

# Intensificación Técnico Organizativa

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Enlace al repositorio de GitHub:

<https://github.com/AlvaroMartinMunoz/EGC-2425/tree/main>

# Ejercicio Git

## *Apartado 1*

```
practica@pc-14-64:~$ ls
Descargas  Escritorio  Imágenes  opengnsys.log  Público  Videos
Documentos 'examen alvmarmun1' Música  Plantillas  snap
practica@pc-14-64:~/examen alvmarmun1$ git clone git@github.com:AlvaroMartinMunoz/EGC-2425.git
Clonando en 'EGC-2425'...
The authenticity of host 'github.com (140.82.121.3)' can't be established.
ED25519 key fingerprint is SHA256:+DiY3wvvV6TuJJhbpZisF/zLDA0zPMSvHdkr4UvCOqU.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'github.com' (ED25519) to the list of known hosts.
remote: Enumerating objects: 382, done.
remote: Counting objects: 100% (382/382), done.
remote: Compressing objects: 100% (243/243), done.
remote: Total 382 (delta 84), reused 382 (delta 84), pack-reused 0 (from 0)
Recibiendo objetos: 100% (382/382), 1.60 MiB | 2.04 MiB/s, listo.
Resolviendo deltas: 100% (84/84), listo.
practica@pc-14-64:~/examen alvmarmun1$
```

# Ejercicio Git

## *Apartado 2*

```
practica@pc-14-64:~/examen alvmarmuni/EGC-2425$ python3.12 -m venv venv
practica@pc-14-64:~/examen alvmarmuni/EGC-2425$ source venv/bin/activate
(venv) practica@pc-14-64:~/examen alvmarmuni/EGC-2425$ pip install -r requirements.txt
Collecting afmparser==1.0.3 (from -r requirements.txt (line 1))
  Downloading afmparser-1.0.3-py3-none-any.whl.metadata (3.1 kB)
Collecting alembic==1.13.2 (from -r requirements.txt (line 2))
  Downloading alembic-1.13.2-py3-none-any.whl.metadata (7.4 kB)
Collecting aniso8601==9.0.1 (from -r requirements.txt (line 3))
  Downloading aniso8601-9.0.1-py2.py3-none-any.whl.metadata (23 kB)
Collecting antlr4-python3-runtime==4.13.1 (from -r requirements.txt (line 4))
  Downloading antlr4_python3_runtime-4.13.1-py3-none-any.whl.metadata (304 bytes)
Collecting astutils==0.0.6 (from -r requirements.txt (line 5))
```

```
click-8.1.7 flask-3.0.3 flask-cors-5.0.0 flask-httpauth-4.1.1 flask-jinja2-3.0.0 flask-logging-0.0.1 flask-marshmallow-1.0.0 flask-migrate-4.0.1 flask-restx-3.0.0 flask-sqlalchemy-3.0.5 flask-wtf-1.2.1
greenlet-3.0.3 gunicorn-22.0.0 itsdangerous-2.1.2 jinja2-3.1.2 jsonschema-4.22.0 jsonschema-specifications-2023.12.1 marshmallow-3.21.2 marshmallow-enum-1.5.1 marshmallow-oneofschema-0.3.0
mypy-1.10.0 mypy-extensions-1.0.0 packaging-24.0 pandas-2.2.2 pandas-stubs-2.2.2.2024.06.26 parso-0.8.4 pexpect-4.9.0 pip-24.0 pip-tools-7.4.1 platformdirs-4.2.2 pluggy-1.5.0 pygments-2.18.0
pyjwt-2.8.0 pyopenssl-25.0.0 python-dateutil-2.9.0 python-dotenv-1.0.1 python-httpx-0.27.0 python-jose-3.3.0 python-ldap-3.4.4 python-levenshtein-0.25.0 python-multipart-0.0.9 python-slugify-8.0.2
python3-dotenv-1.0.1 python3-jose-3.3.0 python3-ldap-3.4.4 python3-levenshtein-0.25.0 python3-slugify-8.0.2 python3-tz-2024.1 pytz-2024.1 pyyaml-6.0.1 requests-2.32.0 requests-cache-1.2.1
requests-oauthlib-2.0.0 rfc3339-validator-0.1.4 rfc822-0.1.5 rfc895-0.1.1 rpds-py-0.20.1 sqlalchemy-2.0.35 sqlalchemy-migrate-0.17.0 sqlalchemy-utils-0.38.8 sqlmodel-0.0.20 starlette-0.37.2
tblib-3.0.0 tomli-2.0.1 tomlkit-0.12.0 typing-extensions-4.12.2 tzdata-2024.1 tzlocal-5.2 ujson-5.10.0 ultralytics-8.1.107 uvloop-0.21.0 uvlparsing-2.0.1 uvlparser-2.0.1 webdriver-manager-4.0.1
websocket-client-1.8.0 wheel-0.43.0 wsproto-1.2.0 zc.lockfile-3.0.1 zc.recipe.westminster-2.13.0 zc.recipe.zopectl-3.10.0 zope.event-5.0 zope.interface-6.4.post2 zstandard-0.22.0
(venv) practica@pc-14-64:~/examen alvmarmuni/EGC-2425$ flask run
* Debug mode: off
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on http://127.0.0.1:5000
Press CTRL+C to quit
```

