

# Intensificación Técnica

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Enlace al repositorio de GitHub:

<https://github.com/Pablo-Caballero-Maria/EGC-2425>

# Ejercicio Git

## *Apartado 1*

```
practica@pc-12-65:~$ git clone git@github.com:Pablo-Caballero-Maria/EGC-2425.git
Clonando en 'EGC-2425'...
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 | 3.22 MiB/s, listo.
Resolviendo deltas: 100% (84/84), listo.
practica@pc-12-65:~$ ls
Descargas  Documentos  EGC-2425  Escritorio  Imágenes  Música  opengnsys.log  Plantillas  Público  snap  Videos
practica@pc-12-65:~$
```

# Ejercicio Git

## Apartado 2

```
practica@pc-12-65:~$ sudo systemctl start mariadb
practica@pc-12-65:~$ sudo systemctl status mariadb
● mariadb.service - MariaDB 11.4.2 database server
   Loaded: loaded (/lib/systemd/system/mariadb.service; enabled; vendor preset: enabled)
   Drop-In: /etc/systemd/system/mariadb.service.d
            └─migrated-from-my.cnf-settings.conf
   Active: active (running) since Fri 2025-01-10 15:45:22 CET; 32min ago
     Docs: man:mariadb(8)
           https://mariadb.com/kb/en/library/systemd/
  Process: 1180 ExecStartPre=/usr/bin/install -m 755 -o mysql -g root -d /var/run/mysqld (code=exited, status=0/SUCCESS)
  Process: 1226 ExecStartPre=/bin/sh -c systemctl unset-environment _WSREP_START_POSITION (code=exited, status=0/SUCCESS)
  Process: 1228 ExecStartPre=/bin/sh -c [ ! -e /usr/bin/galera_recovery ] && VAR= || VAR='cd /usr/bin/..; /usr/bin/galera_recovery'; [ $? -eq 0 ]   && systemctl set-environment _WSREP_START_POSITION=
  Process: 2112 ExecStartPost=/bin/sh -c systemctl unset-environment _WSREP_START_POSITION (code=exited, status=0/SUCCESS)
  Process: 2114 ExecStartPost=/etc/mysql/debian-start (code=exited, status=0/SUCCESS)
 Main PID: 1300 (mariadb)
   Status: "Taking your SQL requests now..."
     Tasks: 9 (limit: 251963)
    Memory: 116.6M
       CPU: 2.324s
    CGroup: /system.slice/mariadb.service
            └─1300 /usr/sbin/mariadb

ene 10 15:45:20 pc-12-65 mariadb[1300]: 2025-01-10 15:45:20 0 [Note] Plugin 'wsrep-provider' is disabled.
ene 10 15:45:20 pc-12-65 mariadb[1300]: 2025-01-10 15:45:20 0 [Note] InnoDB: Buffer pool(s) load completed at 250110 15:45:20
ene 10 15:45:22 pc-12-65 mariadb[1300]: 2025-01-10 15:45:22 0 [Note] Server socket created on IP: '127.0.0.1'.
ene 10 15:45:22 pc-12-65 mariadb[1300]: 2025-01-10 15:45:22 0 [Note] mariadb: Event Scheduler: Loaded 0 events
ene 10 15:45:22 pc-12-65 mariadb[1300]: 2025-01-10 15:45:22 0 [Note] /usr/sbin/mariadb: ready for connections.
ene 10 15:45:22 pc-12-65 mariadb[1300]: Version: '11.4.2-MariaDB-ubu2204'  socket: '/run/mysqld/mysqld.sock'  port: 3306  mariadb.org binary distribution
ene 10 15:45:22 pc-12-65 systemd[1]: Started MariaDB 11.4.2 database server.
ene 10 15:45:22 pc-12-65 /etc/mysql/debian-start[2116]: Upgrading MySQL tables if necessary.
ene 10 15:45:22 pc-12-65 /etc/mysql/debian-start[2127]: Checking for insecure root accounts.
ene 10 15:45:22 pc-12-65 /etc/mysql/debian-start[2131]: Triggering myisam-recover for all MyISAM tables and aria-recover for all Aria tables
practica@pc-12-65:~$ sudo mysql_secure_installation
/usr/bin/mysql_secure_installation: Deprecated program name. It will be removed in a future release, use 'mariadb-secure-installation' instead

NOTE: RUNNING ALL PARTS OF THIS SCRIPT IS RECOMMENDED FOR ALL MariaDB
SERVERS IN PRODUCTION USE!  PLEASE READ EACH STEP CAREFULLY!

In order to log into MariaDB to secure it, we'll need the current
password for the root user. If you've just installed MariaDB, and
haven't set the root password yet, you should just press enter here.

Enter current password for root (enter for none):
OK, successfully used password, moving on...

Setting the root password or using the unix_socket ensures that nobody
can log into the MariaDB root user without the proper authorisation.

You already have your root account protected, so you can safely answer 'n'.

Switch to unix_socket authentication [Y/N]
```

