

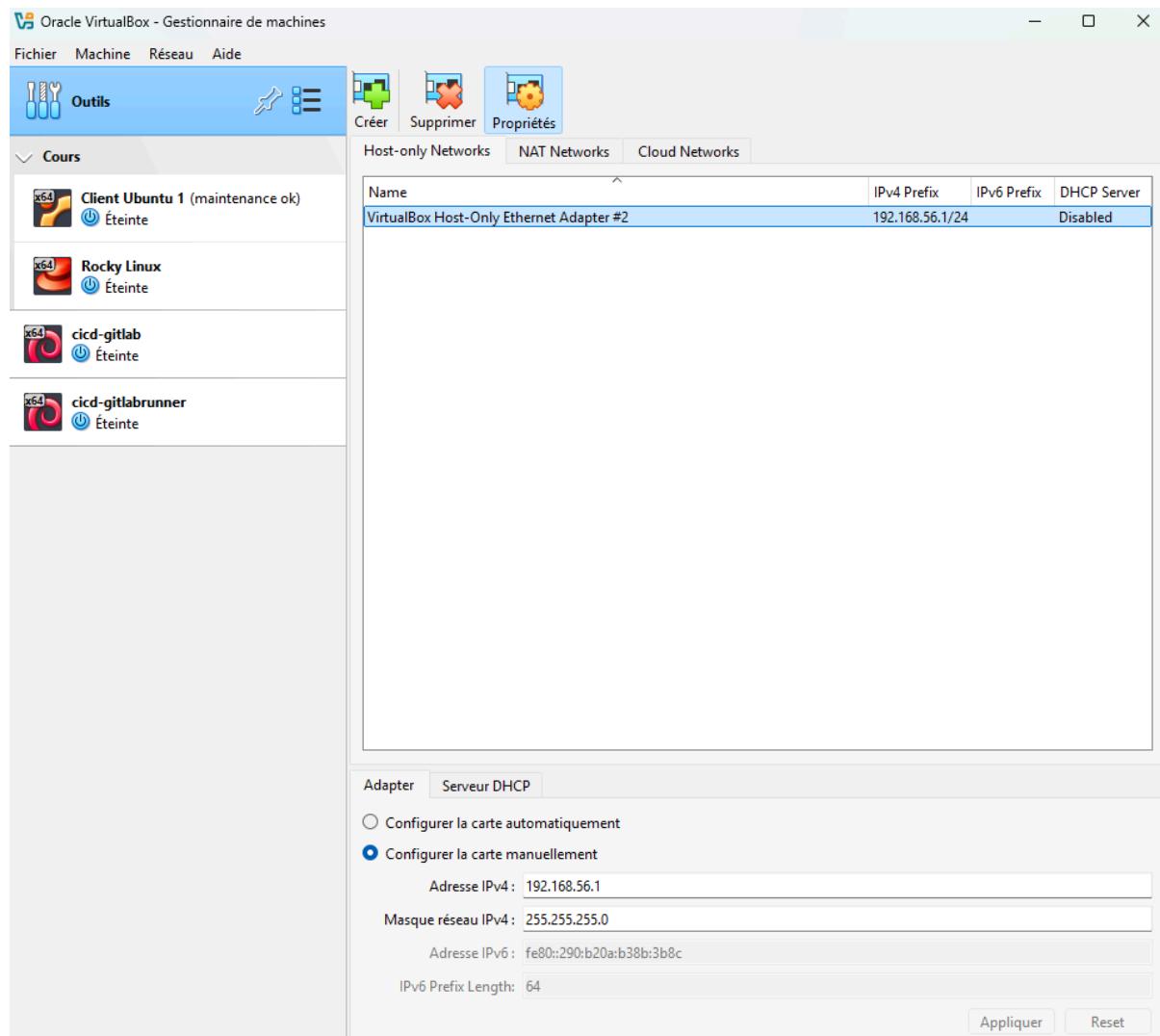
Olivier RECHER
François TOUREILLE

2A INFRES DL

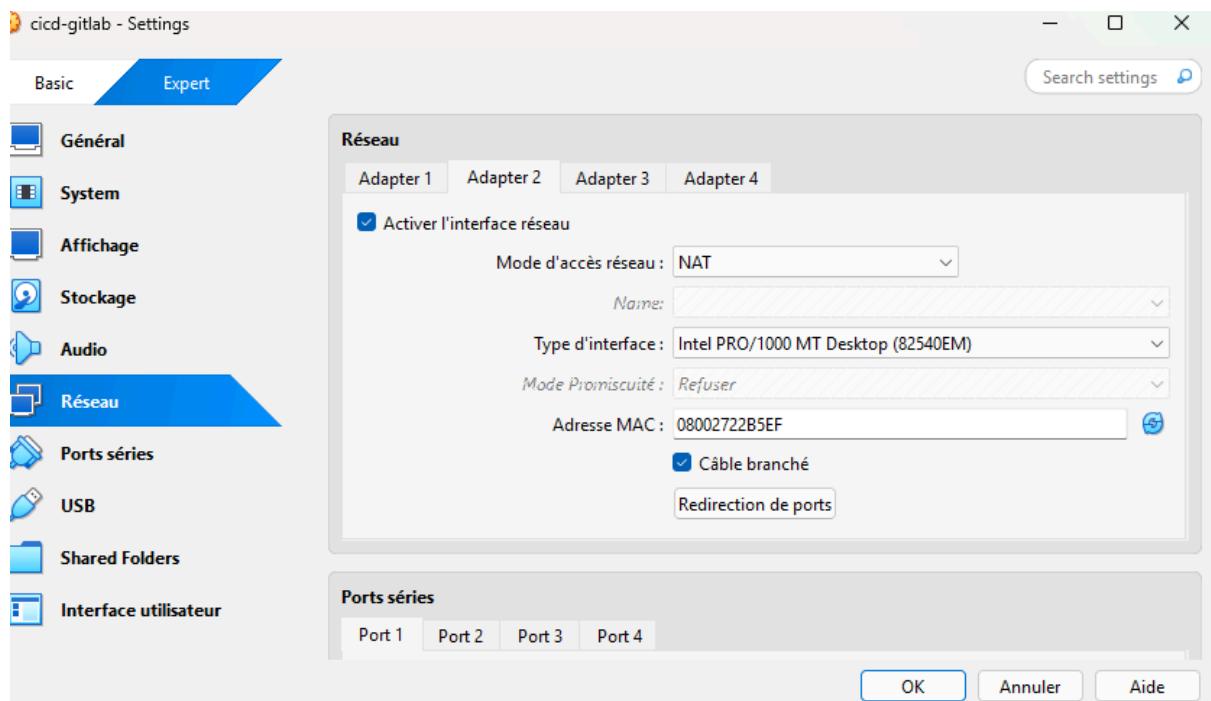
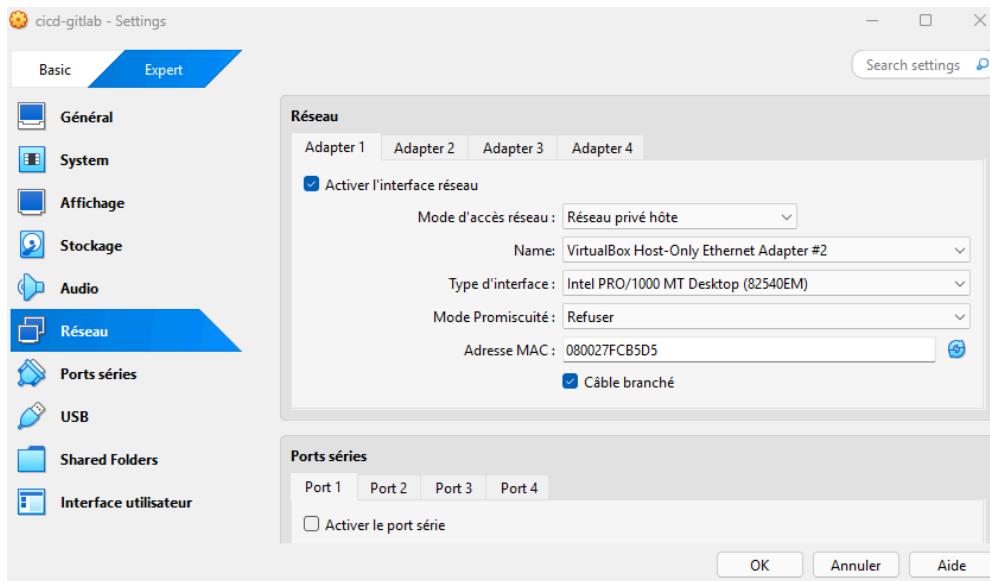
TP CI/CD

