

Intensificación Técnico Organizativa

Nombre: Enrique

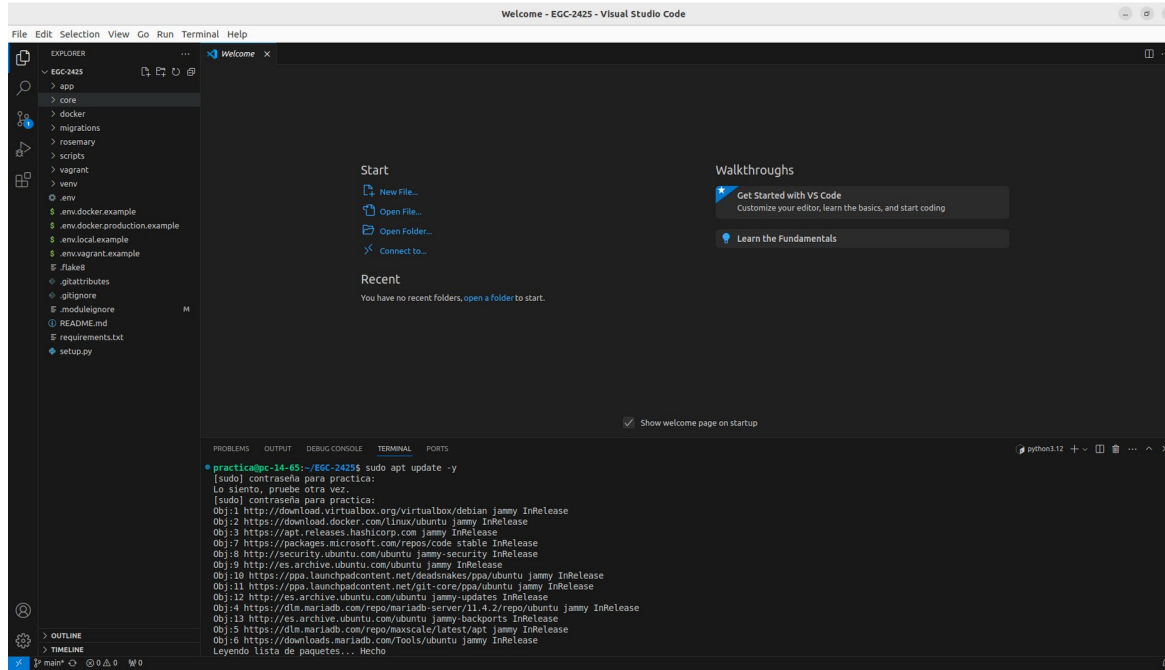
Apellidos: García Abadía

UVUS: enrgaraba

Enlace al repositorio de
GitHub: <https://github.com/Enrgaraba/EGC-2425.git>

Ejercicio Git

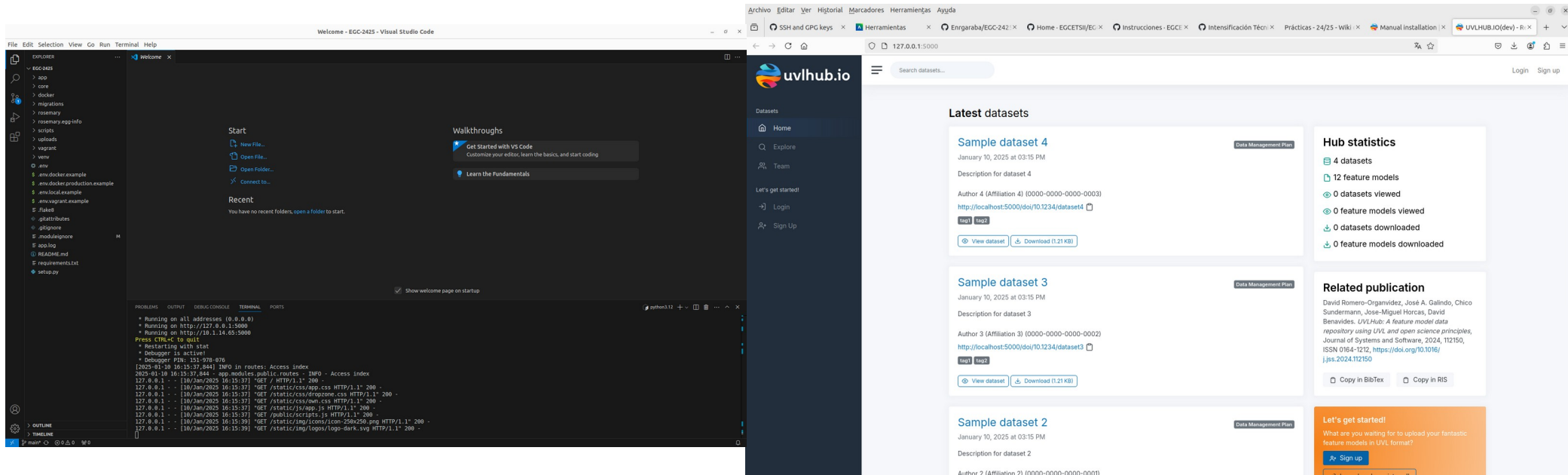
Apartado 1



Se usa el comando `git clone`
`git@github.com:usuario/repo.git`

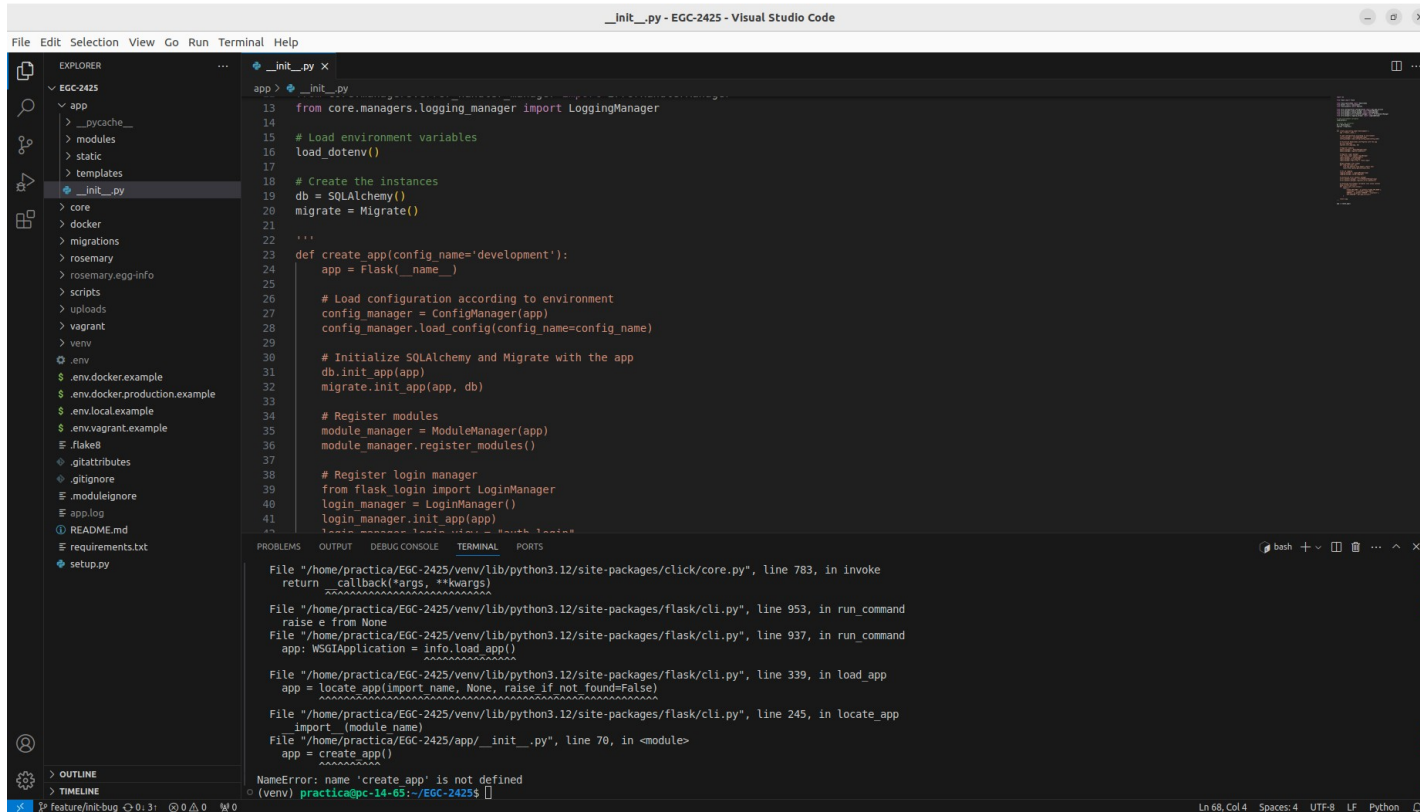
Ejercicio Git

Apartado 2



Ejercicio Git

Apartado 3



The screenshot shows the Visual Studio Code interface. The Explorer panel on the left displays a file tree for a project named 'EGC-2425'. The file `__init__.py` is selected. The main editor area shows the content of `__init__.py`, which includes imports for `LoggingManager`, `SQLAlchemy`, and `Migrate`, along with functions for creating the app and initializing the database. The Terminal panel at the bottom shows the output of a command, displaying several error messages related to the Flask CLI and the `create_app` function.

```
__init__.py
13 from core.managers.logging_manager import LoggingManager
14
15 # Load environment variables
16 load_dotenv()
17
18 # Create the instances
19 db = SQLAlchemy()
20 migrate = Migrate()
21
22 ...
23 def create_app(config_name='development'):
24     app = Flask(__name__)
25
26     # Load configuration according to environment
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)
32     migrate.init_app(app, db)
33