# Ejercicio Git

## *Apartado 2*

```
Switch to unix_socket authentication [Y/n]
Enabled successfully!
Reloading privilege tables..
... Success!
```

You already have your root account protected, so you can safely answer 'n'.

```
Change the root password? [Y/n]
New password:
Re-enter new password:
Password updated successfully!
Reloading privilege tables..
... Success!
```

By default, a MariaDB installation has an anonymous user, allowing anyone to log into MariaDB without having to have a user account created for them. This is intended only for testing, and to make the installation go a bit smoother. You should remove them before moving into a production environment.

```
Remove anonymous users? [Y/n]
... Success!
```

Normally, root should only be allowed to connect from 'localhost'. This ensures that someone cannot guess at the root password from the network.

```
Disallow root login remotely? [Y/n]
... Success!
```

By default, MariaDB comes with a database named 'test' that anyone can access. This is also intended only for testing, and should be removed before moving into a production environment.

```
Remove test database and access to it? [Y/n]
- Dropping test database...
... Success!
- Removing privileges on test database...
... Success!
```

Reloading the privilege tables will ensure that all changes made so far will take effect immediately.

```
Reload privilege tables now? [Y/n]
... Success!
```

Cleaning up...

All done! If you've completed all of the above steps, your MariaDB installation should now be secure.

Thanks for using MariaDB!

# Ejercicio Git

## *Apartado 2*

```
practica@pc-12-65:~/EGC-2425$ sudo mysql -u root -p
mysql: Deprecated program name. It will be removed in a future release, use '/usr/bin/mariadb' instead
Enter password:
Welcome to the MariaDB monitor.  Commands end with ; or \g.
Your MariaDB connection id is 41
Server version: 11.4.2-MariaDB-ubu2204 mariadb.org binary distribution

Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

MariaDB [(none)]> CREATE DATABASE uvlhubdb;
ERROR 1007 (HY000): Can't create database 'uvlhubdb'; database exists
MariaDB [(none)]> CREATE DATABASE uvlhubdb_test;
ERROR 1007 (HY000): Can't create database 'uvlhubdb_test'; database exists
MariaDB [(none)]> CREATE DATABASE uvlhubdb;
ERROR 1007 (HY000): Can't create database 'uvlhubdb'; database exists
MariaDB [(none)]> CREATE DATABASE uvlhubdb_test;
ERROR 1007 (HY000): Can't create database 'uvlhubdb_test'; database exists
MariaDB [(none)]> CREATE USER 'uvlhubdb_user'@'localhost' IDENTIFIED BY 'uvlhubdb_password';
ERROR 1396 (HY000): Operation CREATE USER failed for 'uvlhubdb_user'@'localhost'
MariaDB [(none)]> GRANT ALL PRIVILEGES ON uvlhubdb.* TO 'uvlhubdb_user'@'localhost';
Query OK, 0 rows affected (0,001 sec)

MariaDB [(none)]> GRANT ALL PRIVILEGES ON uvlhubdb_test.* TO 'uvlhubdb_user'@'localhost';
Query OK, 0 rows affected (0,001 sec)

MariaDB [(none)]> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0,000 sec)

MariaDB [(none)]> EXIT;
Bye
```