# Ejercicio Git


## *Apartado 3*

```
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git checkout feature/init-bug
rama 'feature/init-bug' configurada para rastrear 'origin/feature/init-bug'.
Cambiado a nueva rama 'feature/init-bug'
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git branch
* feature/init-bug
  main
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ flask run
Traceback (most recent call last):
  File "/home/practica/examen alvmarmun1/EGC-2425/venv/bin/flask", line 10, in <module>
    sys.exit(main())
    ^^^^^^
  File "/home/practica/examen alvmarmun1/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 1105, in main
    cli.main()
  File "/home/practica/examen alvmarmun1/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 1078, in main
    rv = self.invoke(ctx)
    ^^^^^^^^^^^^^^^^^^^
  File "/home/practica/examen alvmarmun1/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 1688, in invoke
    return _process_result(sub_ctx.command.invoke(sub_ctx))
    ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/home/practica/examen alvmarmun1/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 1434, in invoke
    return ctx.invoke(self.callback, **ctx.params)
    ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/home/practica/examen alvmarmun1/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 783, in invoke
    return _callback(*args, **kwargs)
    ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/home/practica/examen alvmarmun1/EGC-2425/venv/lib/python3.12/site-packages/click/decorators.py", line 92, in new_func
    return ctx.invoke(f, obj, *args, **kwargs)
    ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/home/practica/examen alvmarmun1/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 783, in invoke
    return _callback(*args, **kwargs)
    ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/home/practica/examen alvmarmun1/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 953, in run_command
    raise e from None
  File "/home/practica/examen alvmarmun1/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 937, in run_command
    app: WSGIApplication = info.load_app()
    ^^^^^^^^^^^^^^^^^^^
  File "/home/practica/examen alvmarmun1/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 339, in load_app
    app = locate_app(import_name, None, raise_if_not_found=False)
    ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/home/practica/examen alvmarmun1/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 245, in locate_app
    __import__(module_name)
  File "/home/practica/examen alvmarmun1/EGC-2425/app/__init__.py", line 70, in <module>
    app = create_app()
    ^^^^^^^^^^^^^
NameError: name 'create_app' is not defined
```

# Ejercicio Git

## Apartado 4

No se pide  
foto pero  
la adjunto  
(por si acaso)



AlvaroMartinMunoz


opened 1 minute ago · edited by AlvaroMartinMunoz





Titulo: Bug por Create\_app



Error: Name 'create\_app' is not defined




Descripción del error: Alguien ha comentado accidentalmente la función create\_app en el archivo app/init.py y la aplicación da error al ser lanzada.

Responsable: @AlvaroMartinMunoz




  AlvaroMartinMunoz added   1 minute ago



  AlvaroMartinMunoz self-assigned this 1 minute ago

  AlvaroMartinMunoz added this to  EGC-24/25-examen 1 minute ago


Assignees

 AlvaroMartinMunoz

Labels

Projects

 EGC-24/25-examen

Status No status ▾

Milestone

No milestone

Development

Create a branch for this issue or link a pull request.

Notifications

Customize

# Ejercicio Git

## *Apartado 5*

```
practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ source venv/bin/activate
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git branch
* feature/init-bug
  main
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git branch fix/app-init
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git checkout fix/app-init
Cambiado a rama 'fix/app-init'
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git add .
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git commit -m "fix
(app): arreglo funcion create app. Close #1"
[fix/app-init b37a2ec] fix(app): arreglo funcion create app. Close #1
1 file changed, 2 insertions(+), 2 deletions(-)
```

```
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git push -u origin
fix/app-init
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 20 hilos
Comprimiendo objetos: 100% (3/3), listo.
Escribiendo objetos: 100% (4/4), 500 bytes | 500.00 KiB/s, listo.
Total 4 (delta 2), reused 2 (delta 1), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
remote:
remote: Create a pull request for 'fix/app-init' on GitHub by visiting:
remote:   https://github.com/AlvaroMartinMunoz/EGC-2425/pull/new/fix/a
pp-init
remote:
To github.com:AlvaroMartinMunoz/EGC-2425.git
 * [new branch]      fix/app-init -> fix/app-init
rama 'fix/app-init' configurada para rastrear 'origin/fix/app-init'.
```