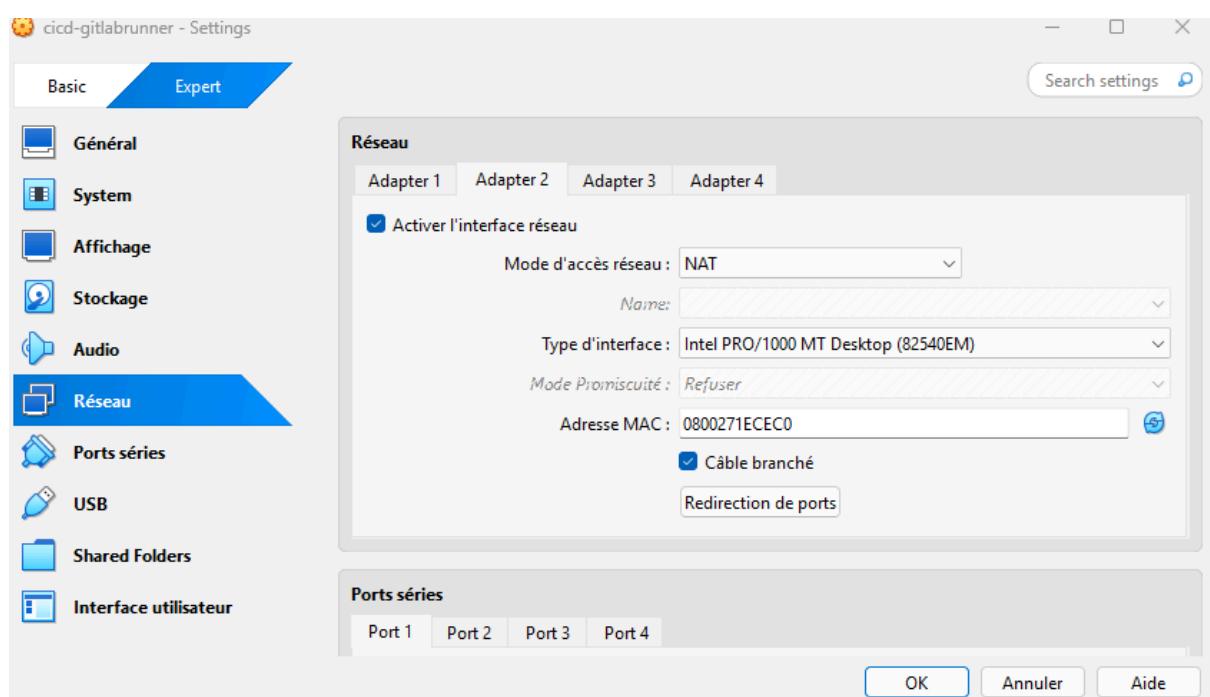
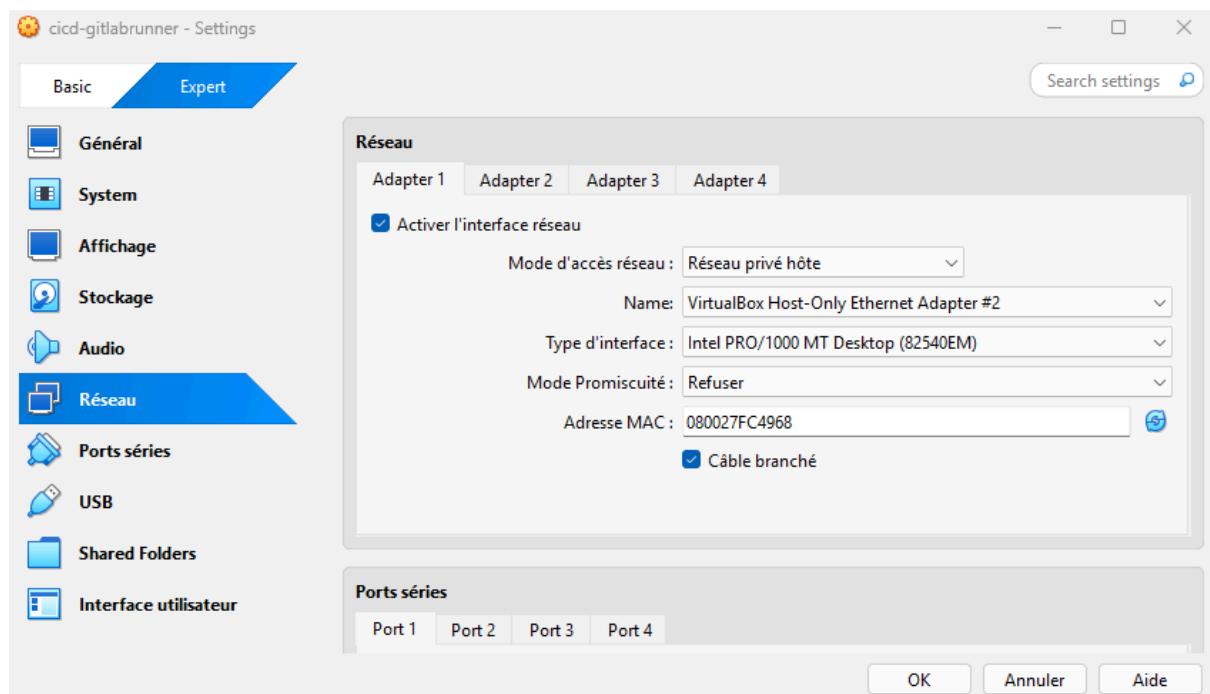
Fait le 05/01/2026