# Ejercicio Git

## *Apartado 2*

```
(.venv) practica@pc-12-65:~/EGC-2425$ pip install -e ./
Obtaining file:///home/practica/EGC-2425
  Preparing metadata (setup.py) ... done
Requirement already satisfied: click in ./venv/lib/python3.12/site-packages (from rosemary==0.1.0) (8.1.7)
Requirement already satisfied: python-dotenv in ./venv/lib/python3.12/site-packages (from rosemary==0.1.0) (1.0.1)
Installing collected packages: rosemary
  DEPRECATION: Legacy editable install of rosemary==0.1.0 from file:///home/practica/EGC-2425 (setup.py develop) is
  d a pyproject.toml or enable --use-pep517, and use setuptools >= 64. If the resulting installation is not behaving
  ols documentation for more information. Discussion can be found at https://github.com/pypa/pip/issues/11457
  Running setup.py develop for rosemary
Successfully installed rosemary-0.1.0
(.venv) practica@pc-12-65:~/EGC-2425$ rosemary
Usage: rosemary [OPTIONS] COMMAND [ARGS]...
```

A CLI tool to help with project development.

Options:  
--help Show this message and exit.

Commands:

clear:cache	Clears pytest cache in app/modules and the build...
clear:log	Clears the 'app.log' file.
clear:uploads	Clears the 'uploads' directory.
compose:env	Combines .env files from blueprints with the root .env,...
coverage	Runs pytest coverage on the blueprints directory or a...
db:console	Opens a MariaDB console with credentials from .env.
db:migrate	Generates and applies database migrations.
db:reset	Resets the database, optionally clears migrations and...
db:seed	Populates the database with the seeders defined in each...
env	Displays the current .env file values.
info	Displays information about the Rosemary CLI.
linter	Runs flake8 linter on the 'app' and 'rosemary' directories.
locust	Launches Locust for load testing based on the environment.
locust:stop	Stops the Locust container if it is running.

```
(.venv) practica@pc-12-65:~/EGC-2425$ 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-12-65:~/EGC-2425$ rosemary db:seed
```

Seeding data for all modules...

AuthSeeder performed.  
DataSetSeeder performed.  
FeatureModelSeeder performed.  
FlanapySeeder performed.  
WebhookSeeder performed.  
HubfileSeeder performed.  
Database populated with test data.

```
(.venv) practica@pc-12-65:~/EGC-2425$ flask run --host=0.0.0.0 --reload --debug
```

\* Debug mode: on

WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.

\* Running on all addresses (0.0.0.0)

\* Running on http://127.0.0.1:5000

\* Running on http://10.1.12.65:5000

Press CTRL+C to quit

\* Restarting with stat

\* Debugger is active!

\* Debugger PIN: 104-144-412

[2025-01-10 16:27:49,906] INFO in routes: Access index

2025-01-10 16:27:49,906 - app.modules.public.routes - INFO - Access index

127.0.0.1 - - [10/Jan/2025 16:27:49] "GET / HTTP/1.1" 200 -

127.0.0.1 - - [10/Jan/2025 16:27:49] "GET /static/css/app.css HTTP/1.1" 200 -

127.0.0.1 - - [10/Jan/2025 16:27:49] "GET /static/css/dropzone.css HTTP/1.1" 200 -

127.0.0.1 - - [10/Jan/2025 16:27:49] "GET /static/css/own.css HTTP/1.1" 200 -

127.0.0.1 - - [10/Jan/2025 16:27:49] "GET /static/js/app.js HTTP/1.1" 200 -

127.0.0.1 - - [10/Jan/2025 16:27:49] "GET /public/scripts.js HTTP/1.1" 200 -

127.0.0.1 - - [10/Jan/2025 16:27:50] "GET /static/img/logos/logo-dark.svg HTTP/1.1" 200 -

127.0.0.1 - - [10/Jan/2025 16:27:50] "GET /static/img/icons/icon-250x250.png HTTP/1.1" 200 -