# Ejercicio Git

*Apartado 6*

No se pide foto

# Ejercicio Git

## *Apartado 7*

```
• (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git branch
  feature/init-bug
* fix/app-init
  main
• (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git branch feature
/conflicto
• (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git checkout featu
re/conflicto
Cambiado a rama 'feature/conflicto'
```



# Ejercicio Git

## *Apartado 7*

```
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git checkout feature/conflicto
Cambiado a rama 'feature/conflicto'
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git add .
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git commit -m "feat(app): cambio en la configuración de la bd"
[feature/conflicto 7245402] feat(app): cambio en la configuración de la bd
1 file changed, 1 insertion(+), 1 deletion(-)
```

# Ejercicio Git

## *Apartado 7*

```
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git checkout fix/app-init
Cambiado a rama 'fix/app-init'
Tu rama está actualizada con 'origin/fix/app-init'.
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git add .
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git commit -m "feat(app): segundo cambio en la configuracion de la bd"
[fix/app-init 9717e96] feat(app): segundo cambio en la configuracion de la bd
1 file changed, 1 insertion(+), 1 deletion(-)
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$
```

# Ejercicio Git

## *Apartado 7*

```
Ⓢ (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git merge feature/  
conflicto  
Auto-fusionando app/__init__.py  
CONFLICTO (contenido): Conflicto de fusión en app/__init__.py  
Fusión automática falló; arregle los conflictos y luego realice un commit  
con el resultado.  
Ⓢ (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$
```

```
Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Ch-  
<<<<<< HEAD (Current Change)  
    db.init_app(app, uri=os.getenv('DATABASE_URI'))  
=====  
    db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'  
>>>>>> feature/conflicto (Incoming Change)
```

# Ejercicio Git

## *Apartado 7*

He resuelto los conflictos:

```
db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'
```

The screenshot displays a Git conflict resolution interface. At the top, it compares two versions of a file: 'Incoming' (commit 7245402, branch refs/heads/feature/conflicto) and 'Current' (commit 9717e96, branch refs/heads/fix/app-init). Both versions show a Python function `create_app` with lines 23 to 35. In the 'Incoming' version, line 31 is `db.init app(app, uri=os.getenv('DB CONNE`. In the 'Current' version, line 31 is `db.init app(app, uri=os.getenv('DATABA`. Below this comparison, the 'Result' for `app/_init_.py` is shown, indicating '1 Conflict Remaining'. The resolved code for line 31 is `db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))`, which is highlighted with a yellow box. The interface also includes a 'Manual Resolution | Reset to base' button and a sidebar on the right with a file tree.

```
Incoming 7245402 · refs/heads/feature/conflicto
23 def create_app(config_name='development'):
27     config_manager = ConfigManager(app)
28     config_manager.load_config(config_name=c
29
30     # Initialize SQLAlchemy and Migrate with
31     db.init app(app, uri=os.getenv('DB CONNE
32     migrate.init_app(app, db)
33
34     # Register modules
35     module_manager = ModuleManager(app)

Current 9717e96 · refs/heads/fix/app-init
23 def create_app(config_name='development'):
27     config_manager = ConfigManager(app)
28     config_manager.load_config(config_name=
29
30     # Initialize SQLAlchemy and Migrate wi
31     db.init app(app, uri=os.getenv('DATABA
32     migrate.init_app(app, db)
33
34     # Register modules
35     module_manager = ModuleManager(app)

Result app/_init_.py 1 Conflict Remaining
23 def create_app(config_name='development'):
27     config_manager = ConfigManager(app)
28     config_manager.load_config(config_name=config_name)
29
30     # Initialize SQLAlchemy and Migrate with the app
31     db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
32
33
34     migrate.init_app(app, db)
35
```