1) Configuration réseau : création du réseau privé hôte



2) Configuration de la VM cicd-gitlab puis de la VM cicd-gitlabrunner





cicd-gitlab [En fonction] - Oracle VirtualBox

Fichier Machine Écran Entrée Périphériques Aide

```
# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
allow-hotplug enp0s3
iface enp0s3 inet static
address 192.168.56.10
# This is an autoconfigured IPv6 interface
iface enp0s3 inet6 auto
allow-hotplug enp0s8
iface enp0s8 inet dhcp
```

```

GNU nano 8.4                               /etc/network/interfaces *

# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*

# The loopback network interface
auto lo
iface lo inet loopback

# The primary network interface
allow-hotplug enp0s3
iface enp0s3 inet static
address 192.168.56.20
# This is an autoconfigured IPv6 interface
iface enp0s3 inet6 auto

allow-hotplug enp0s8
iface enp0s8 inet dhcp

```

3) Modification du fichier hosts

```

debian GNU/Linux 13 cicd-gitlab tty1

cicd-gitlab login: root
password:
linux cicd-gitlab 6.12.57+deb13-amd64 #1 SMP PREEMPT_DYNAMIC Debian 6.12.57-1 (2025-11-05) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*copyright.

debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.

root@cicd-gitlab:~# ip a
: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
        inet 127.0.0.1/8 scope host lo
            valid_lft forever preferred_lft forever
        inet6 ::1/128 scope host noprefixroute
            valid_lft forever preferred_lft forever
: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:fc:b5:d5 brd ff:ff:ff:ff:ff:ff
    altname enx080027fcbb5d
        inet 192.168.56.10/24 brd 192.168.56.255 scope global enp0s3
            valid_lft forever preferred_lft forever
        inet6 fe80::0800:27ff:feb5:b5d5/64 scope link proto kernel ll
            valid_lft forever preferred_lft forever
: enp0s8: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc fq_codel state UP group default qlen 1000
    link/ether 08:00:27:22:b5:ef brd ff:ff:ff:ff:ff:ff
    altname enx08002722b5ef
        inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute enp0s8
            valid_lft 86394sec preferred_lft 75594sec
        inet6 fd00::f499:74f0:d7e5:77a6/64 scope global dynamic mngtmpaddr noprefixroute
            valid_lft 86388sec preferred_lft 14388sec
        inet6 fe80::a784:6122:7d0d:5c36/64 scope link
            valid_lft forever preferred_lft forever
root@cicd-gitlab:~# _

```

```

hosts
1 # Copyright (c) 1993-2009 Microsoft Corp.
2 #
3 # This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
4 #
5 # This file contains the mappings of IP addresses to host names. Each
6 # entry should be kept on an individual line. The IP address should
7 # be placed in the first column followed by the corresponding host name.
8 # The IP address and the host name should be separated by at least one
9 # space.
10 #
11 # Additionally, comments (such as these) may be inserted on individual
12 # lines or following the machine name denoted by a '#' symbol.
13 #
14 # For example:
15 #
16 #      102.54.94.97      rhino.acme.com      # source server
17 #      38.25.63.10      x.acme.com          # x client host
18 #
19 # localhost name resolution is handled within DNS itself.
20 #    127.0.0.1        localhost
21 #    ::1              localhost
22 127.0.0.1 kubernetes.docker.internal cl.admx.osef c2.admx.osef
23 # Added by Docker Desktop
24 159.31.76.103 host.docker.internal
25 159.31.76.103 gateway.docker.internal
26 # To allow the same kube context to work on the host and the container:
27 127.0.0.1 kubernetes.docker.internal
28 # End of section
29 192.168.56.10 gitlab.example.com

```

4) Connexion à gitlab avec root

Non sécurisé gitlab.example.com/dashboard/projects

Your work / Projects

Review data collection changes coming in GitLab 18.0

Starting with 18.0, GitLab will collect event-level product usage data from Self-Managed and Dedicated instances — while ensuring privacy, transparency, and control. GitLab administrators can turn off the data collection toggle before any data is collected in version 18.0. For more information about this change, see the documentation.

Welcome to GitLab, Administrator!

Ready to get started with GitLab? Follow these steps to get familiar with us:

- Create a project
- Add people
- Create a group
- Configure GitLab

Enregistrer le mot de passe ?

Nom d'utilisateur: root

Mot de passe:

Enregistrer Jamais

Vous pouvez utiliser les mots de passe enregistrés sur n'importe quel appareil. Ils sont enregistrés dans le Gestionnaire de mots de passe Google pour touellefrancois@gmail.com.