# Ejercicio Git

## *Apartado 3*

```
(.venv) practica@pc-12-65:~/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-12-65:~/EGC-2425$ git branch -a
* feature/init-bug
main
remotes/origin/HEAD -> origin/main
remotes/origin/chore/docker
remotes/origin/chore/vagrant
remotes/origin/config/ci
remotes/origin/feature/init-bug
remotes/origin/flx/bug-atomic
remotes/origin/hotfix/bug-critical
remotes/origin/main
remotes/origin/test/exam
(.venv) practica@pc-12-65:~/EGC-2425$ flask run --host=0.0.0.0 --reload --debug
Traceback (most recent call last):
  File "/home/practica/EGC-2425/.venv/bin/flask", line 8, in <module>
    sys.exit(main())
    ^^^^^^
  File "/home/practica/EGC-2425/.venv/lib/python3.12/site-packages/flask/cli.py", line 1105, in main
    cli.main()
  File "/home/practica/EGC-2425/.venv/lib/python3.12/site-packages/click/core.py", line 1078, in main
    rv = self.invoke(ctx)
    ^^^^^^^^^^^^^^^^^^
  File "/home/practica/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/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/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/click/decorators.py", line 92, in new_func
    return ctx.invoke(f, obj, *args, **kwargs)
    ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  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*

The screenshot shows a GitHub issue page for a repository. The issue title is "Bug en create\_app #1". It was opened by Pablo-Caballero-Maria. The issue is currently open and has 0 comments. The issue description states: "Al lanzar la aplicación mediante `flask run`, aparece el siguiente error: `NameError: name 'create_app' is not defined`". The issue has been labeled with "bug" and "High priority". The assignee is Pablo-Caballero-Maria. The project is "None yet" and the milestone is "No milestone". The development branch is "Open In Workspace". The issue has 1 participant. The page includes a comment section at the bottom with a text area and a "Comment" button. A footer note states: "Remember, contributions to this repository should follow our [GitHub Community Guidelines](#)."

Bug en create\_app #1

Open Pablo-Caballero-Maria opened this issue now · 0 comments

Pablo-Caballero-Maria commented now

Al lanzar la aplicación mediante `flask run`, aparece el siguiente error:

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

Pablo-Caballero-Maria added `bug` `High priority` labels now

Pablo-Caballero-Maria self-assigned this now

Add a comment

Write Preview

Add your comment here...

Markdown is supported Paste, drop, or click to add files

Close issue

Comment

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

Assignees

Pablo-Caballero-Maria

Labels

`bug` `High priority`

Projects

None yet

Milestone

No milestone

Development

Open In Workspace

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

Notifications

Unsubscribe

You're receiving notifications because you were assigned.

1 participant

Lock conversation



# Ejercicio Git

## *Apartado 5*

```
(.venv) practica@pc-12-65:~/EGC-2425$ git checkout -b fix/app-init
Cambiado a nueva rama 'fix/app-init'
(.venv) practica@pc-12-65:~/EGC-2425$ git branch
  feature/init-bug
* fix/app-init
  main
(.venv) practica@pc-12-65:~/EGC-2425$ ls
app  app.log  core  docker  migrations  README.md  requirements.txt  rosemary  rosemary.egg-info  scripts  setup.py  uploads  vagrant
(.venv) practica@pc-12-65:~/EGC-2425$ vim app/__init__.py
(.venv) practica@pc-12-65:~/EGC-2425$ vim app/__init__.py
(.venv) practica@pc-12-65:~/EGC-2425$ flask run --host=0.0.0.0 --reload --debug
* Debug mode: on
WARNING: This is a development server. Do not use it in a production deployment. Use a production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://10.1.12.65:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 104-144-412
^C(.venv) practica@pc-12-65:~/EGC-2425$ git status
En la rama fix/app-init
Cambios no rastreados para el commit:
  (usa "git add <archivo>..." para actualizar lo que será confirmado)
  (usa "git restore <archivo>..." para descartar los cambios en el directorio de trabajo)
modificados:   app/__init__.py

Archivos sin seguimiento:
  (usa "git add <archivo>..." para incluirlo a lo que será confirmado)
  .venv/

sin cambios agregados al commit (usa "git add" y/o "git commit -a")
(.venv) practica@pc-12-65:~/EGC-2425$ git add app/*
Las siguientes rutas son ignoradas por uno de tus archivos .gitignore:
app/__pycache__
hint: Use -f if you really want to add them.
hint: Disable this message with "git config advice.addIgnoredFile false"
(.venv) practica@pc-12-65:~/EGC-2425$ git status
En la rama fix/app-init
Cambios a ser confirmados:
  (usa "git restore --staged <archivo>..." para sacar del área de stage)
modificados:   app/__init__.py

Archivos sin seguimiento:
  (usa "git add <archivo>..." para incluirlo a lo que será confirmado)
  .venv/

(.venv) practica@pc-12-65:~/EGC-2425$ git commit -m "fix: uncomment create_app Closes #1"
[fix/app-init c560215] fix: uncomment create_app Closes #1
1 file changed, 2 deletions(-)
```

# Ejercicio Git

## *Apartado 5*


