

Intensificación Técnico Organizativa

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Enlace al repositorio de GitHub:

<https://github.com/benjimrfl/EGC-2425-benmauflo>

Ejercicio Git

Apartado 1

```
● practica@pc-14-76:~$ git clone git@github.com:benjimrfl/EGC-2425-benmauflo.git
Clonando en 'EGC-2425-benmauflo'...
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 | 2.19 MiB/s, listo.
Resolviendo deltas: 100% (84/84), listo.
```

Ejercicio Git

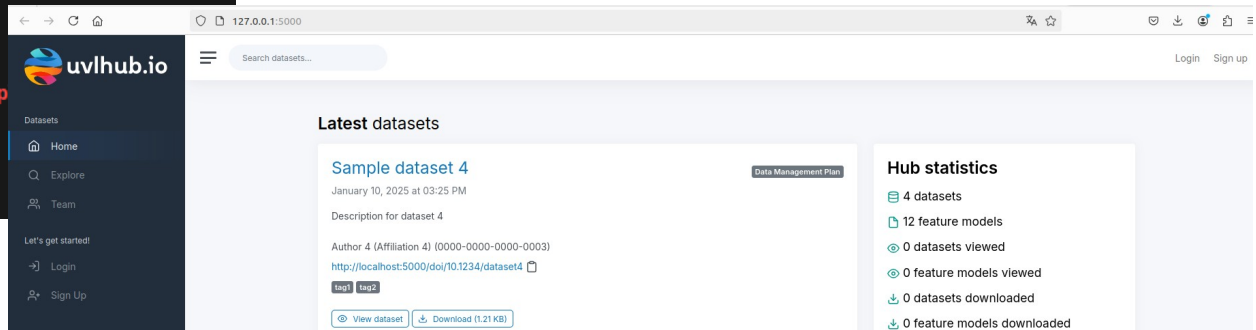
Apartado 2

```
practica@pc-14-76:~/EGC-2425-benmauflo$ ls
app core docker migrations README.md requirements.txt rosemary scripts setup.py vagrant
practica@pc-14-76:~/EGC-2425-benmauflo$ python3.12 -m venv venv
practica@pc-14-76:~/EGC-2425-benmauflo$ source venv/bin/activate
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ pip install --upgrade pip
Requirement already satisfied: pip in ./venv/lib/python3.12/site-packages (24.3.1)
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ 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)
```

```
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ flask db upgrade
INFO [alembic.runtime.migration] Context impl MySQLImpl.
INFO [alembic.runtime.migration] Will assume non-transactional DDL.
INFO [alembic.runtime.migration] Running upgrade -> 001, first migration
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ rosemary db:seed
Seeding data for all modules...
AuthSeeder performed.
DataSetSeeder performed.
FeatureModelSeeder performed.
FlamapySeeder performed.
WebhookSeeder performed.
HubfileSeeder performed.
Database populated with test data.
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ flask run --host=0.0.0.0
* Debug mode: on
WARNING: This is a development server. Do not use it in a production dep
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://10.1.14.76:5000
Press CTRL+C to quit
* Restarting with stat
```

```
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ pip install -e ./
Obtaining file:///home/practica/EGC-2425-benmauflo
  Preparing metadata (setup.py) ... done
Requirement already satisfied: click in ./venv/lib/python3.12/site-packages (24.3.1)
Requirement already satisfied: python-dotenv in ./venv/lib/python3.12/site-packages (1.0.1)
Installing collected packages: rosemary
  DEPRECATION: Legacy editable install of rosemary==0.1.0 from file:///home/practica/EGC-2425-benmauflo
  is deprecated. pip 24.3 will enforce more behaviour; the underlying problem with this behavior has been
  fixed in a recent version of setuptools. The fix will be included in setuptools 64.0.0. Discussion can be
  found at https://github.com/pypa/pip/issues/9018
  Running setup.py develop for rosemary
Successfully installed rosemary-0.1.0
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ rosemary
Usage: rosemary [OPTIONS] COMMAND [ARGS]...
```

A CLI tool to help with project development.



The screenshot shows the uvlhub.io website. The header has a search bar and navigation links. The main content area displays 'Sample dataset 4' with its description, author information, and a 'Data Management Plan' button. A sidebar on the right shows 'Hub statistics' including the number of datasets, feature models, and downloads.

