













## TP CI / CD

Lien de notre github : <https://github.com/loux22/tp-pipeline-cicd>

**Groupe : Louis Ardilly et David Da Silva Teixeira**

**Nous avons travaillé avec docker et non aws pour créer notre gitlab et nos runners shell et docker**

Service	Image	Status	Restarted	Actions
ci	-	Running (3/3)	32 minutes ago	  
gitlab-runner	<a href="#">gitlab/gitlab-runner:latest</a>	Running	2 hours ago	  
gitlab-runner-docker	<a href="#">gitlab/gitlab-runner:latest</a>	Running	32 minutes ago	  
gitlab	<a href="#">ci-gitlab</a>	Running	2 hours ago	  

```
gitlab-runner register \ --non-interactive \ --url "http://gitlab/" \ --
registration-token "GR1348941mBCK5es5tshhQML_id9W" \ --description "docker-
runner" \ --tag-list "runner2,docker" \ --executor "docker" \ --docker-image
alpine:latest \ --docker-network-mode gitlab-network
```

Site lancé sur le <http://localhost:8100/home>

## Debug du typage de certaines variables qui faisait planter les api

Containers

Images

Volumes

Dev Environments BETA

Extensions

+

Add Extensions

Containers

Give feedback

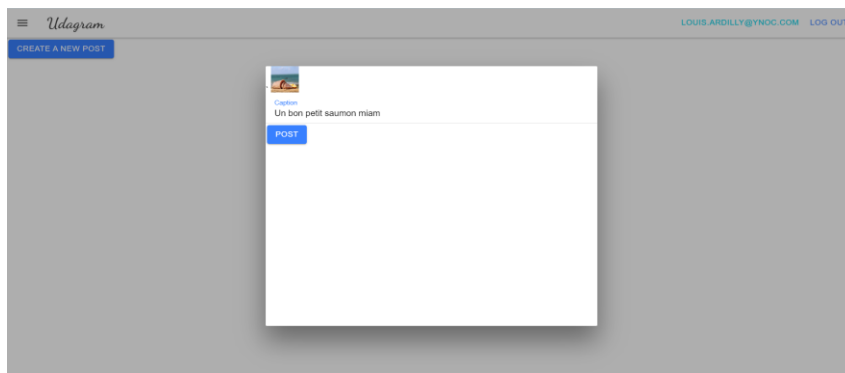
A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. [Learn more](#)

Only show running containers

Search

	Name	Image	Status	Port(s)	Last started	Actions
<input type="checkbox"/>	<div> <div></div> <div>m2</div> </div>	-	Running (5/5)		0 seconds ago	<div></div> <div></div> <div></div>
<input type="checkbox"/>	<div> <div></div> <div>udagramd-db-1</div> <div>cf12c051e358</div> <div></div> </div>	postgres	Running	5432:5432	4 seconds ago	<div></div> <div></div> <div></div>
<input type="checkbox"/>	<div> <div></div> <div>frontend-1</div> <div>ad186c87ffaf</div> <div></div> </div>	m2-frontend	Running	8100:80	4 seconds ago	<div></div> <div></div> <div></div>
<input type="checkbox"/>	<div> <div></div> <div>backend-user-1</div> <div>be36ff8277f7</div> <div></div> </div>	m2-backend-user	Running		2 seconds ago	<div></div> <div></div> <div></div>
<input type="checkbox"/>	<div> <div></div> <div>reverseproxy-1</div> <div>0a8614fd4985</div> <div></div> </div>	m2-reverseproxy	Running	8080:8080	0 seconds ago	<div></div> <div></div> <div></div>
<input type="checkbox"/>	<div> <div></div> <div>backend-feed-1</div> <div>08a1ea77a597</div> <div></div> </div>	m2-backend-feed	Running		2 seconds ago	<div></div> <div></div> <div></div>

site :



Nous avons creer les variables d'environnements sur gitlab pour se connecter à dockerhub et changer la version des tags images :

Variables can have several attributes. [Learn more](#).