```
(.venv) practica@pc-12-65:~/EGC-2425$ git push --set-upstream origin fix/app-init
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 489 bytes | 489.00 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.
remote:
remote: Create a pull request for 'fix/app-init' on GitHub by visiting:
remote:   https://github.com/Pablo-Caballero-Maria/EGC-2425/pull/new/fix/app-init
remote:
To github.com:Pablo-Caballero-Maria/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*

### Comparing changes


Choose two branches to see what's changed or to start a new pull request. If you need to, you can also [compare across forks](#) or [learn more about diff comparisons](#).

 base: feature/init-bug

← ...

compare: fix/app-init

✓ **Able to merge.** These branches can be automatically merged.



#### Add a title

fix: uncomment create\_app Closes #1

#### Add a description

Write

Preview


Se ha descomentado la función `create_app`

Create pull request

Reviewers

No reviews

Assignees

 Pablo-Caballero-Maria

Labels

None yet

Projects


None yet

Milestone

No milestone

Development

Use [Closing keywords](#) in the description to automatically close issues

 Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

**Helpful resources**  
[GitHub Community Guidelines](#)

# Ejercicio Git

## *Apartado 7*

```
(.venv) practica@pc-12-65:~/EGC-2425$ git checkout -b feature/conflicto
Cambiado a nueva rama 'feature/conflicto'
(.venv) practica@pc-12-65:~/EGC-2425$ vim app/__init__.py
(.venv) practica@pc-12-65:~/EGC-2425$ git add app/*
Las siguientes rutas son ignoradas por uno de tus archivos .gitignore:
app/__pycache__
hint: Use -f if you really want to add them.
hint: Disable this message with "git config advice.addIgnoredFile false"
(.venv) practica@pc-12-65:~/EGC-2425$ git commit -m "feature: change database connection"
[feature/conflicto 691529c] feature: change database connection
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
(.venv) practica@pc-12-65:~/EGC-2425$ git push --set-upstream origin feature/conflicto
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 506 bytes | 506.00 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.
remote:
remote: Create a pull request for 'feature/conflicto' on GitHub by visiting:
remote:   https://github.com/Pablo-Caballero-Maria/EGC-2425/pull/new/feature/conflicto
remote:
To github.com:Pablo-Caballero-Maria/EGC-2425.git
 * [new branch]      feature/conflicto -> feature/conflicto
rama 'feature/conflicto' configurada para rastrear 'origin/feature/conflicto'.
```

# Ejercicio Git

## *Apartado 7*

```
(.venv) practica@pc-12-65:~/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-12-65:~/EGC-2425$ vim app/__init__.py
(.venv) practica@pc-12-65:~/EGC-2425$ git add app/*
Las siguientes rutas son ignoradas por uno de tus archivos .gitignore:
app/__pycache__
hint: Use -f if you really want to add them.
hint: Disable this message with "git config advice.addIgnoredFile false"
(.venv) practica@pc-12-65:~/EGC-2425$ git commit -m "feature: change database connection (again)"
[fix/app-init 0eb6868] feature: change database connection (again)
 1 file changed, 1 insertion(+), 1 deletion(-)
(.venv) practica@pc-12-65:~/EGC-2425$ git push
Enumerando objetos: 7, listo.
Contando objetos: 100% (7/7), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 503 bytes | 503.00 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:Pablo-Caballero-Maria/EGC-2425.git
   c560215..0eb6868  fix/app-init -> fix/app-init
(.venv) practica@pc-12-65:~/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-12-65:~/EGC-2425$ vim app/__init__.py
```

# Ejercicio Git

## *Apartado 7*

```
<<<<<< HEAD
    db.init_app(app, uri=os.getenv('DATABASE_URI'))
=====
    db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
>>>>>> feature/conflicto
    db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
```

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

# Ejercicio Git

## *Apartado 7*

```
... con los agregados de commit (usa git add y/o git commit -a)
(.venv) practica@pc-12-65:~/EGC-2425$ vim app/__init__.py
(.venv) practica@pc-12-65:~/EGC-2425$ git add app/*
Las siguientes rutas son ignoradas por uno de tus archivos .gitignore:
app/__pycache__
hint: Use -f if you really want to add them.
hint: Disable this message with "git config advice.addIgnoredFile false"
(.venv) practica@pc-12-65:~/EGC-2425$ git commit -m "fix: solve merge conflict"
[fix/app-init f6a648a] fix: solve merge conflict
(.venv) practica@pc-12-65:~/EGC-2425$ git push
Enumerando objetos: 10, listo.
Contando objetos: 100% (10/10), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (4/4), listo.
Escribiendo objetos: 100% (4/4), 512 bytes | 512.00 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:Pablo-Caballero-Maria/EGC-2425.git
0eb6868..f6a648a fix/app-init -> fix/app-init
```