5) Connexion à gitlab avec cicd

The screenshot shows the GitLab homepage with a sidebar on the left containing links like Home, Projects, Groups, Issues, Merge requests, To-Do List, Milestones, Snippets, and Activity. The main area features a "Today's highlights" section with the message "Hi, cicd". Below it is a "Welcome to the new homepage" message. A modal window titled "Enregistrer le mot de passe ?" (Save password?) is open, asking for the user's name ("Nom d'utilisateur") and password ("Mot de passe"). It also includes options to "Enregistrer" (Save) or "Jamas" (Never). A note at the bottom right of the modal says: "Vous pouvez utiliser les mots de passe enregistrés sur n'importe quel appareil. Ils sont enregistrés dans le Gestionnaire de mots de passe Google pour tourellefrancois@gmail.com."

6) Création du projet TP CI CD sur gitlab

The screenshot shows the "Create blank project" form. The sidebar on the left is visible with the "Projects" link selected. The main form has a title "Create blank project" and a sub-instruction "Create a blank project to store your files, plan your work, and collaborate on code, among other things.". It includes fields for "Project name" (set to "TP CI CD"), "Project URL" (set to "http://gitlab.example.com/"), "Project slug" (set to "tp-ci-cd"), and "Visibility Level" (set to "Private"). Under "Project Configuration", there are checkboxes for "Initialize repository with a README" (checked), "Enable Static Application Security Testing (SAST)" (unchecked), and "Enable Secret Detection" (unchecked). At the bottom are "Create project" and "Cancel" buttons.

7) Mise en place de la VM Gitlab Runner

```
GNU nano 8.4
127.0.0.1      localhost
127.0.1.1      cicd-gitlabrunner

# The following lines are desirable for IPv6 capable hosts
::1      localhost ip6-localhost ip6-loopback
ff02::1  ip6-allnodes
ff02::2  ip6-allrouters

#10.0.0.132    gitlab.example.com
192.168.56.10  gitlab.example.com
```

```
GNU nano 8.4
/etc/gitlab-runner/config.toml
concurrent = 1
check_interval = 0
connection_max_age = "15m0s"
shutdown_timeout = 0

[session_server]
  session_timeout = 1800

[[runners]]
  name = "cicd-gitlabrunner"
  url = "http://gitlab.example.com"
  id = 3
  token = "glrt-qDK08zsQ4oSwT2j8IW60jW86MQp00jEKdToxCw.01.120ws1mrp"
  token_obtained_at = 2025-12-28T21:43:20Z
  token_expires_at = 2001-01-01T00:00:00Z
  executor = "docker"
  [runners.cache]
    MaxUploadedArchiveSize = 0
    [runners.cache.s3]
    [runners.cache.gcs]
    [runners.cache.azure]
  [runners.docker]
    tls_verify = false
    image = "debian:13"
    privileged = false
    disable_entrypoint_overwrite = false
    oom_kill_disable = false
    disable_cache = false
    volumes = ["/cache"]
    shm_size = 0
    network_mtu = 0
    extra_hosts = ["gitlab.example.com:192.168.56.10"]
```

```
root@cicd-gitlabrunner:~# systemctl restart gitlab-runner
root@cicd-gitlabrunner:~#
```

The screenshot shows the GitLab Admin Area interface. On the left, there's a sidebar with 'Admin area' navigation. Under 'Runners', the 'Runners' option is selected. The main content area is titled 'Runners' and displays a summary: 1 Online, 0 Offline, 0 State. Below this, a table lists one runner: #3 (qDK08zsQ) (Idle). The table includes columns for Status, Runner configuration, and Owner (Administrator). There are also edit and delete icons for the runner.

7) Premières contributions dans notre dépôt

👉 .gitlab-ci.yml

A screenshot of a GitLab code editor. At the top, there are buttons for 'Find file', 'Blame', 'Edit', and a more options menu. Below the header, a commit from 'cicd' is shown, updating the .gitlab-ci.yml file 2 hours ago. The file content is a YAML script:

```
update gitlab ci
cicd authored 2 hours ago
.gitlab-ci.yml 104 B
1 lint_html:
2   script:
3     - apt update
4     - apt install -y tidy
5     - tidy -q index.html > /dev/null
```

New file

A screenshot of a GitLab code editor showing a new file named 'index.html'. The file contains an HTML document with a single h1 tag:

```
main | index.html
1 <!DOCTYPE html>
2 <html lang="fr">
3   <head>
4     <meta charset="utf-8"
5     <title>Cours CI/CD</title>
6   </head>
7   <body>
8     <h1>Page de test !</h1>
9   </body>
10 </html>
```

lint_html

✖ Failed Started 14 seconds ago by cicd

A screenshot of a GitLab log terminal for the 'lint_html' job. It shows the log output in UTC, starting with the runner's configuration and environment setup. The log ends with the job failing.

```
Log timestamps in UTC.
1 13:08:11 Running with gitlab-runner 18.7.1 (cc7f9277)
2 13:08:11 on cicd-gitlabrunner qDK0BzsQ4, system ID: s_92de8779122e
3 13:08:11 Preparing the "docker" executor
4 13:08:11 Using default image
5 13:08:11 Using Docker executor with image debian:13 ...
6 13:08:12 Using default image
7 13:08:12 Using effective pull policy of [always] for container debian:13
8 13:08:12 Pulling docker image debian:13 ...
9 13:08:14 Using docker image sha256:ba695bc5c4147c86b9082686289ea1440d939badcd839fc7f27de4673770a87 for debian:13 with digest debian@sha256:c71b05eac0b20adb4
cdcc9f7b65227efdfda381ad10bb92f972e8eae7c6cdc9 ...
10 13:08:14 Preparing environment
11 13:08:14 Using effective pull policy of [always] for container sha256:6264e436ab45ad2215ef2bd8865842b792fa2153e615be2f1dc3277236c8abfb
12 13:08:14 Running on runner-qdk0BzsQ4-project-2-concurrent-0 via cicd-gitlabrunner...
***
```

On corrige le fichier et on reteste la pipeline

Edit file

[Write](#) [Preview changes](#)

main | [index.html](#)

```
1  <!DOCTYPE html>
2  <html lang="fr">
3      <head>
4          <meta charset="utf-8">
5          <title>Cours CI/CD</title>
6      </head>
7      <body>
8          <h1>Page de test !</h1>
9      </body>
10 </html>
```

cicd / TP CI CD / Pipelines / #15

Edit index.html

Passed Created 28 seconds ago by cicd, finished just now

For commit [34aee248](#)

In main

latest branch 1 job 16 seconds, queued for 5 seconds

[Pipeline](#) [Jobs 1](#) [Tests 0](#)

test

[lint_html](#)



En résumé, on a eu successivement ces pipelines.