# Ejercicio Git

## *Apartado 7*

```
• (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git push origin  
fix/app-init  
Enumerando objetos: 15, listo.  
Contando objetos: 100% (15/15), listo.  
Compresión delta usando hasta 20 hilos  
Comprimiendo objetos: 100% (12/12), listo.  
Escribiendo objetos: 100% (12/12), 1.33 KiB | 681.00 KiB/s, listo.  
Total 12 (delta 7), reused 0 (delta 0), pack-reused 0 (from 0)  
remote: Resolving deltas: 100% (7/7), completed with 2 local objects.  
To github.com:AlvaroMartinMunoz/EGC-2425.git  
    b37a2ec..4f7d9f1  fix/app-init -> fix/app-init  
• (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$
```

# Ejercicio Git

## *Apartado 8*

- (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425\$ git log --oneline  
678e7dc (HEAD -> hotfix/bug-critical, origin/hotfix/bug-critical) Fix the  
bug in the view\_dataset card by uncommenting the card section, restoring  
the dataset view functionality  
7260a34 (origin/main, origin/HEAD, main) Introduce a bug in the view\_data  
set card for the exam by commenting out the card section to simulate an e  
rror  
546eea4 Initialise base project
- (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425\$ █

# Ejercicio Git

*Apartado 9*

```
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git cherry-pick 678e7dc
[main 49a5a09] Fix the bug in the view_dataset card by uncommenting the card section, restoring the dataset view functionality
Author: Belen Ramos <brgutierrez@us.es>
Date: Wed Jan 8 09:29:03 2025 +0100
2 files changed, 3 insertions(+), 2 deletions(-)
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git cherry-pick --
```

# Ejercicio GitHub Actions

## *Apartado 1*

```
• (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git checkout config/ci
Cambiado a rama 'config/ci'
Tu rama está actualizada con 'origin/config/ci'.
○ (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$
```

```
__init__.py  __init__.py (Index)  ! ejercicio_ci.yml M X  🔍 📄 ...
.github > workflows > ! ejercicio_ci.yml
7 jobs:
8   pytest:
11     services:
12       mysql:
14         env:
15           MYSQL_ROOT_PASSWORD: uvlhub_root_password
16           MYSQL_DATABASE: uvlhubdb_test
17           MYSQL_USER: uvlhub_user
18           MYSQL_PASSWORD: uvlhub_password
19         ports:
20           - 3306:3306
21         options: --health-cmd="mysqladmin ping" --health
22
23     steps:
24       - uses: actions/checkout@v4
25
26       - uses: actions/setup-python@v5
27         with:
28           python-version: '3.11'
29
```



# Ejercicio GitHub Actions

## *Apartado 2*

```
outdated_dependencies:
  runs-on: ubuntu-latest
  steps:
    - uses: actions/checkout@v4

    - uses: actions/setup-python@v5
      with:
        python-version: '3.12'

    - name: Install dependencies
      run: |
        python -m pip install --upgrade pip
        pip install -r requirements.txt
```

```
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git add .
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git commit -m "feat(workflow): actualización de dependencias"
[config/ci 62d7c91] feat(workflow): actualización de dependencias
1 file changed, 18 insertions(+), 7 deletions(-)
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git push origin
Enumerando objetos: 9, listo.
Contando objetos: 100% (9/9), listo.
Compresión delta usando hasta 20 hilos
Comprimiendo objetos: 100% (3/3), listo.
Escribiendo objetos: 100% (5/5), 504 bytes | 504.00 KiB/s, listo.
Total 5 (delta 2), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (2/2), completed with 2 local objects.
To github.com:AlvaroMartinMunoz/EGC-2425.git
   44fe92f..62d7c91  config/ci -> config/ci
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$
```

# Ejercicio GitHub Actions

## *Apartado 3*

```
- ... (previous) ...
6
7 jobs:
8   pytest:
9     runs-on: ubuntu-latest
10
11     strategy:
```

✖ Check failure on line 11 in .github/workflows/ejercicio\_ci.yml



**GitHub Actions** / .github/workflows/ejercicio\_ci.yml

### Invalid workflow file

You have an error in your yaml syntax on line 11

```
12     matrix:
13       mysql-version: [5.7, 8.0]
14
```

# Ejercicio GitHub Actions

## *Apartado 4*

```
jobs:
  pytest:
    runs-on: ubuntu-latest

    strategy:
      matrix:
        mysql-version: ['5.7', '8.0']

    services:
      mysql:
        image: mysql:${{matrix.mysql-version}}
        env:
```