# Ejercicio Git

## *Apartado 8*

```
(.venv) practica@pc-12-65:~/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 Introduce a bug in the view_dataset card for the exam by commenting out the card section to simulate an error
546eea4 Initialise base project
```



# Ejercicio Git

## Apartado 9

```
(.venv) practica@pc-12-65:~/EGC-242$ git cherry-pick 678e7dc
Auto-fusionando .moduleignore
CONFLICTO (contenido): conflicto de fusión en .moduleignore
error: no se pudo aplicar 678e7dc... Fix the bug in the view_dataset card by uncommenting the card section, restoring the dataset view functionality
hint: Luego de resolver los conflictos, máquelos con
hint: "git add/rn <paths>", luego ejecute
hint: "git cherry-pick --continue".
hint: O puede saltar este commit con "git cherry-pick --skip".
hint: Para abortar y regresar al estado anterior a "git cherry-pick",
hint: ejecute "git cherry-pick --abort".
hint: Disable this message with "git config advice.mergeConflict false"
(.venv) practica@pc-12-65:~/EGC-242$ vim .moduleignore
(.venv) practica@pc-12-65:~/EGC-242$ git status
En la rama main
Tu rama está actualizada con 'origin/main'.

Estás realizando un cherry-picking en el commit 678e7dc.
  (corrige los conflictos y ejecuta "git cherry-pick --continue")
  (usa "git cherry-pick --skip" para saltar este parche)
  (usa "git cherry-pick --abort" para cancelar la operación cherry-pick)

Cambios a ser confirmados:
  modificados:   app/modules/dataset/templates/dataset/view_dataset.html

Rutas no fusionadas:
  (usa "git add <archivo>..." para marcar una resolución)
  modificados por ambos: .moduleignore

Archivos sin seguimiento:
  (usa "git add <archivo>..." para incluirlo a lo que será confirmado)
  .venv/

(.venv) practica@pc-12-65:~/EGC-242$ git add .moduleignore
(.venv) practica@pc-12-65:~/EGC-242$ git cherry-pick --continue
[main 5115c26] 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, 2 insertions(+), 2 deletions(-)
(.venv) practica@pc-12-65:~/EGC-242$ git status
En la rama main
Tu rama está adelantada a 'origin/main' por 1 commit.
  (usa "git push" para publicar tus commits locales)

Archivos sin seguimiento:
  (usa "git add <archivo>..." para incluirlo a lo que será confirmado)
  .venv/

no hay nada agregado al commit pero hay archivos sin seguimiento presentes (usa "git add" para hacerles seguimiento)
(.venv) practica@pc-12-65:~/EGC-242$ git push
Enumerando objetos: 15, listo.
Contando objetos: 100% (15/15), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (6/6), listo.
Escribiendo objetos: 100% (8/8) 698 bytes | 698.00 KiB/s | listo.
```

# Ejercicio Git

## *Apartado 10*

```
(.env) practica@pc-12-65:~/EGC-2425$ git checkout fix/bug-atomic
rama 'fix/bug-atomic' configurada para rastrear 'origin/fix/bug-atomic'.
Cambiado a nueva rama 'fix/bug-atomic'
(.env) practica@pc-12-65:~/EGC-2425$ git log --oneline
1fbb834 (HEAD -> fix/bug-atomic, origin/fix/bug-atomic) Eliminar los archivos .txt creados durante el ejercicio
f46b275 Fix más cosas. (reword para aclarar: Mejora de la legibilidad en el código y corrección de estilo)
1d544e6 Fix bug algo raro (se combinará (squash) con el commit anterior durante el rebase)
f4d1f8f bugfix (cambiar mensaje a: 'Solución a un bug en la validación de entradas')
331027f Commit adicional (se combinará (squash) con el commit anterior y siguiente para simplificar el historial)
13cd556 2º commit relacionado (se combinará (squash) con los commits anterior y siguiente durante el rebase)
c9ff30e cambio 1 (se combinará (squash) con el commit de 'Solución a un bug en la validación de entradas'). Cambie el orden de los commits, si lo considera necesario
d46ce49 (origin/test/exam, origin/chore/vagrant, origin/chore/docker) Initial version ready for local deployment
546eea4 Initialise base project
(.env) practica@pc-12-65:~/EGC-2425$
```

