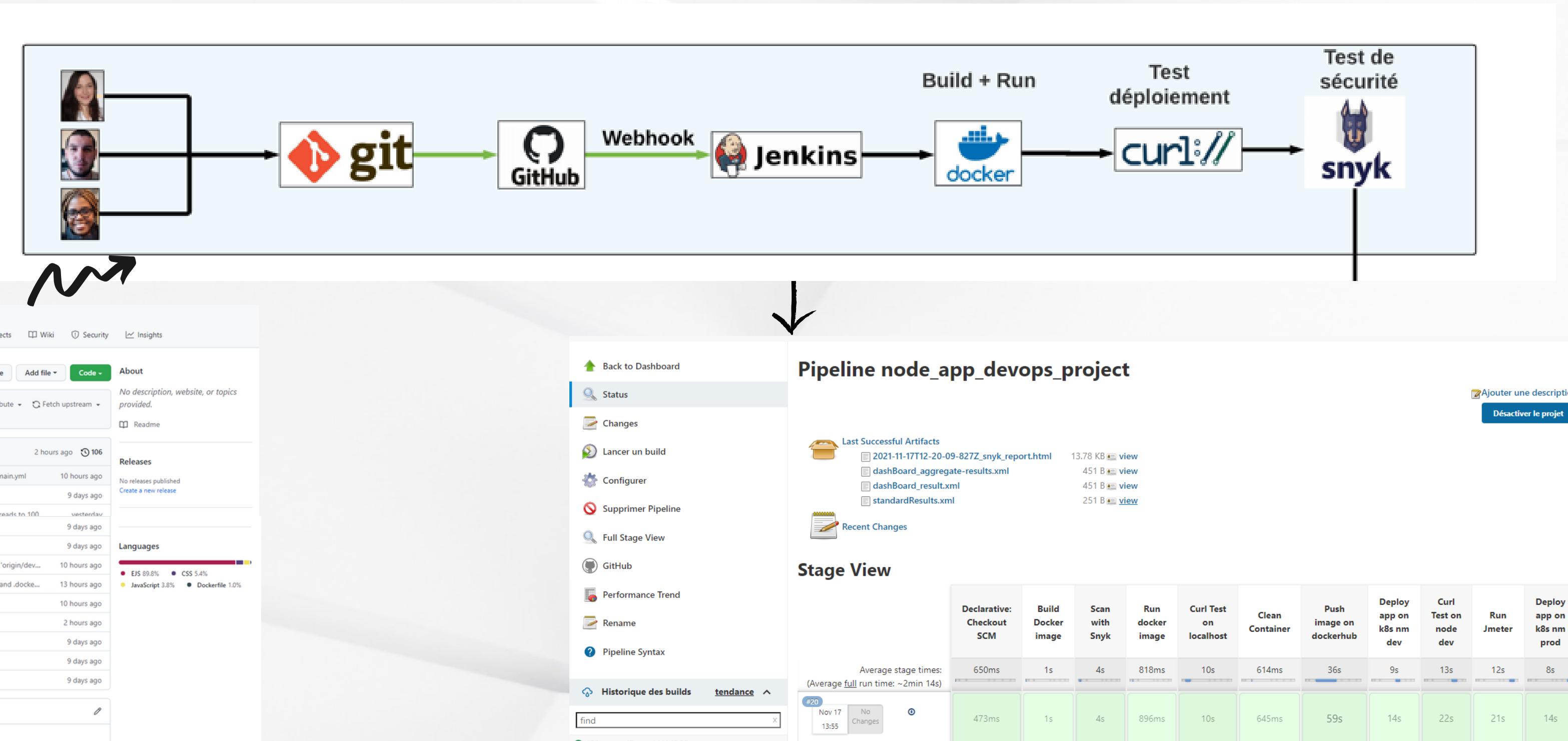
- C'est quoi un pipeline CI-CD?
- Pipeline jenkins