Ejercicio Git

Apartado 3

```
• (venv) practica@pc-14-76:~/EGC-2425-benmauflo$ 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-14-76:~/EGC-2425-benmauflo$ flask run --host=0.0.0.0 --reload --debug
Traceback (most recent call last):
  File "/home/practica/EGC-2425-benmauflo/venv/bin/flask", line 8, in <module>
    sys.exit(main())
             ^^^^^^
  File "/home/practica/EGC-2425-benmauflo/venv/lib/python3.12/site-packages/flask/cli.py", line
    cli.main()
```

```
File "/home/practica/EGC-2425-benmauflo/venv/lib/python3.12/site-packages/flask/cli.py", line
  app = locate_app(import_name, None, raise_if_not_found=False)
  ~~~~~
```

```
File "/home/practica/EGC-2425-benmauflo/venv/lib/python3.12/site-packages/flask/cli.py", line
  __import__(module_name)
```

```
File "/home/practica/EGC-2425-benmauflo/app/__init__.py", line 70, in <module>
  app = create_app()
        ~~~~~
```

```
NameError: name 'create_app' is not defined
```

Ejercicio Git

Apartado 4

Ejercicio Git

Apartado 5

```
• (venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git branch fix/app-init
• (venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git checkout fix/app-init
Cambiado a rama 'fix/app-init'
• (venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git add .
• (venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git commit -m "fix: Solucionado el error del despliegue en local Closes #1"
[fix/app-init 0d4c9f4] fix: Solucionado el error del despliegue en local Closes #1
1 file changed, 2 insertions(+), 2 deletions(-)
```

```
• (venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git push -u origin fix/app-init
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 8 hilos
Comprimiendo objetos: 100% (3/3), listo.
Escribiendo objetos: 100% (4/4), 512 bytes | 512.00 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/benjimrfl/EGC-2425-benmauflo/pull/new/fix/app-init
remote:
To github.com:benjimrfl/EGC-2425-benmauflo.git
 * [new branch]      fix/app-init -> fix/app-init
rama 'fix/app-init' configurada para rastrear 'origin/fix/app-init'.
```

Ejercicio Git

Apartado 6

Ejercicio Git

Apartado 7

```
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git checkout -b feature/conflicto
Cambiado a nueva rama 'feature/conflicto'
```

```
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git add .
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git commit -m "conflicto en feature/conflicto"
[feature/conflicto alf6aa4] conflicto en feature/conflicto
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git checkout fix/app-init
Cambiado a rama 'fix/app-init'
Tu rama está actualizada con 'origin/fix/app-init'.
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git add .
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git commit -m "conflicto en fix/app-init"
[fix/app-init ed7f7a1] conflicto en fix/app-init
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ 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-14-76:~/EGC-2425-benmauflo$ git add .
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git commit -m "conflicto resuelto"
[fix/app-init 1b375cc] conflicto resuelto
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git merge feature/conflicto
Ya está actualizado.
```

```
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git push
Enumerando objetos: 15, listo.
Contando objetos: 100% (15/15), listo.
Compresión delta usando hasta 8 hilos
Comprimiendo objetos: 100% (12/12), listo.
Escribiendo objetos: 100% (12/12), 1.29 KiB | 1.29 MiB/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:benjimrfl/EGC-2425-benmauflo.git
0d4c9f4..1b375cc fix/app-init -> fix/app-init
```


Ejercicio Git

Apartado 8

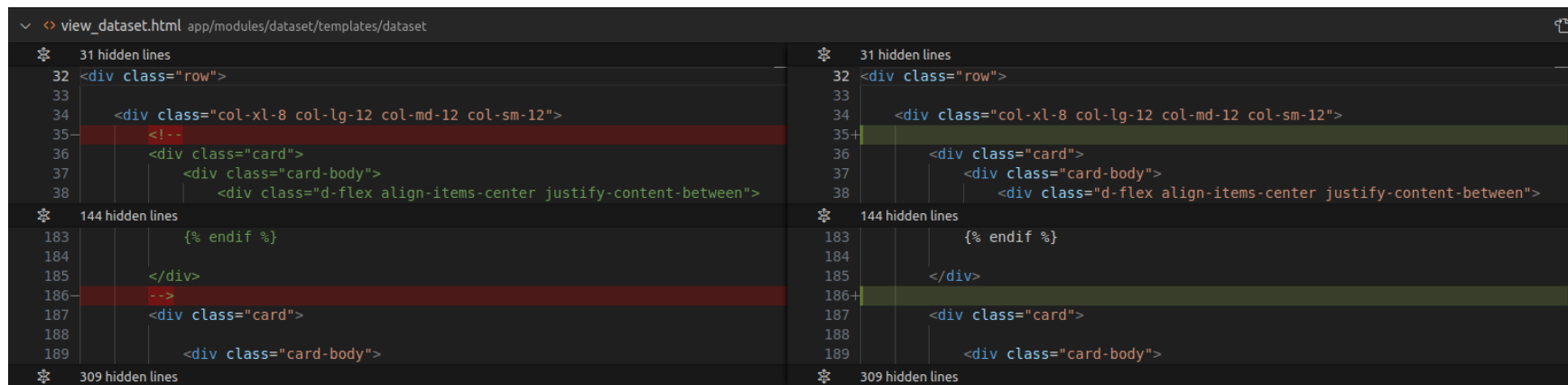
```
• (venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git checkout hotfix/bug-critical
rama 'hotfix/bug-critical' configurada para rastrear 'origin/hotfix/bug-critical'.
Cambiado a nueva rama 'hotfix/bug-critical'
○ (venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git log
commit 678e7dc6853fb1e1b1b64c5116e6b44e4a5054ab (HEAD -> hotfix/bug-critical, origin/hotfix/bug-critical)
Author: Belen Ramos <brgutierrez@us.es>
Date: Wed Jan 8 09:29:03 2025 +0100
```

Fix the bug in the view_dataset card by uncommenting the card section, restoring the dataset view functionality

Ejercicio Git

Apartado 9