# Ejercicio Git

## *Apartado 11*

```
pick 546eea4 Initialise base project
pick d46ce49 Initial version ready for local deployment
reword f4d1f8f Solución a un bug en la validación de entradas
squash c9ff30e cambio 1 (se combinará (squash) con el commit de 'Solución a un bug en la validación de entradas'). Cambie el orden de los commits, si lo considera necesario
squash 13cd556 2º commit relacionado (se combinará (squash) con los commits anterior y siguiente durante el rebase)
squash 331027f Commit adicional (se combinará (squash) con el commit anterior y siguiente para simplificar el historial)
squash 1d544e6 Fix bug algo raro (se combinará (squash) con el commit anterior durante el rebase)
reword f46b275 Mejora de la legibilidad en el código y corrección de estilo
pick 1fbb834 Eliminar los archivos .txt creados durante el ejercicio
□
```

```
(.venv) practica@pc-12-65:~/EGC-2425$ git log --oneline
413a1be (HEAD -> fix/bug-atomic) Eliminar los archivos .txt creados durante el ejercicio
e2aa73f Mejora de la legibilidad en el código y corrección de estilo
b4b375b Solucion a un bug en la validacion de entradas
d46ce49 (origin/test/exam, origin/chore/vagrant, origin/chore/docker) Initial version ready for local deployment
546eea4 Initialise base project
□
```

# Ejercicio Git

## *Apartado 12*

```
(.venv) practica@pc-12-65:~/EGC-2425$ git checkout main
Cambiado a rama 'main'
Tu rama está actualizada con 'origin/main'.
(.venv) practica@pc-12-65:~/EGC-2425$ git checkout -b feature/parche
Cambiado a nueva rama 'feature/parche'
(.venv) practica@pc-12-65:~/EGC-2425$ git checkout fix/bug-atomic
Cambiado a rama 'fix/bug-atomic'
Tu rama está actualizada con 'origin/fix/bug-atomic'.
```

# Ejercicio Git

## *Apartado 13*

```
(.venv) practica@pc-12-65:~/EGC-2425$ git format-patch -10 HEAD --stdout > cambios.patch^C
(.venv) practica@pc-12-65:~/EGC-2425$ git status
En la rama fix/bug-atomic
Tu rama está actualizada con 'origin/fix/bug-atomic'.

Archivos sin seguimiento:
  (usa "git add <archivo>..." para incluirlo a lo que será confirmado)
    .venv/
    cambios.patch

no hay nada agregado al commit pero hay archivos sin seguimiento presentes (usa "git add" para hacerles seguimiento)
(.venv) practica@pc-12-65:~/EGC-2425$ git add cambios.patch
(.venv) practica@pc-12-65:~/EGC-2425$ git commit -m "feature: generate patch"
[fix/bug-atomic 7eebe80] feature: generate patch
 1 file changed, 22246 insertions(+)
 create mode 100644 cambios.patch
(.venv) practica@pc-12-65:~/EGC-2425$ git push
Enumerando objetos: 4, listo.
Contando objetos: 100% (4/4), listo.
Compresión delta usando hasta 16 hilos
Comprimiendo objetos: 100% (3/3), listo.
Escribiendo objetos: 100% (3/3), 1.62 MiB | 2.39 MiB/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:Pablo-Caballero-Maria/EGC-2425.git
   0a115ba..7eebe80  fix/bug-atomic -> fix/bug-atomic
```

# Ejercicio Git

## *Apartado 14*

```
(.venv) practica@pc-12-65:~/EGC-2425$ git checkout fix/bug-atomic
Cambiado a rama 'fix/bug-atomic'
Tu rama está actualizada con 'origin/fix/bug-atomic'.
(.venv) practica@pc-12-65:~/EGC-2425$ git log --oneline
7eebe80 (HEAD -> fix/bug-atomic, origin/fix/bug-atomic) feature: generate patch
```

```
7eebe80: introduce base project
(.venv) practica@pc-12-65:~/EGC-2425$ git checkout feature/parche
Cambiado a rama 'feature/parche'
(.venv) practica@pc-12-65:~/EGC-2425$ git cherry-pick 7eebe80
[feature/parche b4055e6] feature: generate patch
Date: Fri Jan 10 17:59:40 2025 +0100
1 file changed, 22246 insertions(+)
create mode 100644 cambios.patch
```

