



PUR BEURRE- P10

PRÉSENTÉ PAR GAËTAN

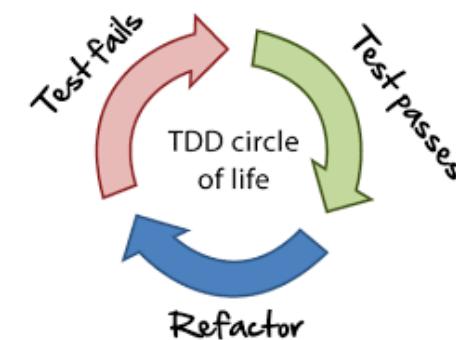
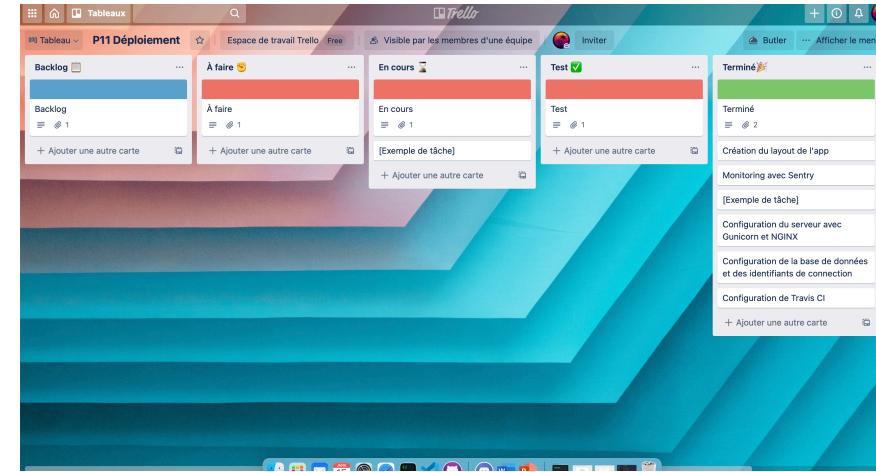
django

RE-BONJOUR DJANGO ! - MISE EN PRODUCTION



KEEP
CALM
AND
DEPLOY TO
PRODUCTION

ORGANISATION ET METHODE DE TRAVAIL



PRÉPARONS LE TERRAIN !

```
language: python
python:
  - "3.7"
  - "3.8" # Current default Python version for the project
  - "3.9"

addons:
  # Adding Chrome for functional testing
  chrome: stable

env: DJANGO_SETTINGS_MODULE="config.settings.local"

# Update PIP
before_install:
  - python -m pip install --upgrade pip

before_script:
  - install-webdrivers --path webdrivers

# Install dependencies from local requirements
install:
  - pip install -r requirements/local.txt

services:
  - postgresql

script:
  - pytest
  - python manage.py test
  - black .
  - isort .
```

base.py
local.py
production.py
test.py

base.txt
local.txt
production.txt

```
Welcome to Ubuntu 20.04.1 LTS (GNU/Linux 5.4.0-51-generic x86_64)
```

```
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage
```

```
System information as of Fri Jan 15 16:21:38 UTC 2021
```

```
System load: 0.0          Users logged in: 0
Usage of /: 11.2% of 24.06GB  IPv4 address for eth0: 46.101.63.26
Memory usage: 43%          IPv4 address for eth0: 10.16.0.5
Swap usage: 0%              IPv4 address for eth1: 10.106.0.2
Processes: 124
```

```
59 updates can be installed immediately.
```

```
9 of these updates are security updates.
```

```
To see these additional updates run: apt list --upgradable
```

```
*** System restart required ***
```

```
Last login: Wed Jan 13 16:10:29 2021 from 90.92.238.71
```

```
gaetangr@gaetangr:~$ █
```

To	Action	From
--	-----	----
OpenSSH	ALLOW	Anywhere
Nginx Full	ALLOW	Anywhere
OpenSSH (v6)	ALLOW	Anywhere (v6)
Nginx Full (v6)	ALLOW	Anywhere (v6)

DÉPLOIEMENT



```
server {  
    listen 80;  
    server_name 46.101.63.26;  
    location = /favicon.ico { access_log off; log_not_found off; }  
    location /staticfiles/ {  
        root /home/gaetangr/purbeurre;  
    }  
  
    location / {  
        include proxy_params;  
        proxy_pass http://unix:/run/gunicorn.sock;  
    }  
}
```

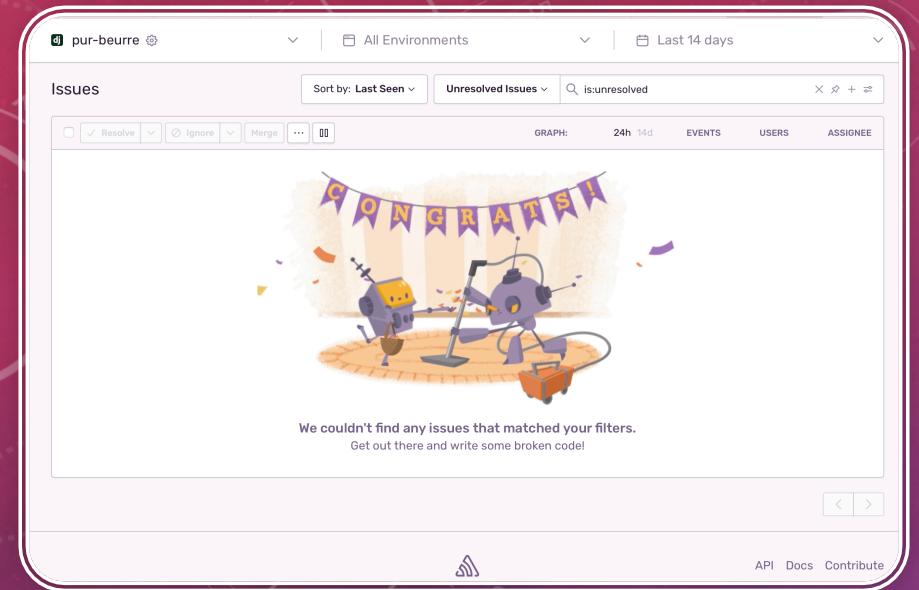
```
[program:purbeurre-gunicorn]  
command = /home/gaetangr/purbeurre/myprojectenv/bin/gunicorn config.wsgi:application  
user = gaetangr  
directory = /home/gaetangr/purbeurre  
autostart = true  
autorestart = true
```

CONFIGURATION DU SERVEUR



MISE À JOUR DE LA BASE DE DONNÉES

```
GNU nano 4.8
0 12 * * * /home/gaetangr/purbeurre/myprojectenv/bin/python /home/gaetangr/purbeurre/manage.py database_api >> /home/gaetangr/purbeurre.log 2>&1
```



A screenshot of a monitoring interface showing three alerts. Each alert has a blue icon with a red warning sign. The first alert is "CPU is running high" with the subtext "CPU is above 50% for 5 min". The second alert is "Disk Utilization is running high" with the subtext "Disk Utilization is above 30% for 5 min". The third alert is "Memory Utilization is running high" with the subtext "Memory Utilization is above 60% for 30 min". Each alert is associated with a user icon "gaetangr" and a "More" dropdown menu.

MONITORING





BONNE ANNÉE ET MERCI !

GAËTAN