- **Protected:** Only exposed to protected branches or protected tags.
- **Masked:** Hidden in job logs. Must match masking requirements.
- **Expanded:** Variables with `$` will be treated as the start of a reference to another variable.

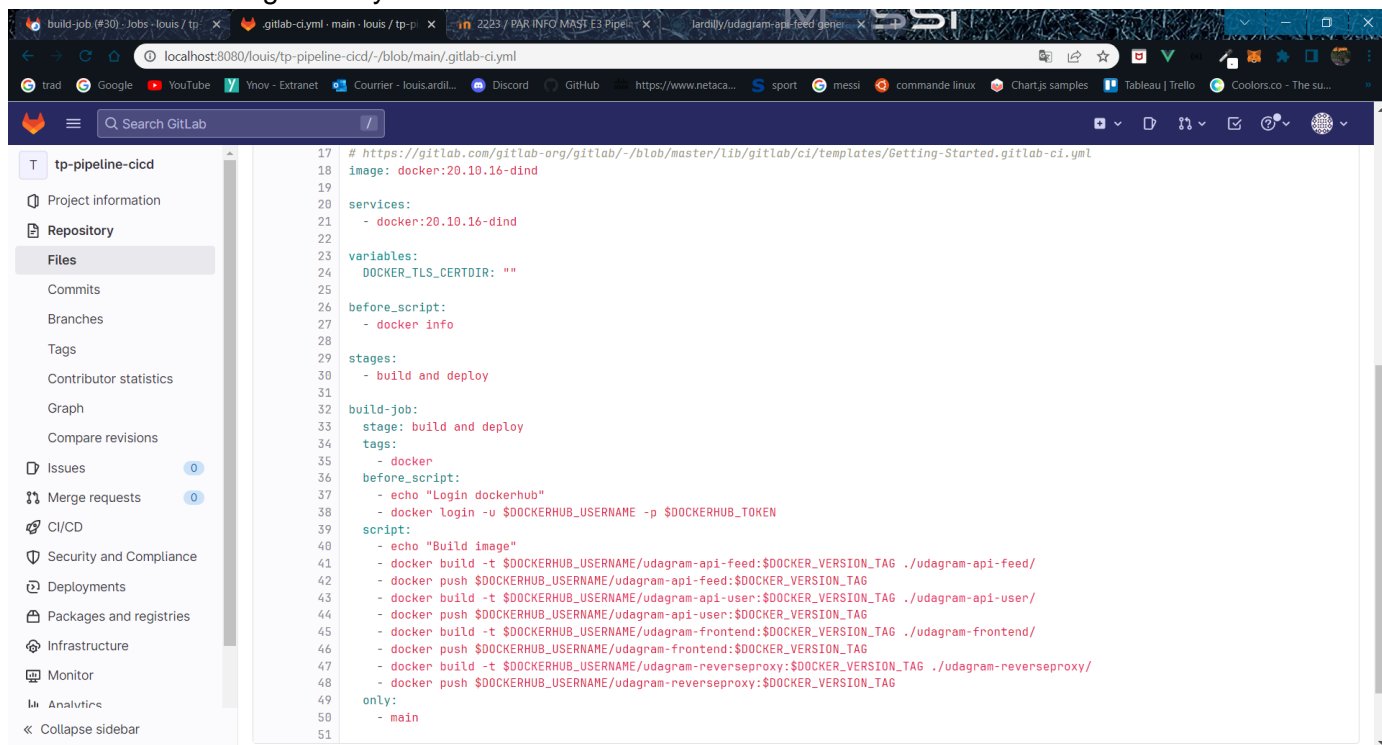
Environment variables are configured by your administrator to be **protected** by default.