```
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git checkout main
Cambiado a rama 'main'
Tu rama está actualizada con 'origin/main'.
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git cherry-pick 678e7dc6853fb1e1b1b64c5116e6b44e4a5054ab
[main 980d88d] 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-14-76:~/EGC-2425-benmauflo$ git push
Enumerando objetos: 17, listo.
Contando objetos: 100% (17/17), listo.
Compresión delta usando hasta 8 hilos
Comprimiendo objetos: 100% (6/6), listo.
Escribiendo objetos: 100% (9/9), 745 bytes | 745.00 KiB/s, listo.
Total 9 (delta 6), reused 3 (delta 1), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (6/6), completed with 6 local objects.
To github.com:benjimrfl/EGC-2425-benmauflo.git
7260a34..980d88d main -> main
```



```
view_dataset.html app/modules/dataset/templates/dataset
31 hidden lines
32 <div class="row">
33
34     <div class="col-xl-8 col-lg-12 col-md-12 col-sm-12">
35         <!--
36         <div class="card">
37             <div class="card-body">
38                 <div class="d-flex align-items-center justify-content-between">
144 hidden lines
183         {% endif %}
184
185     </div>
186     -->
187     <div class="card">
188
189         <div class="card-body">
309 hidden lines
31 hidden lines
32 <div class="row">
33
34     <div class="col-xl-8 col-lg-12 col-md-12 col-sm-12">
35+
36         <div class="card">
37             <div class="card-body">
38                 <div class="d-flex align-items-center justify-content-between">
144 hidden lines
183         {% endif %}
184
185     </div>
186+
187     <div class="card">
188
189         <div class="card-body">
309 hidden lines
```

Ejercicio GitHub Actions

Apartado 1

```
• (venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git checkout config/ci  
rama 'config/ci' configurada para rastrear 'origin/config/ci'.  
Cambiado a nueva rama 'config/ci'
```

```
- uses: actions/setup-python@v5  
  with:  
    python-version: '3.11'
```

Ejercicio GitHub Actions

Apartado 2

```
outdated_dependencies:  
  runs-on: ubuntu-latest  
  
  steps:  
    - name: Checkout code  
      uses: actions/checkout@v4  
  
    - name: Check for outdated dependencies  
      run: |  
        pip list --outdated
```

Ejercicio GitHub Actions

Apartado 3

```
• (venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git add .
• (venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git commit -m "añadido nuevo job en el workflow"
[config/ci 82204cf] añadido nuevo job en el workflow
1 file changed, 13 insertions(+), 2 deletions(-)
• (venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git push
```

ejercicio_ci.yml

on: push

✔ pytest	57s
✔ outdated_dependencies	5s



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 }}
```