Jenkinsfile

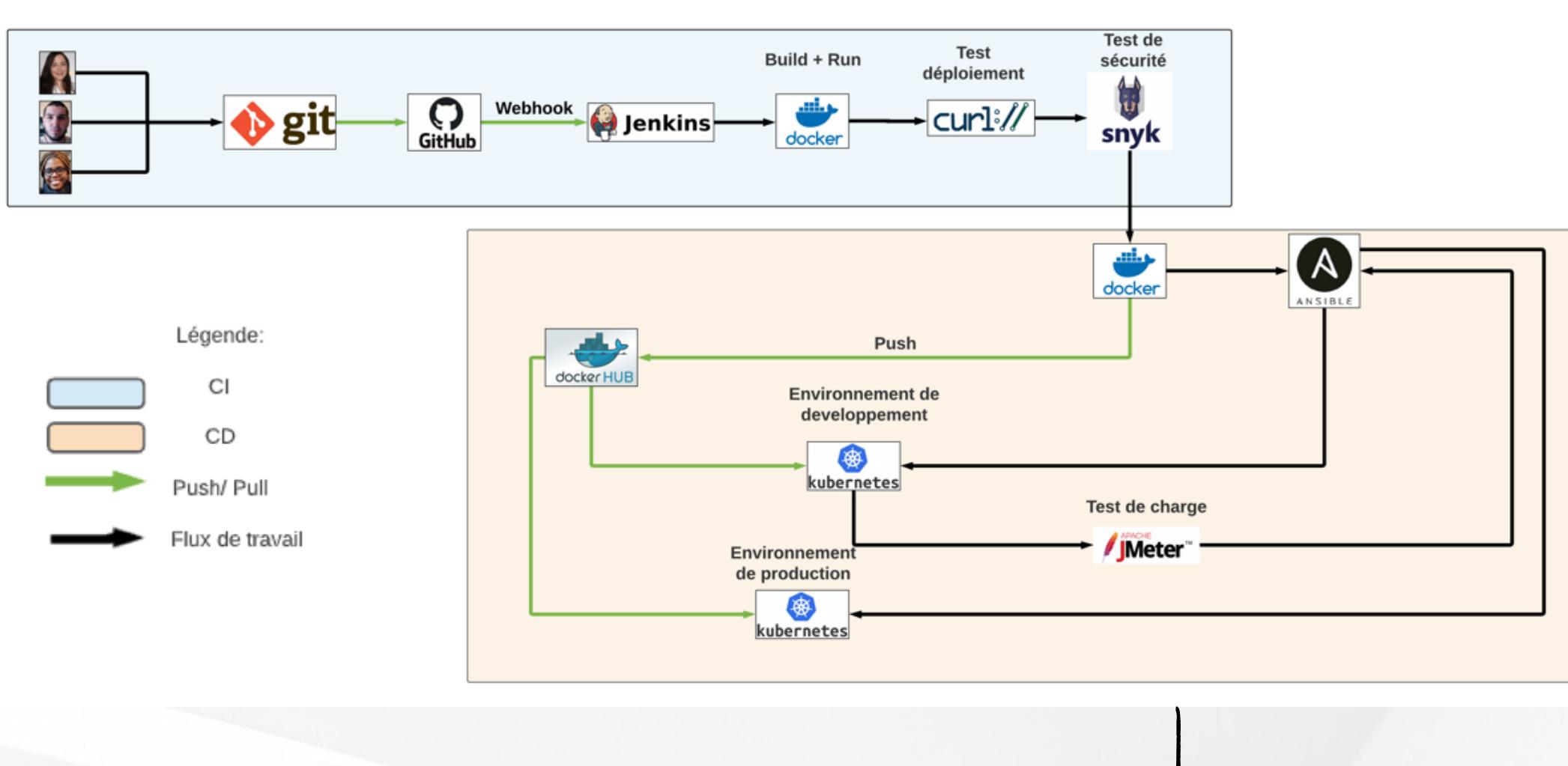
III. Pipeline CI-CD

1. Pipeline CI



III. Pipeline CI-CD

2. Pipeline CD



Test de charge par URI: aggregate-results.xml

[Response time trends for build: "node_app_devops_project #12"](#)

Comparison with previous build

URI	Samples	Moyenne (ms)	Min(ms)	Median(ms)	Line 90.0(ms)	Max(ms)	Http Code	Erreurs (%)	Moyenne (KB)	Total (KB)
HTTP Request	100 +0	11 0	5 0	8 0	20 0	80 0		0.0 % 0.0 %	0.0 0.0	0.0 0.0
Toutes les URIs	100 +0	11 0	5 0	8 0	20 0	80 0		0.0 % 0.0 %	21400.0	2140000.0

- déploiement réussi en dev & prod



IV. Demo

Non sécurisé | 192.168.99.10:8080/me/my-views/view/all/job/node_app_devops_project/ Mettre à jour

Tableau de bord > amandine > Mes vues > Tous > node_app_devops_project >

Back to Dashboard Status Changes Lancer un build Configurer Supprimer Pipeline Full Stage View GitHub Performance Trend Rename Pipeline Syntax Historique des builds tendance ^

find #20 17 nov. 2021 12:55 #19 17 nov. 2021 12:52 #18 17 nov. 2021 12:47

Pipeline node_app_devops_project

Ajouter une description Désactiver le projet

Last Successful Artifacts

	2021-11-17T12-20-09-827Z_snyk_report.html	13.78 KB	view
	dashBoard_aggregate-results.xml	451 B	view
	dashBoard_result.xml	451 B	view
	standardResults.xml	251 B	view

Recent Changes

Stage View

Declarative: Checkout SCM	Build Docker image	Scan with Snyk	Run docker image	Curl Test on localhost	Clean Container	Push image on dockerhub	Deploy app on k8s nm dev	Curl Test on node dev	Run Jmeter	Deploy app on k8s nm prod	
650ms	1s	4s	818ms	10s	614ms	36s	9s	13s	12s	8s	
#20 Nov 17 13:55 No Changes	473ms	1s	4s	896ms	10s	645ms	59s	14s	22s	21s	14s
#19 Nov 17 13:52 1 commit	796ms	1s	3s	575ms	10s	635ms	59s	14s	22s	21s	14s

Conclusion

- CI
- CD
- Pipeline fonctionnel et modulaire

Axe d'améliorations

- Jenkinsfile
- Clés SSH
- Jmeter template

Merci pour votre
attention