Type	↑ Key	Value	Options	Environments
Variable	DOCKERHUB_TOKEN	*****	Expanded	All (default)
Variable	DOCKERHUB_USERNAME	*****	Masked, Expanded	All (default)
Variable	DOCKER_VERSION_TAG	*****	Expanded	All (default)

[Add variable](#)

[Reveal values](#)

Contenu du fichier .gitlab-ci.yml :



```
17 # https://gitlab.com/gitlab-org/gitlab/-/blob/master/lib/gitlab/ci/templates/Getting-Started.gitlab-ci.yml
18 image: docker:20.10.16-dind
19
20 services:
21   - docker:20.10.16-dind
22
23 variables:
24   DOCKER_TLS_CERTDIR: ""
25
26 before_script:
27   - docker info
28
29 stages:
30   - build and deploy
31
32 build-job:
33   stage: build and deploy
34   tags:
35     - docker
36   before_script:
37     - echo "Login dockerhub"
38     - docker login -u $DOCKERHUB_USERNAME -p $DOCKERHUB_TOKEN
39   script:
40     - echo "Build image"
41     - docker build -t $DOCKERHUB_USERNAME/udagram-api-feed:$DOCKER_VERSION_TAG ./udagram-api-feed/
42     - docker push $DOCKERHUB_USERNAME/udagram-api-feed:$DOCKER_VERSION_TAG
43     - docker build -t $DOCKERHUB_USERNAME/udagram-api-user:$DOCKER_VERSION_TAG ./udagram-api-user/
44     - docker push $DOCKERHUB_USERNAME/udagram-api-user:$DOCKER_VERSION_TAG
45     - docker build -t $DOCKERHUB_USERNAME/udagram-frontend:$DOCKER_VERSION_TAG ./udagram-frontend/
46     - docker push $DOCKERHUB_USERNAME/udagram-frontend:$DOCKER_VERSION_TAG
47     - docker build -t $DOCKERHUB_USERNAME/udagram-reverseproxy:$DOCKER_VERSION_TAG ./udagram-reverseproxy/
48     - docker push $DOCKERHUB_USERNAME/udagram-reverseproxy:$DOCKER_VERSION_TAG
49   only:
50     - main
51
```

Runners :

Assigned project runners

#2 (ec5aMiKss)

[Remove runner](#)

docker-runner

docker runner2

#1 (tuLszUusR)

































[Remove runner](#)

d084013ad168

runner1 shell

Pipeline :

Nous remarquons que pendant que notre pipeline s'effectue des containers sont créer pour nos 4 images

<input type="checkbox"/>	Name	Image	Status	Port(s)	Last started	Actions
<input type="checkbox"/>	 runner-ec5amiks-project-2-c ca923fa51a72	<a href="#">sha256:1f6c0346b90562fa44</a>	Running		22 seconds ago	  
<input type="checkbox"/>	 runner-ec5amiks-project-2-c 97cc79f66626	<a href="#">sha256:c9b945b6dc4137187f</a>	Exited		4 seconds ago	  
<input type="checkbox"/>	 runner-ec5amiks-project-2-c 5a4fe9364777	<a href="#">sha256:c9b945b6dc4137187f</a>	Exited		2 seconds ago	  
<input type="checkbox"/>	 runner-ec5amiks-project-2-c 4a9b3b435957	<a href="#">sha256:1f6c0346b90562fa44</a>	Running		0 seconds ago	  
<input type="checkbox"/>	 ci	-	Running (3/3)		2 hours ago	  
<input type="checkbox"/>	 gitlab-runner d084013ad168	<a href="#">gitlab/gitlab-runner:latest</a>	Running		3 hours ago	  
<input type="checkbox"/>	 gitlab-runner-docker d9bff2c0e517	<a href="#">gitlab/gitlab-runner:latest</a>	Running		2 hours ago	  
<input type="checkbox"/>	 gitlab 9d3fa17d4d4d	<a href="#">ci-gitlab</a>	Running	<a href="#">2222:22</a> <a href="#">Show all ports (3)</a>	3 hours ago	  

```
417 ---> 19f2c04fb4b5
418 Successfully built 19f2c04fb4b5
419 Successfully tagged lardilly/udagram-reverseproxy:1.0.5
420 $ docker push $DOCKERHUB_USERNAME/udagram-reverseproxy:$DOCKER_VERSION_TAG
421 The push refers to repository [docker.io/lardilly/udagram-reverseproxy]
422 97b55c126d1a: Preparing
423 31531248c7cb: Preparing
424 f9cb3f1fd3d: Preparing
425 f0fb842dea41: Preparing
426 c1cd5c8c68ef: Preparing
427 1d54586a1706: Preparing
428 1003ff723696: Preparing
429 f1417ff83b31: Preparing
430 1003ff723696: Waiting
431 f1417ff83b31: Waiting
432 1d54586a1706: Waiting
433 f9cb3f1fd3d: Layer already exists
434 c1cd5c8c68ef: Layer already exists
435 31531248c7cb: Layer already exists
436 f0fb842dea41: Layer already exists
437 1d54586a1706: Layer already exists
438 1003ff723696: Layer already exists
439 f1417ff83b31: Layer already exists
440 97b55c126d1a: Pushed
441 1.0.5: digest: sha256:1b8e6e8b136f14d35bc7e5801a2a544da584d01c65f5c2757f47a4c29c8c089b size: 1988
442 Job succeeded
```