34     # Register modules
35     module_manager = ModuleManager(app)
36     module_manager.register_modules()
37
38     # Register login manager
39     from flask_login import LoginManager
40     login_manager = LoginManager()
41     login_manager.init_app(app)
```

Terminal Output:

```
File "/home/practica/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 783, in invoke
    return _callback(*args, **kwargs)
File "/home/practica/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 953, in run_command
    raise e from None
File "/home/practica/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 937, in run_command
    app: WSGIApplication = info.load_app()
File "/home/practica/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/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 245, in locate_app
    import (module_name)
File "/home/practica/EGC-2425/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

```
NAMEError: name 'create_app' is not defined
• (venv) practica@pc-14-65:~/EGC-2425$ git checkout -b fix/app-init
Cambiado a nueva rama 'fix/app-init'
○ (venv) practica@pc-14-65:~/EGC-2425$
```

Commit ff6bb56

[Preview](#) [Give feedback](#) [Browse files](#)

Enrgaraba committed 1 minute ago

(fix): Descomentar funcion create_app del archivo app/__init__.py. #1

[fix/app-init](#)

1 parent [2e16b50](#) commit [ff6bb56](#)

▼ app
 __init__.py

1 file changed
+2 -2 lines changed

app/__init__.py		+2 -2	...
19	db = SQLAlchemy()	19	db = SQLAlchemy()
20	migrate = Migrate()	20	migrate = Migrate()
21		21	
22	- '''	22	+
23	def	23	def
	create_app(config_name='development'):		create_app(config_name='development'):
24	app = Flask(__name__)	24	app = Flask(__name__)
25		25	
65	}	65	}
66		66	
67	return app	67	return app
68	- '''	68	+
69		69	
70	app = create_app()	70	app = create_app()

Comments 0

Lock conversation

Ejercicio Git

Apartado 6

Apartado 7

```
• (venv) practica@pc-14-65:~/EGC-2425$ git checkout -b feature/conflicto
Cambiado a nueva rama 'feature/conflicto'
○ (venv) practica@pc-14-65:~/EGC-2425$
```

The image shows a Visual Studio Code editor window with a Python file named 'app.py' open. The file contains code for a Flask application. The code includes imports for Flask, SQLAlchemy, and a custom module 'login_manager'. It defines a Flask app, initializes SQLAlchemy, sets up a database, and registers a login manager. The code also includes a main function to run the application. The interface shows the Explorer, Search, and Run and Debug views on the left, and the Code editor on the right. The status bar at the bottom indicates the file is 'app.py' in the 'app' directory.

[illegible]

```
# Initialize SQLAlchemy and Migrate with the app
Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
<<<<<< 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)
    migrate.init_app(app, db)
```