Status	Pipeline	Created by	Stages	Actions
Passed ⌚ 00:00:16 ⌚ 1 minute ago	Edit index.html #15 ⚡ main ⚡ 34aee248 🌐 latest branch		✓	
Failed ⌚ 00:00:14 ⌚ 3 minutes ago	Add new file #14 ⚡ main ⚡ 1fc67fb2 🌐 branch		✗	
Passed ⌚ 00:00:14 ⌚ 8 minutes ago	update gitlab ci #13 ⚡ main ⚡ 89a7291f 🌐 branch		✓	

8) Génération de livrables

cicd / TP CI CD / Repository

The file has been successfully created.

main tp-ci-cd

tp-ci-cd

Upload New File cicd authored just now

Name Last commit Last update

.gitlab-ci.yml	update gitlab ci	2 hours ago
README.md	Initial commit	3 hours ago
index.html	add logo	1 minute ago
logo-gitlab.jpeg	Upload New File	just now
style.css	Add new file	9 minutes ago

README.md

Your changes have been committed successfully.

main tp-ci-cd .gitlab-ci.yml

.gitlab-ci.yml

Edit .gitlab-ci.yml cicd authored just now

This GitLab CI configuration is valid. Learn more

.gitlab-ci.yml 203 B

```
1 | lint_html:
2 |   script:
3 |     - apt update
4 |     - apt install -y tidy imagemagick
5 |     - tidy -q index.html > /dev/null
6 |     - convert -compress JPEG -quality 70 logo-gitlab.jpeg logo-gitlab_compressed.jpeg
```

Status	Pipeline	Created by	Stages	Actions
Passed ⌚ 00:01:10 ⌚ 3 minutes ago	Edit .gitlab-ci.yml #23 ⚡ main ↗ e6339e1b ● latest branch	●	●	
Failed ⌚ 00:02:16 ⌚ 7 minutes ago	Edit .gitlab-ci.yml #22 ⚡ main ↗ 868e854f ● branch	●	●	

Ajout de la minification et de l'artefact

Edit file

[Write](#) [Preview changes](#)

[Cancel](#) [Commit changes](#)

```
# main .gitlab-ci.yml Apply a template ▾ No wrap
1 lint_html:
2   script:
3     - apt update
4     - apt install -y tidy
5     - tidy -q index.html > /dev/null
6
7 compression_logo:
8   script:
9     - apt update
10    - apt install -y imagemagick
11    - convert -compress JPEG -quality 70 logo-gitlab.jpeg logo-gitlab_compressed.jpeg
12
13 minification_css:
14   image: node:24
15   script:
16     - npm install uglifycss -g
17     - mkdir -p output
18     - uglifycss style.css > output/style.min.css
19 artifacts:
20   when: on_success
21   expire_in: 7 days
22   paths:
23     - "output/"
24
```

Passed ⌚ 00:00:09 ⌚ 55 seconds ago	#45: minification_css ⌚ main ↗ 6fd2e2e9	#26 created by ● Stage: test	
Passed ⌚ 00:35:58 ⌚ 1 minute ago	#44: compression_logo ⌚ main ↗ 6fd2e2e9	#26 created by ● Stage: test	
Passed ⌚ 00:23:39 ⌚ 37 minutes ago	#43: lint_html ⌚ main ↗ 6fd2e2e9	#26 created by ● Stage: test	

Utilisation des stages

👉 .gitlab-ci.yml 781 B

```
1 stages:
2   - lint
3   - compression_minification
4
5 lint_html:
6   stage: lint
7   script:
8     - apt update
9     - apt install -y tidy
10    - tidy -q index.html > /dev/null
11
12 compression_logo:
13   stage: compression_minification
14   script:
15     - apt update
16     - apt install -y imagemagick
17     - mkdir -p output
18     - convert -compress JPEG -quality 70 logo-gitlab.jpeg output/logo-gitlab_compressed.jpeg
19   artifacts:
20     when: on_success
21     expire_in: 7 days
22   paths:
23     - "output/"
24
25 minification_css:
26   stage: compression_minification
27   image: node:24
28   script:
29     - npm install uglifycss -g
30     - mkdir -p output
31     - uglifycss style.css > output/style.min.css
32   artifacts:
33     when: on_success
34     expire_in: 7 days
35   paths:
36     - "output/"
```

Passed

⌚ 00:00:28
⌚ 5 minutes ago

#62: lint_html

⌚ main ⚡ e0bdd58d

#30 created by 🌐

Stage: lint

Passed

⌚ 00:00:19
⌚ 4 minutes ago

#61: minification_css

⌚ main ⚡ e0bdd58d

#30 created by 🌐

Stage: compression_minifi...

Passed

⌚ 00:01:19
⌚ 4 minutes ago

#60: compression_logo

⌚ main ⚡ e0bdd58d

#30 created by 🌐

Stage: compression_minifi...

Créer un Artifact regroupant tous les fichiers

```

stages:
  - lint
  - compression_minification
  - bundle

lint_html:
  stage: lint
  script:
    - apt update
    - apt install -y tidy
    - tidy -q index.html > /dev/null

#compression_logo:
#stage: compression_minification
#script:
#  - apt update
#  - apt install -y imagemagick
#  - mkdir -p output
#  - convert -compress JPEG -quality 70 logo-gitlab.jpeg output/logo-gitlab_compressed.jpeg
#artifacts:
#  when: on_success
#  expire_in: 7 days
#  paths:
#    - "output/"

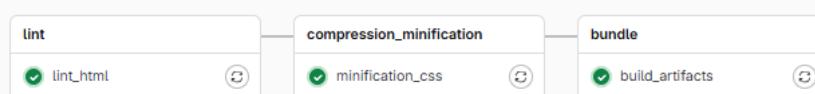
minification_css:
  stage: compression_minification
  image: node:24
  script:
    - npm install uglifycss -g
    - mkdir -p output
    - uglifycss style.css > output/style.min.css
  artifacts:
    when: on_success
    expire_in: 7 days
    paths:
      - "output/"

build_artifacts:
  stage: bundle
  script:
    - echo Building artifacts!
    - cp index.html output/
    - ""
  artifacts:
    when: on_success
    expire_in: 30 days
    paths:
      - "output/"