Ejercicio GitHub Actions

Apartado 5

ejercicio_ci.yml

on: push

✔ outdated_dependencies 7s

Matrix: pytest

✔ pytest (5.7) 55s

✔ pytest (8.0) 57s

Ejercicio Docker

Apartado 1


```
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git checkout chore/docker
rama 'chore/docker' configurada para rastrear 'origin/chore/docker'.
Cambiado a nueva rama 'chore/docker'

(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ sudo lsof -i :3306
[sudo] contraseña para practica:
COMMAND  PID  USER  FD  TYPE DEVICE SIZE/OFF NODE NAME
mariadb 1081 mysql  28u  IPv4 11468      0t0  TCP localhost:mysql (LISTEN)

(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ sudo kill 1081

(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ cp .env.docker.example .env
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ docker compose -f docker/docker-compose.dev.yml up -d
```

```
[+] Running 7/7: image sha256:98e32bd6d722141348ee9914b6548c1e5c257a4a4e90daabf4772b0eb6acc154
✔ Service db Built
✔ Service web Built
✔ Network docker_uvlhub_network Created
✔ Volume "docker_db_data" Created
✔ Container mariadb_container Started
✔ Container web_app_container Started
✔ Container nginx_web_server_container Started
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ docker ps
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS                               NAMES
4875d85ccb2e   nginx:latest    "/docker-entrypoint..." 40 seconds ago Up 39 seconds 0.0.0.0:80->80/tcp, :::80->80/tcp   nginx_web_server_container
9fa334f9e969   drorganvitez/uvlhub:dev "sh -c 'sh /app/dock..." 40 seconds ago Up 39 seconds 5000/tcp                               web_app_container
0a7085141167   docker-db       "docker-entrypoint.s..." 40 seconds ago Up 40 seconds 0.0.0.0:3306->3306/tcp, :::3306->3306/tcp mariadb_container
```

 uvlhub.io

Search datasets...

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Latest datasets

Sample dataset 4

January 10, 2025 at 04:43 PM

Data Management Plan

Hub statistics

4 datasets

Ejercicio Docker

Apartado 2

```
$ development_entrypoint.sh x
docker > entrypoints > $ development_entrypoint.sh
50 else
55     CURRENT_REVISION=$(mariadb -u $MARIADB_USER -p$MARIADB_PASSWORD -h $MARIADB_HOSTNAME -P $
56
57     if [ -z "$CURRENT_REVISION" ]; then
58         # If no current revision, stamp with the latest revision
59         flask db stamp head
60     fi
61
62     # Run the migration process to apply all database schema changes
63     flask db upgrade
64 fi
65
66 # Start the Flask application with specified host and port, enabling reload and debug mode
67 exec flask run --host=0.0.0.0 --port=5000 --reload
68
```

Ejercicio Docker

Apartado 3

```
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ docker compose -f docker/docker-compose.dev.yml down
[+] Running 4/4
✓ Container nginx_web_server_container Removed
✓ Container web_app_container Removed
✓ Container mariadb_container Removed
✓ Network docker_uvlhub_network Removed
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ docker compose -f docker/docker-compose.dev.yml up -d --build
[+] Running 0/0
[+] Running 0/1Building
[+] Building 0.9s (6/7)
```

Explore

4 datasets found

Sample dataset 4

January 10, 2025 at 5:43 PM

Description

Description for dataset 4

```
app > modules > explore > templates > explore > <> index.html > h1.h2.mb-3 > b
1  {% extends "base_template.html" %}
2
3  {% block title %}Explore{% endblock %}
4
5  {% block content %}
6
7  <h1 class="h2 mb-3"><b>Explore CAMBIO DEBUG</b></h1>
8
9  <div class="row">
```

Ejercicio Vagrant

Apartado 1

```
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ git checkout chore/vagrant  
rama 'chore/vagrant' configurada para rastrear 'origin/chore/vagrant'.  
Cambiado a nueva rama 'chore/vagrant'
```

```
# Provider configuration  
config.vm.provider "virtualbox" do |vb|  
  vb.memory = "4096"  
  vb.cpus = 6  
end  
end
```

Ejercicio Vagrant

Apartado 2

```
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ cp .env.vagrant.example .env
(venv) practica@pc-14-76:~/EGC-2425-benmauflo$ cd vagrant/
(venv) practica@pc-14-76:~/EGC-2425-benmauflo/vagrant$ vagrant up
Loading .env file from: /home/practica/EGC-2425-benmauflo/.env
FLASK_APP_NAME: "UVLHUB.IO(dev)"
FLASK_ENV: development
DOMAIN: localhost:5000
MARIADB_HOSTNAME: localhost
```

```
(venv) practica@pc-14-76:~/EGC-2425-benmauflo/vagrant$ git add .
(venv) practica@pc-14-76:~/EGC-2425-benmauflo/vagrant$ git commit -m "cambios en vagrant"
[chore/vagrant 732abd4] cambios en vagrant
1 file changed, 2 insertions(+), 2 deletions(-)
(venv) practica@pc-14-76:~/EGC-2425-benmauflo/vagrant$ git push
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 8 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 392 bytes | 392.00 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:benjimrfl/EGC-2425-benmauflo.git
d46ce49..732abd4 chore/vagrant -> chore/vagrant
```