# Ejercicio GitHub Actions

## *Apartado 5*

```
on:
  push:
    branches: [config/ci]

jobs:
  pytest:
    runs-on: ubuntu-latest

    strategy:
      matrix:
        mysql-version: [5.7, 8.0]

    services:
      mysql:
        image: mysql:${{matrix.mysql-version}}
        env:
          MYSQL_ROOT_PASSWORD: uv1hub_root_password
          MYSQL_DATABASE: uv1hubdb_test
          MYSQL_USER: uv1hub_user
          MYSQL_PASSWORD: uv1hub_password
        ports:
          - 3306:3306
        options: --health-cmd="mysqladmin ping" --health-interval=10s --health-timeout=5s --health-ret
```

# Ejercicio Docker

## Apartado 1

```
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git checkout chore  
/docker  
Cambiado a rama 'chore/docker'
```

```
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425/vagrant$ cd ..  
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ cp .env.docker.example .env
```

```
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ docker compose -f  
docker/docker-compose.dev.yml up -d  
[+] Running 9/9  
! web Warning      manifest for drorganvid...      4.2s  
✓ nginx Pulled      8.5s  
✓ fd674058ff8f Pull complete      1.8s  
✓ 566e42bce1c Pull complete      2.4s  
✓ 2b99b9c5d9e5 Pull complete      2.4s  
✓ bd98674871f5 Pull complete      2.4s  
✓ 1e109dd2a0d7 Pull complete      2.4s  
✓ da8cc133ff82 Pull complete      2.4s  
✓ c44f27309ea1 Pull complete      2.4s  
[+] Running 0/0  
[+] Running 0/1Building      0.1s  
[+] Building 8.2s (5/5)      docker:default  
[+] Running 1/2.4s (12/26)      docker:default  
[+] Building 21.5s (12/26)      docker:default  
=> [web internal] load build definition from Dockerfile.dev      0.0s  
[+] Building 37.0s (13/26)      docker:default  
=> => transferring dockerfile: 2.15kB      0.0s  
=> [web internal] load metadata for docker.io/library/python:3.12      1.1s  
=> [web internal] load .dockerignore      0.0s  
=> => transferring context: 2B      0.0s  
=> [web internal] load build context      0.0s  
=> => transferring context: 82.46kB      0.0s  
=> [web 1/15] FROM docker.io/library/python:3.12-slim@sha256:10f      0.8s
```

```
=> => extracting sha256:ad5b6a1962fdac425252ec07daae642d785bd6d9c      0.1s  
=> => extracting sha256:de2a998baeb3b693572201ce82da66e97b26f2fea      0.2s  
=> => extracting sha256:184aff3eb8fbdeb25b5697c83adcfadb6deef75d7      0.0s  
=> [web 2/15] RUN apt-get update && apt-get install -y --no      25.9s  
=> [web 3/15] RUN apt-get install -y --no-install-recommends ca-      5.0s  
=> [web 4/15] RUN apt-get clean && rm -rf /var/lib/apt/lists      0.2s  
=> [web 5/15] WORKDIR /app      0.0s  
=> [web 6/15] COPY requirements.txt .      0.0s  
=> [web 7/15] RUN find . -type d -name " _pycache " -exec rm -r      0.2s  
=> [web 8/15] COPY --chmod=0755 scripts/wait-for-db.sh ./scripts      0.0s  
=> [web 9/15] COPY --chmod=0755 scripts/init-testing-db.sh ./scr      0.0s  
=> [web 10/15] COPY rosemary/ ./rosemary      0.0s  
=> [web 11/15] COPY setup.py ./      0.0s  
=> [web 12/15] COPY docker/ ./docker      0.0s  
=> [web 13/15] RUN pip install --no-cache-dir --upgrade pip      1.2s  
=> [web 14/15] RUN pip install -r requirements.txt      22.7s  
=> [web 15/15] RUN pip install -e ./      0.8s  
=> [web] exporting to image      0.8s  
=> => exporting layers      0.8s  
[+] Running 6/5Image sha256:408353cbe63dedd7b2905ad129cc95ff76dd13      0.0s  
✓ Service db      Built      8.4s  
✓ Service web      Built      59.2s  
✓ Network docker_uvlhub_network      Created      0.2s  
✓ Volume "docker_db_data"      Created      0.0s  
** Container mariadb_container      Starting      0.1s  
✓ Container web_app_container      Created      0.0s  
✓ Container nginx_web_server_container      Created      0.0s
```

# Ejercicio Docker

## *Apartado 2*

```
1 services:
2   web:
3     env_file:
4       - .env
5     expose:
6       - "5000"
7     depends_on:
8       - db
9     build:
10      context: ../
11      dockerfile: docker/images/Dockerfile.dev
12     volumes:
13       - ../:/app
14       - /var/run/docker.sock:/var/run/docker.sock
15     command: [ "sh", "-c", "sh /app/docker/entrypoints/d
16     networks:
17       - uvlhub_network
18     environment:
19       - FLASK_DEBUG = False
```