# Ejercicio Git

## *Apartado 15*

```
app app.log cambios.patch core socket migrations README.md
(.venv) practica@pc-12-65:~/EGC-2425$ git am < cambios.patch
Aplicando: Initialise base project
.git/rebase-apply/patch:696: trailing whitespace.

.git/rebase-apply/patch:3796: trailing whitespace.

.git/rebase-apply/patch:3840: trailing whitespace.

.git/rebase-apply/patch:3860: trailing whitespace.

.git/rebase-apply/patch:3864: trailing whitespace.
```

# Ejercicio GitHub Actions

## *Apartado 1*

```
steps:
- uses: actions/checkout@v4

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

- name: Prepare environment
  run: |
    sed -i '/rosemary @ file:\\\\\\\\app/d' requirements.txt

- name: Install dependencies
```

```
(.venv) practica@pc-12-65:~/EGC-2425$ git checkout config/ci
rama 'config/ci' configurada para rastrear 'origin/config/ci'.
Cambiado a nueva rama 'config/ci'
(.venv) practica@pc-12-65:~/EGC-2425$ vim .github/workflows/ejercicio_ci.yml
```



# Ejercicio GitHub Actions

## *Apartado 2*

```
dependencies:
  runs-on: ubuntu-latest
  needs: pytest

steps:
  - uses: actions/checkout@v4
  - uses: actions/setup-python@v5
    with:
      python-version: '3.11'

  - name: Prepare environment
    run: |
      sed -i '/rosemary @ file:\\/\\/\\/app/d' requirements.txt

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

  - name: List outdated dependencies
    run: |
      pip list --outdated
```



# Ejercicio GitHub Actions

*Apartado 3*

# Ejercicio GitHub Actions

## *Apartado 4*

```
services:
  mysql:
    image: mysql:5.7
    env:
      MYSQL_ROOT_PASSWORD: uvlhub_root_password
      MYSQL_DATABASE: uvlhubdb_test
      MYSQL_USER: uvlhub_user
      MYSQL_PASSWORD: uvlhub_password
    ports:
      - 3306:3306
    options: --health-cmd="mysqladmin ping" --health-interval=10s --health-timeout=5s

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

steps:
  - uses: actions/checkout@v4

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

  - name: Prepare environment
```

# Ejercicio GitHub Actions

*Apartado 5*

# Ejercicio GitHub Actions

## *Apartado 6*

```
name: Release workflow

on:
  push:
    tags:
      - "v.*.*"

jobs:
  release:
    name: Create gh release
    runs-on: ubuntu-latest

    steps:
      - name: checkout code
        uses: actions/checkout@v3

      - name: create release
        uses: softprops/action-gh-release@v2
```

# Ejercicio GitHub Actions

*Apartado 7*

# Ejercicio Docker

## *Apartado 1*

```
docker-compose.dev.yml: docker-compose.prod.yml: docker-compose.prod.webhooks.yml: docker-compose.prod.yml: error: path is not a directory: nginx: ports
(.venv) practica@pc-12-65:~/EGC-2425/docker$ docker compose -f docker-compose.dev.yml up -d --build
[+] Running 1/1
✖ nginx Error toomanyrequests: You have reached your pull rate limit. You may increase the limit by authenticating and upgrading: https://www.docker.com/increase-rate-limit
Error response from daemon: toomanyrequests: You have reached your pull rate limit. You may increase the limit by authenticating and upgrading: https://www.docker.com/increase-ra
```

# Ejercicio Docker

*Apartado 2*



# Ejercicio Docker

*Apartado 3*

# Ejercicio Docker

*Apartado 4*

# Ejercicio Docker

*Apartado 5*

# Ejercicio Docker

*Apartado 6*

# Ejercicio Vagrant

*Apartado 1*

# Ejercicio Vagrant

*Apartado 2*

# Ejercicio Vagrant

*Apartado 3*

# Ejercicio Vagrant

*Apartado 4*