```

• (venv) practica@pc-14-65:~/EGC-2425$ git add .
• (venv) practica@pc-14-65:~/EGC-2425$ git push
Everything up-to-date
• (venv) practica@pc-14-65:~/EGC-2425$ git commit -m "(fix) Resolucion conflicto merge"
[fix/app-init 09a5d7b] (fix) Resolucion conflicto merge
• (venv) practica@pc-14-65:~/EGC-2425$ git push
Enumerando objetos: 10, listo.
Contando objetos: 100% (10/10), listo.
Compresión delta usando hasta 20 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 513 bytes | 513.00 KiB/s, listo.
Total 4 (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:Enrgaraba/EGC-2425.git
   4a63736..09a5d7b  fix/app-init -> fix/app-init
• (venv) practica@pc-14-65:~/EGC-2425$

```


Ejercicio Git

Apartado 8

Cambiado a nueva rama hotfix/bug-critical

(venv) practica@pc-14-65:~/EGC-2425\$ 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

1 7368 21 6161151 22 57 1018 111 156122

Ejercicio Git

Apartado 9

```
• c(venv) practica@pc-14-65:~/EGC-2425$ git cherry-pick --continue
[main 0acdd74] 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
1 file changed, 4 insertions(+)
• (venv) practica@pc-14-65:~/EGC-2425$ git push
Enumerando objetos: 5, listo.
Contando objetos: 100% (5/5), listo.
Compresión delta usando hasta 20 hilos
Comprimiendo objetos: 100% (3/3), listo.
Escribiendo objetos: 100% (3/3), 474 bytes | 474.00 KiB/s, listo.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:Enrgaraba/EGC-2425.git
 38b291c..0acdd74  main -> main
• (venv) practica@pc-14-65:~/EGC-2425$
```

Se ha usado el comando
git cherry-pick 678e7dc6853fb1e1b1b64c5116e6b44e4a5054ab
Siendo 678e7dc6853fb1e1b1b64c5116e6b44e4a5054ab el hash del
commit el cual queremos hacer cherry-pick

Ejercicio GitHub Actions

Apartado 1

```
23     steps:
24       - uses: actions/checkout@v4
25
26       - uses: actions/setup-python@v5
27         with:
28           python-version: '3.11'
29
30       - name: Prepare environment
31         run: |
32           sed -i '/rosemary @ file:\\\\\\app/d' requirements.
33
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
Author: Belen Ramos <brgutierrez@us.es>
Date: Wed Jan 8 09:29:03 2025 +0100
1 file changed, 4 insertions(+)
• (venv) practica@pc-14-65:~/EGC-2425$ git push
Enumerando objetos: 5, listo.
Contando objetos: 100% (5/5), listo.
Compresión delta usando hasta 20 hilos
Comprimiendo objetos: 100% (3/3), listo.
Escribiendo objetos: 100% (3/3), 474 bytes | 474.00 KiB/s, listo.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (1/1), completed with 1 local object.
To github.com:Enrgaraba/EGC-2425.git
   38b291c..0acdd74  main -> main
• (venv) practica@pc-14-65:~/EGC-2425$ git checkout config/ci
rama 'config/ci' configurada para rastrear 'origin/config/ci'.
Cambiado a nueva rama 'config/ci'
○ (venv) practica@pc-14-65:~/EGC-2425$
```

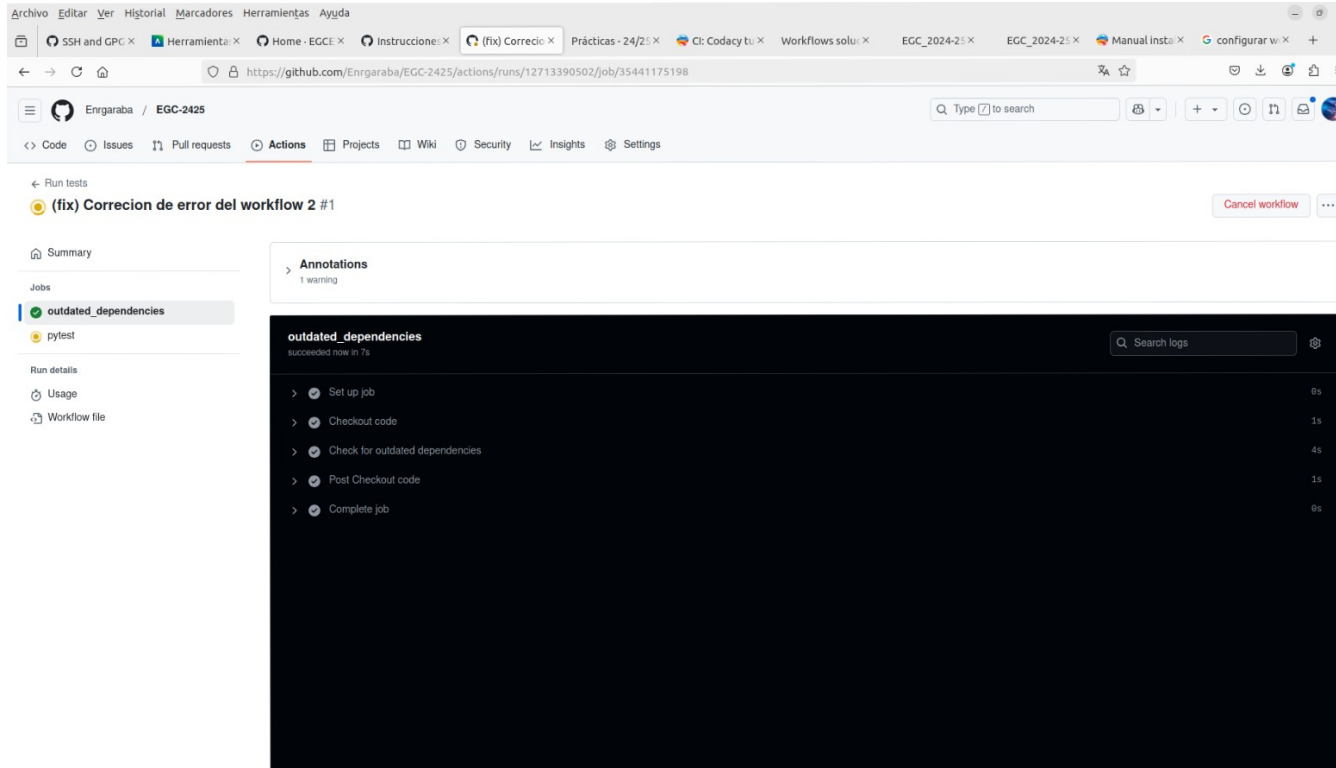
Ejercicio GitHub Actions

Apartado 2