```

Edit .gitlab-ci.yml

Passed Created 1 minute ago by cicd, finished 15 seconds ago
For commit 8dd38c6f ⌂
In main
Latest branch ➔ 3 jobs ⌂ 1 minute 0 seconds, queued for 5 seconds
[Pipeline](#) [Jobs 3](#) [Tests 0](#)



Ajouter un job de déploiement

```
stages:
  - lint
  - compression_minification
  - bundle
  - deploy

lint_html:
  stage: lint
  script:
    - apt update
    - apt install -y tidy
    - tidy -q index.html > /dev/null

#compression_logo:
  stage: compression_minification
  script:
    # - apt update
    # - apt install -y imagemagick
    # - mkdir -p output
    # - convert -compress JPEG -quality 70 logo-gitlab.jpeg output/logo-gitlab_compressed.jpeg
  artifacts:
    when: on_success
    expire_in: 7 days
    paths:
      - "output/"

minification_css:
  stage: compression_minification
  image: node:24
  script:
    - npm install uglifycss -g
    - mkdir -p output
    - uglifycss style.css > output/style.min.css
  artifacts:
    when: on_success
    expire_in: 7 days
    paths:
      - "output/"

build_artifacts:
  stage: bundle
  script:
    - echo Building artifacts!
    - cp index.html output/
    - ""
  artifacts:
    when: on_success
    expire_in: 30 days
    paths:
      - "output/"

deploy:
  stage: deploy
  script:
    - apt update
    - apt install -y openssh-client
    - mkdir ~/.ssh && chmod 700 -R ~/.ssh
    - echo "$SSH_PRIVATE_KEY" > ~/.ssh/id_rsa && chmod 400 ~/.ssh/id_rsa
    - ssh -o StrictHostKeyChecking=accept-new root@192.168.56.38
```

Edit .gitlab-ci.yml

Passed Created 21 minutes ago by cicd, finished 20 seconds ago

For commit 5feb9601

In main

latest branch 5 jobs 1 minute 3 seconds, queued for 1 seconds

Pipeline Jobs 5 Tests 0



```
deploy:
  stage: deploy
  script:
    - apt update
    - apt install -y openssh-client
    - mkdir ~/.ssh && chmod 700 -R ~/.ssh
    - echo "$SSH_PRIVATE_KEY" > ~/.ssh/id_rsa && chmod 400 ~/.ssh/id_rsa
    - scp -o StrictHostKeyChecking=accept-new -r output/* root@192.168.56.30:/var/www/html
```

Edit .gitlab-ci.yml

Passed Created 1 minute ago by cicd, finished 18 seconds ago

For commit c631b91f

In main

latest branch 4 jobs 45 seconds, queued for 2 seconds

Pipeline Jobs 4 Tests 0



```
build_artifacts:
  stage: bundle
  script:
    - "echo Building artifacts!"
    - "cp index.html output/"
    - "cp logo-gitlab.jpeg output/"
    - ""
  artifacts:
    when: on_success
    expire_in: 30 days
    paths:
      - "output/"
```

Page de test !



Add variable

x

✓ Variable KNOWN_HOSTS has been successfully added. x

```
deploy:  
  stage: deploy  
  script:  
    - apt update  
    - apt install -y openssh-client  
    - mkdir ~/.ssh && chmod 700 -R ~/.ssh  
    - echo "$KNOWN_HOSTS" > ~/.ssh/known_hosts && chmod 400 ~/.ssh/known_hosts  
    - echo "$SSH_PRIVATE_KEY" > ~/.ssh/id_rsa && chmod 400 ~/.ssh/id_rsa  
    - scp -r output/* root@192.168.56.30:/var/www/html
```

Edit .gitlab-ci.yml

Passed Created 18 minutes ago by cicd, finished 2 minutes ago
For commit 27d51347 ⌂
In main
latest branch ↗ 7 jobs ⌂ 1 minute 10 seconds, queued for 4 seconds

Pipeline Jobs 7 Tests 0



Mise en place des différentes branches

index.html 289 B

```
1 <!DOCTYPE html>
2 <html lang="fr">
3   <head>
4     <meta charset="utf-8">
5     <title>Cours CI/CD</title>
6   </head>
7   <body>
8     <h1>Page de test !</h1>
9     
10    <p>Infos</p>
11  </body>
12 </html>
```

```

minification_css:
  stage: compression_minification
  image: node:24
  environment:
    | name: prod
  only:
    | - main
  script:
    | - npm install uglifycss -g
    | - mkdir -p output
    | - uglifycss style.css > output/style.css
  artifacts:
    when: on_success
    expire_in: 7 days
    paths:
      | - "output/"

build_artifacts:
  stage: bundle
  script:
    | - mkdir -p output
    | - "echo Building artifacts!"
    | - "cp index.html output/"
    | - "cp logo-gitlab.jpeg output/"
    | - ""
  artifacts:
    when: on_success
    expire_in: 30 days
    paths:
      | - "output/"

```

Merge branch 'cherry-pick-35bcce28' into 'dev'

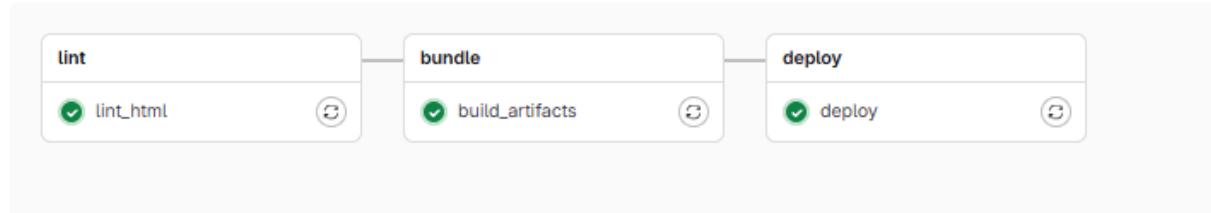
Passed Created 59 seconds ago by cicd, finished just now

For commit [efbeef4c](#)

In [dev](#)