Après plusieurs essais, nous avons réussi

All 15

Finished

Branches

Tags






Clear runner caches

CI lint

Run pipeline

Filter pipelines

Show Pipeline ID

Status	Pipeline	Triggerer	Stages	
<div>passed</div> <div>00:21:12</div> <div>1 minute ago</div>	<div>Update .gitlab-ci.yml file</div> <div>#15 main a85aea65</div> <div>latest</div>		<div>✓</div>	<div>Download</div>
<div>canceled</div> <div>00:00:37</div> <div>23 minutes ago</div>	<div>Update .gitlab-ci.yml file</div> <div>#14 main a85aea65</div> <div>latest</div>		<div>⌛</div>	<div>Refresh Download</div>
<div>failed</div> <div>00:03:50</div> <div>1 hour ago</div>	<div>Update .gitlab-ci.yml file</div> <div>#13 main 600f6d3d</div>		<div>✓✗</div>	<div>Refresh Download</div>
<div>canceled</div> <div>00:17:15</div> <div>1 hour ago</div>	<div>Update .gitlab-ci.yml file</div> <div>#12 main 14d4f9cb</div>		<div>⌛⌛</div>	<div>Refresh Download</div>
<div>failed</div> <div>00:18:04</div>	<div>Update .gitlab-ci.yml file</div> <div>#11 main 2d5eeb4e</div>		<div>✓✗</div>	<div>Refresh Download</div>

Dockerhub: lien : <https://hub.docker.com/r/lardilly/udagram-frontend/tags>

dockerhub

Search Docker Hub

Explore

Repositories

Organizations

Help

Upgrade

lardilly

lardilly

Search by repository name

All Content

Create repository

lardilly / udagram-reverseproxy

Contains: Image | Last pushed: 5 minutes ago

Inactive

0

1

Public

lardilly / udagram-frontend

Contains: Image | Last pushed: 5 minutes ago

Inactive

0

1

Public

lardilly / udagram-api-user

Contains: Image | Last pushed: 9 minutes ago

Inactive

0

1

Public

lardilly / udagram-api-feed

Contains: Image | Last pushed: 9 minutes ago

Inactive

0

1

Public

En spécifiant la variable d’environnement des tags à 1.0.5 nos 4 images auront ce tag. Les autres tag avait été créer avec un github actions pour le rendu d’avant

lardilly / udagram-api-feed

Description

This repository does not have a description

Last pushed: a few seconds ago

Tags

This repository contains 4 tag(s).

Tag	OS	Type	Pulled	Pushed
1.0.5		Image	---	a few seconds ago
1.0.2		Image	---	2 days ago
1.0.1		Image	---	2 days ago
1.0.0		Image	2 days ago	2 days ago

[See all](#)

[Go to Advanced Image Management](#)