```
7 jobs:
8   outdated_dependencies:
9     runs-on: ubuntu-latest
10    - name: Checkout code
11      uses: actions/checkout@v4
12
13    - name: Check for outdated dependencies
14      run: |
15        pip list --outdated
16
```

Ejercicio GitHub Actions

Apartado 3



The screenshot shows a web browser window displaying a GitHub Actions workflow run. The browser's address bar shows the URL: `https://github.com/Engraraba/EGC-2425/actions/runs/12713390502/job/35441175198`. The page title is "Engraraba / EGC-2425". The navigation bar includes links for Code, Issues, Pull requests, Actions (selected), Projects, Wiki, Security, Insights, and Settings. The main content area shows the workflow run details for "EGC-2425". The workflow name is "(fix) Correccion de error del workflow 2 #1". The status is "succeeded" with a green checkmark. The job name is "outdated_dependencies" and it is marked as "succeeded now in 7s". The job steps are listed as follows:

- Set up job (0s)
- Checkout code (1s)
- Check for outdated dependencies (4s)
- Post Checkout code (1s)
- Complete job (0s)

The left sidebar shows the workflow file structure with "outdated_dependencies" selected. The right sidebar shows the job logs with a search bar and the job status "succeeded now in 7s".

Ejercicio GitHub Actions

Apartado 4


```
services:
  strategy:
  matrix:
    image: ['mysql:5.7', 'mysql:8']


  mysql:
    image: ${ matrix.image }
    env:
      MYSQL_ROOT_PASSWORD: uvlhub_root_password
      MYSQL_DATABASE: uvlhubdb_test
      MYSQL_USER: uvlhub_user
      MYSQL_PASSWORD: uvlhub_password
    ports:
```

Ejercicio GitHub Actions


Apartado 5


[← Run tests](#)


 **(fix) Pruebas en mysql 5.7 y 8 version 2 #3**

 **Summary**


Jobs


 outdated_dependencies

 pytest (mysql:5.7)



 pytest (mysql:8)

Run details

 Usage

 Workflow file

Triggered via push 1 minute ago

 Enraraaba pushed  67ca75e [config/ci](#)

Status

Success

Total duration


1m 10s

Artifacts


—


ejercicio_ci.yml

on: push

 outdated_dependencies 9s

Matrix: pytest

 pytest (mysql:5.7) 58s

 pytest (mysql:8) 58s

Ejercicio Docker

Apartado 1