[latest](#) [branch](#) 3 jobs 46 seconds, queued for 4 seconds

[Pipeline](#) [Jobs 3](#) [Tests 0](#)



```

deploy:
  stage: deploy
  environment:
    | name: prod
  only:
    - main
  script:
    - apt update
    - apt install -y openssh-client
    - mkdir ~/.ssh && chmod 700 ~/.ssh
    - echo "$KNOWN_HOSTS" > ~/.ssh/known_hosts && chmod 400 ~/.ssh/known_hosts
    - echo "$SSH_PRIVATE_KEY" > ~/.ssh/id_rsa && chmod 400 ~/.ssh/id_rsa
    - sed -i "s|<p>Infos</p>|<p>${CI_COMMIT_AUTHOR} - ${CI_COMMIT_SHORT_SHA}</p>|" output/index.html
    - scp -r output/* root@192.168.56.30:/var/www/html/main

deploy_dev:
  stage: deploy_dev
  environment:
    | name: dev
  only:
    - dev
  script:
    - apt update
    - apt install -y openssh-client
    - mkdir ~/.ssh && chmod 700 ~/.ssh
    - echo "$KNOWN_HOSTS" > ~/.ssh/known_hosts && chmod 400 ~/.ssh/known_hosts
    - echo "$SSH_PRIVATE_KEY" > ~/.ssh/id_rsa && chmod 400 ~/.ssh/id_rsa
    - sed -i "s|<p>Infos</p>|<p>${CI_COMMIT_AUTHOR} - ${CI_COMMIT_SHORT_SHA}</p>|" output/index.html
    - scp -r output/* root@192.168.56.30:/var/www/html/dev

```

Edit .gitlab-ci.yml

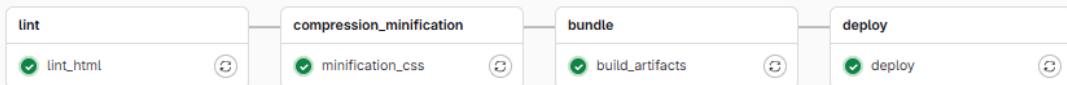
✓ Passed Created 53 seconds ago by cicd, finished right now

For commit 08731f87 [🔗](#)

In [main](#)

[latest](#) [branch](#) [↻](#) 4 jobs [⌚](#) 56 seconds, queued for 2 seconds

[Pipeline](#) [Jobs 4](#) [Tests 0](#)



Merge branch 'cherry-pick-08731f87' into 'dev'

✓ Passed Created 23 seconds ago by cicd, finished right now

For commit 6c61b1d5 [🔗](#)

In [dev](#)

[latest](#) [branch](#) [↻](#) 3 jobs [⌚](#) 48 seconds, queued for 7 seconds

[Pipeline](#) [Jobs 3](#) [Tests 0](#)



On modifie les permissions des dossiers pour avoir accès aux pages.

```
deploy:
  stage: deploy
  environment:
    name: prod
  only:
    - main
  script:
    - apt update
    - apt install -y openssh-client
    - mkdir ~/.ssh && chmod 700 -R ~/.ssh
    - echo "$KNOWN_HOSTS" > ~/.ssh/known_hosts && chmod 400 ~/.ssh/known_hosts
    - echo "$SSH_PRIVATE_KEY" > ~/.ssh/id_rsa && chmod 400 ~/.ssh/id_rsa
    - sed -i "s|<p>Infos</p>|<p>${CI_COMMIT_AUTHOR} - ${CI_COMMIT_SHORT_SHA}</p>|" output/index.html
    - scp -r output/* root@192.168.56.30:/var/www/html/main
    - ssh root@192.168.56.30 chmod 755 /var/www/html/main

deploy_dev:
  stage: deploy_dev
  environment:
    name: dev
  only:
    - dev
  script:
    - apt update
    - apt install -y openssh-client
    - mkdir ~/.ssh && chmod 700 -R ~/.ssh
    - echo "$KNOWN_HOSTS" > ~/.ssh/known_hosts && chmod 400 ~/.ssh/known_hosts
    - echo "$SSH_PRIVATE_KEY" > ~/.ssh/id_rsa && chmod 400 ~/.ssh/id_rsa
    - cp style.css output/
    - sed -i "s|<p>Infos</p>|<p>${CI_COMMIT_AUTHOR} - ${CI_COMMIT_SHORT_SHA}</p>|" output/index.html
    - scp -r output/* root@192.168.56.30:/var/www/html/dev
    - ssh root@192.168.56.30 chmod 755 /var/www/html/dev
```



⚠ Non sécurisé

192.168.56.30/main/index.html

Page de test !



cicd - b6b051a2

Page de test !



cicd - 2d14f66d

Exfiltration du .gitlab-ci.yml

cicd / Gitlab CI YML / Repository

The file has been successfully created.

main gitlab-ci-yml / .gitlab-ci.yml

🔥 .gitlab-ci.yml

General pipelines

Customize your pipeline configuration.

- Project-based pipeline visibility
Allow access to pipelines and job details, including output logs and artifacts, based on your project's visibility settings. [?](#)
- Auto-cancel redundant pipelines
Pipelines for new changes cause older pending or running pipelines on the same branch to be cancelled. [?](#)
- Prevent outdated deployment jobs
When a deployment job is successful, prevent older deployment jobs that are still pending. [?](#)
- Allow job retries for rollback deployments
Allow job retries even if the deployment job is outdated. [?](#)
- Use separate caches for protected branches
Unprotected branches will not have access to the cache from protected branches. [?](#)

CI/CD configuration file

.gitlab-ci.yml@cicd/gitlab-ci-yml

The name of the CI/CD configuration file. A path relative to the root directory is optional (for example `my/path/.myfile.yml`). [?](#)

The file has been successfully deleted.

Le CI se lance quand même :

Delete .gitlab-ci.yml

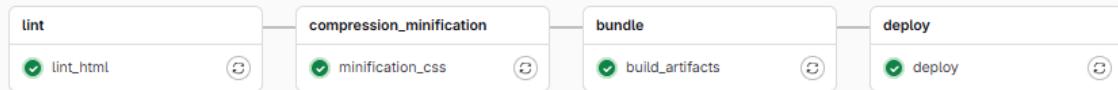
Passed Created 3 minutes ago by cicd, finished just now

For commit [7021f1e3](#)

In [main](#)

[latest](#) [branch](#) [» 4 jobs](#) [⌚ 2 minutes 7 seconds](#), queued for 5 seconds

Pipeline Jobs 4 Tests 0



Renovate Bot

main · renovatebot / .gitlab-ci.yml

.gitlab-ci.yml

Add new file cicd authored just now

This GitLab CI configuration is valid. Learn more

08d70f5e · History

.gitlab-ci.yml 116 B

```
1 | include:
2 | - remote: https://gitlab.com/renovate-bot/renovate-runner/-/raw/v25.0.0/templates/renovate.gitlab-ci.yml
```