# Ejercicio Docker

## *Apartado 3*

```
main
• (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git add .
• (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git commit -m "feat(docker): debug en false"
[chore/docker a9083bf] feat(docker): debug en false
1 file changed, 2 insertions(+)
• (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git push origin
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 20 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 437 bytes | 437.00 KiB/s, listo.
Total 4 (delta 3), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (3/3), completed with 3 local objects.
To github.com:AlvaroMartinMunoz/EGC-2425.git
d46ce49..a9083bf chore/docker -> chore/docker
○ (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$
```

# Ejercicio Vagrant

## *Apartado 1*

```
• (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ git checkout chore  
/vagrant  
M      .gitignore  
Cambiado a rama 'chore/vagrant'  
Tu rama está actualizada con 'origin/chore/vagrant'.  
○ (venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$
```

```
vagrant > Vagrantfile  
35 Vagrant.configure("2") do |config|  
36   config.vm.provision "ansible" do |ansible|  
63   end  
64  
65   # Load environment variables on vagrant ssh  
66   config.vm.provision "shell", inline: <<-SHELL  
67     ENV_FILE="/vagrant/.env"  
68     if [ -f $ENV_FILE ]; then  
69       export $(cat $ENV_FILE | xargs)  
70       while IFS= read -r line; do  
71         echo "export $line" >> /etc/profile.d/vagrant_en  
72         done < $ENV_FILE  
73     else  
74       echo "Env file not found: $ENV_FILE"  
75       exit 1  
76     fi  
77   SHELL  
78  
79   config.vm.provision "shell", run: "always", inline: <<  
80     echo 'source /etc/profile.d/vagrant_env.sh' >> /home  
81   SHELL  
82  
83   # Provider configuration  
84   config.vm.provider "virtualbox" do |vb|  
85     vb.memory = "4096"  
86     vb.cpus = 6  
87   end  
88 end
```



# Ejercicio Vagrant

## Apartado 2

```
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ rm -r uploads
rm -r rosemary.egg-info
rm app.log*
rm: no se puede borrar 'uploads': No existe el archivo o el directorio
rm: no se puede borrar 'rosemary.egg-info': No existe el archivo o el directorio
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ cp .env.vagrant.example .env
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425$ cd vagrant
(venv) practica@pc-14-64:~/examen alvmarmun1/EGC-2425/vagrant$ vagrant up
```

```
Loading .env file from: /home/practica/examen alvmarmun1/EGC-2425/.env
FLASK_APP_NAME: "UVLHUB.IO(dev)"
FLASK_ENV: development
DOMAIN: localhost:5000
MARIADB_HOSTNAME: localhost
MARIADB_PORT: 3306
MARIADB_DATABASE: uvlhubdb
MARIADB_TEST_DATABASE: uvlhubdb_test
MARIADB_USER: uvlhubdb user
MARIADB_PASSWORD: uvlhubdb password
MARIADB_ROOT_PASSWORD: uvlhubdb_root_password
WORKING_DIR: /vagrant/
Bringing machine 'default' up with 'virtualbox' provider...
==> default: Box 'ubuntu/jammy64' could not be found. Attempting to find and install...
    default: Box Provider: virtualbox
    default: Box Version: >= 0
==> default: Loading metadata for box 'ubuntu/jammy64'
    default: URL: https://vagrantcloud.com/api/v2/vagrant/ubuntu/jammy64
==> default: Adding box 'ubuntu/jammy64' (v20241002.0.0) for provider: virtualbox
    default: Downloading: https://vagrantcloud.com/ubuntu/boxes/jammy64/versions/20241002.0.0/providers/virtualbox/unknown/vagrant.box
```

```
default: URL: https://vagrantcloud.com/api/v2/vagrant/ubuntu/jammy64
==> default: Adding box 'ubuntu/jammy64' (v20241002.0.0) for provider: virtualbox
    default: Downloading: https://vagrantcloud.com/ubuntu/boxes/jammy64/versions/20241002.0.0/providers/virtualbox/unknown/vagrant.box
The box failed to unpack properly. Please verify that the box file you're trying to add is not corrupted and that enough disk space is available and then try again.
The output from attempting to unpack (if any):

bsdtar: Error opening archive: Unrecognized archive format
```