```
(venv) practica@pc-14-65:~/EGC-2425$ docker compose -f docker/docker-compose.dev.yml up -d
[+] Running 3/3
 ✓ Container mariadb_container      Started
 ✓ Container web_app_container      Started
 ✓ Container nginx_web_server_container Started
(venv) practica@pc-14-65:~/EGC-2425$ docker ps
```

CONTAINER ID	IMAGE	COMMAND	CREATED	STATUS	PORTS	NAMES
flb4041dc190	nginx:latest	"/docker-entrypoint..."	About a minute ago	Up 25 seconds	0.0.0.0:80->80/tcp, :::80->80/tcp	nginx_web_server_container
5a986889cca4	drorganvidez/uvlhub:dev	"sh -c 'sh /app/dock..."	About a minute ago	Up 25 seconds	5000/tcp	web_app_container
bd400072b40b	docker-db	"docker-entrypoint.s..."	About a minute ago	Up 25 seconds	0.0.0.0:3306->3306/tcp, :::3306->3306/tcp	mariadb_container

```
(venv) practica@pc-14-65:~/EGC-2425$
```


Ejercicio Docker

Apartado 2



The image shows a code editor with three tabs: 'docker-compose.dev.yml', 'nginx.dev.conf', and 'Dockerfile.dev M x'. The active tab is 'Dockerfile.dev M x'. The editor content shows a Dockerfile with the following lines:

```
docker > images > Dockerfile.dev

1  # Use an official Python runtime as a parent image
2  FROM python:3.12-slim
3
4  # Set this environment variable to suppress the "Running as root" warning from pip
5  ENV PIP_ROOT_USER_ACTION=ignore
6  ENV DEBUG= false
7  # Install necessary packages
8  RUN pip install --no-cache-dir --upgrade pip && pip install --no-cache-dir -r requirements.txt
```

Ejercicio Docker

Apartado 3

```
• (venv) practica@pc-14-65:~/EGC-2425$ git add .
• (venv) practica@pc-14-65:~/EGC-2425$ git commit -m "(feat) Modificaciones en Dockerfile.dev"
[chore/docker 91e3dc0] (feat) Modificaciones en Dockerfile.dev
 1 file changed, 1 insertion(+), 1 deletion(-)
• (venv) practica@pc-14-65:~/EGC-2425$ git push
Enumerando objetos: 9, listo.
Contando objetos: 100% (9/9), listo.
Compresión delta usando hasta 20 hilos
Comprimiendo objetos: 100% (5/5), listo.
Escribiendo objetos: 100% (5/5), 456 bytes | 456.00 KiB/s, listo.
Total 5 (delta 4), reused 0 (delta 0), pack-reused 0 (from 0)
remote: Resolving deltas: 100% (4/4), completed with 4 local objects.
To github.com:Enrgaraba/EGC-2425.git
   d46ce49..91e3dc0  chore/docker -> chore/docker
○ (venv) practica@pc-14-65:~/EGC-2425$
```

Ejercicio Vagrant

Apartado 1

```
Vagrantfile M x
vagrant > Vagrantfile
35 Vagrant.configure("2") do |config|
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_env.sh
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: <<-SHELL
80     echo 'source /etc/profile.d/vagrant_env.sh' >> /home/vagrant/.bashrc
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
89
```

Ejercicio Vagrant

Apartado 2

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

==> 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
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

○ (venv) practica@pc-14-65:~/EGC-2425/vagrant$
```

```
PROBLEMS  OUTPUT  DEBUG CONSOLE  TERMINAL  PORTS

● (venv) practica@pc-14-65:~/EGC-2425$ git add .
● (venv) practica@pc-14-65:~/EGC-2425$ git commit -m "(feat) Modificaciones en vagrant"
[chore/vagrant 5edf425] (feat) Modificaciones en vagrant
1 file changed, 2 insertions(+), 2 deletions(-)
● (venv) practica@pc-14-65:~/EGC-2425$ git push
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), 388 bytes | 388.00 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:Enrgaraba/EGC-2425.git
d46ce49..5edf425 chore/vagrant -> chore/vagrant
○ (venv) practica@pc-14-65:~/EGC-2425$
```