Name	Status	Scopes	Usage	Lifetime
RenovateBot	Active	read_user, api, write_repository	Last used: Never	⌚ in 4 weeks ⌚ Jan 06, 2026

CI/CD Variables </> 2		Reveal values	Add variable
Key ↑	Value	Environments	Actions
RENOVATE_EXTRA_FLAGS	*****	All (default)	🔗 🗑
RENOVATE_TOKEN	*****	All (default)	🔗 🗑

cicd / RenovateBot / Schedules

All 1 Active Inactive

New schedule

Description	Interval	Target	Last Pipeline	Next Run	Owner
RenovateBot	17 19 * * *	⌚ main	None	in 2 hours	 Edit Delete Run

Open 1 Merged 0 Closed 0 All 1

Bulk edit New merge request ⋮

⌚ Search or filter results... Created date ↕

Configure Renovate

1 · created 3 minutes ago by cicd

updated 3 minutes ago

Show 20 items ⋮

RenovateBot 17 19 * * * Europe/Paris  13 hours ago  [Edit](#) [Delete](#) [Run](#)

Une nouvelle merge request apparait dans le dépôt Gitlab CI YML:

cicd / Gitlab CI YML / Merge requests / t2

Update debian Docker tag to v13

 cicd requested to merge [renovate/debian-13.x](#) into [main](#) 15 hours ago

Overview 0 Commits 1 Changes 1

This MR contains the following updates:

Package	Type	Update	Change
debian	image	major	12 → 13

On enlève l'attribut *environment* car il ne servait à rien.

On remplace *only* par *rules*.

```
deploy:
  stage: deploy
  rules:
    - if: $CI_COMMIT_BRANCH == "main"
  script:
    - apt update
    - apt install -y openssh-client
    - mkdir ~/.ssh && chmod 700 -R ~/.ssh
    - echo "$KNOWN_HOSTS" > ~/.ssh/known_hosts && chmod 400 ~/.ssh/known_hosts
    - echo "$SSH_PRIVATE_KEY" > ~/.ssh/id_rsa && chmod 400 ~/.ssh/id_rsa
    - sed -i "s|<p>Infos</p>|<p>${CI_COMMIT_AUTHOR} - ${CI_COMMIT_SHORT_SHA}</p>|" output/index.html
    - scp -r output/* root@192.168.56.30:/var/www/html/main
    - ssh root@192.168.56.30 chmod 755 /var/www/html/main

deploy_dev:
  stage: deploy_dev
  rules:
    - if: $CI_COMMIT_BRANCH == "dev"
  script:
    - apt update
    - apt install -y openssh-client
    - mkdir ~/.ssh && chmod 700 -R ~/.ssh
    - echo "$KNOWN_HOSTS" > ~/.ssh/known_hosts && chmod 400 ~/.ssh/known_hosts
    - echo "$SSH_PRIVATE_KEY" > ~/.ssh/id_rsa && chmod 400 ~/.ssh/id_rsa
    - cp style.css output/
    - sed -i "s|<p>Infos</p>|<p>${CI_COMMIT_AUTHOR} - ${CI_COMMIT_SHORT_SHA}</p>|" output/index.html
    - scp -r output/* root@192.168.56.30:/var/www/html/dev
    - ssh root@192.168.56.30 chmod 755 /var/www/html/dev
```

Releases

```
build_artifacts:
  stage: bundle
  script:
    - mkdir -p output
    - echo Building artifacts!
    - cp index.html output/
    - cp logo-gitlab.jpeg output/
    - echo JOB_ID=$CI_JOB_ID >> job.env
  artifacts:
    when: on_success
    expire_in: 30 days
    paths:
      - "output/"
  reports:
    dotenv: job.env
```

```

create:release:
  stage: release
  image: registry.gitlab.com/gitlab-org/release-cli:latest
  variables:
    TAG: '$CI_COMMIT_TAG'
  script:
    - echo "Create Release $TAG"
    - echo $JOB_ID
  release:
    name: 'Release $TAG'
    tag_name: '$TAG'
    ref: '$TAG'
    description: 'Release $TAG'
  assets:
    links:
      - name: "cicd.zip"
        url: "http://gitlab.example.com/cicd/tp-ci-cd/-/jobs/$JOB_ID/artifacts/download"
rules:
  - if: $CI_COMMIT_TAG

```

cicd / TP CI/CD / Tags / New tag

New tag

Do you want to create a release with the new tag? You can do that in the new release page.

Tag name
1.0.0

Create from
main

Existing branch name, tag, or commit SHA

Message

Optional, add a message to the tag. Leaving this blank creates a lightweight tag.

[Create tag](#) [Cancel](#)

Delete .gitlab-ci.yml

✓ Passed Created 39 seconds ago by cicd, finished just now

For commit [7021f1e3](#)

In [1.0.3](#)

[latest](#) [tag](#) [↻ 3 jobs](#) 28 seconds, queued for 1 seconds

[Pipeline](#) [Jobs 3](#) [Tests 0](#)



La release s'est bien créée

cicd / TP CI CD / Releases / Release 1.0.3

The screenshot shows the 'Release 1.0.3' page. Under 'Assets', there are five items: 'Source code (zip)', 'Source code (tar.gz)', 'Source code (tar.bz2)', 'Source code (tar)', and 'cicd.zip'. Under 'Evidence collection', it shows '1.0.3-evidences-4.json' collected 30 minutes ago. Under 'Release notes', it says 'Release 1.0.3'. At the bottom, it shows the commit '7021f1e3' and tag '1.0.3' were created 30 minutes ago by a user.

on veut faire la minification s'il y a un tag:

```
minification_css:
  stage: compression_minification
  image: node:24
  rules:
    - if: $CI_COMMIT_BRANCH == "main" || $CI_COMMIT_TAG
  script:
    - npm install uglifycss -g
    - mkdir -p output
    - uglifycss style.css > output/style.css
  artifacts:
    when: on_success
    expire_in: 7 days
  paths:
    - "output/"
```

Delete .gitlab-ci.yml

Passed | Created 1 minute ago by cicd, finished just now

For commit 7021f1e3

In 1.0.4

latest tag 4 jobs 1 minute 45 seconds, queued for 2 seconds

Pipeline Jobs 4 Tests 0

