

# Intensificación Colaborativa

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Enlace al repositorio de GitHub:

# Ejercicio Git

## *Apartado 1*

```
practica@pc-13-53:~$ git clone git@github.com:maravimaq/examen-EGC-2425.git
Clonando en 'examen-EGC-2425'...
remote: Enumerating objects: 342, done.
remote: Counting objects: 100% (342/342), done.
remote: Compressing objects: 100% (231/231), done.
remote: Total 342 (delta 69), reused 338 (delta 67), pack-reused 0 (from 0)
Recibiendo objetos: 100% (342/342), 1.60 MiB | 1.76 MiB/s, listo.
Resolviendo deltas: 100% (69/69), listo.
practica@pc-13-53:~$
```

# Ejercicio Git

## *Apartado 2*

- `practica@pc-13-53:~/examen-EGC-2425$ sudo systemctl start mariadb`  
[sudo] contraseña para practica:
- `practica@pc-13-53:~/examen-EGC-2425$ 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] y  
Enabled successfully!  
Reloading privilege tables..  
... Success!

# Ejercicio Git

## *Apartado 2*

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:

Sorry, you can't use an empty password here.

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] y

... 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] y

# Ejercicio Git

## *Apartado 2*

ensures that someone cannot guess at the root password from the network.

Disallow root login remotely? [Y/n] y  
... 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] y  
- 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] y  
... 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!

practica@nc-13-53: ~/examen-EGG-2425t

# Ejercicio Git

## *Apartado 2*

```
practica@pc-13-53:~/examen-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 45
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 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 (0,002 sec)

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

# Ejercicio Git

## *Apartado 2*

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

```
MariaDB [(none)]> GRANT ALL PRIVILEGES ON uvhubdb_test.* TO 'uvhubdb_user'@'localhost';  
Query OK, 0 rows affected (0,002 sec)
```

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

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

```
• practica@pc-13-53:~/examen-EGC-2425$ cp .env.local.example .env  
• practica@pc-13-53:~/examen-EGC-2425$ echo "webhook" > .moduleignore  
• practica@pc-13-53:~/examen-EGC-2425$ python3.12 -m venv venv  
• practica@pc-13-53:~/examen-EGC-2425$ source venv/bin/activate  
○ (venv) practica@pc-13-53:~/examen-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))  
  Downloading astutils-0.0.6.tar.gz (9.3 kB)  
Installing build dependencies ... done  
Getting requirements to build wheel ... done
```

# Ejercicio Git

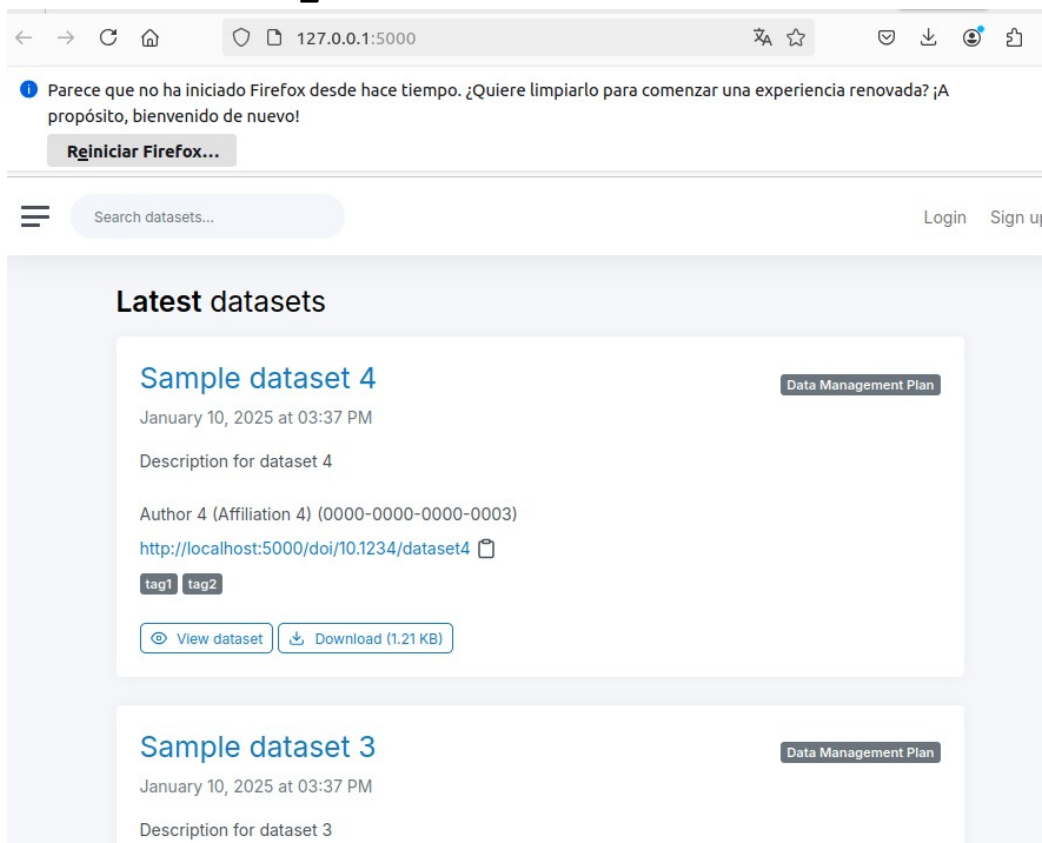
## *Apartado 2*

```
update      This command updates all packages based on the...
zip         Generates a zip file named egc_<uvus>_entrega.zip...
• (venv) practica@pc-13-53:~/examen-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-13-53:~/examen-EGC-2425$ 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-13-53:~/examen-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 pro
  duction WSGI server instead.
  * Running on all addresses (0.0.0.0)
  * Running on http://127.0.0.1:5000
  * Running on http://10.1.13.53:5000
  Press CTRL+C to quit
  * Restarting with stat
  * Debugger is active!
  * Debugger PIN: 768-899-205
```



# Ejercicio Git

## *Apartado 2*



The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5000'. A notification from Firefox is visible at the top, suggesting a restart. The web application interface includes a search bar labeled 'Search datasets...', a 'Login' link, and a 'Sign up' link. The main content area is titled 'Latest datasets' and displays two dataset cards. The first card, 'Sample dataset 4', includes a 'Data Management Plan' button, a timestamp, a description, author information, a DOI link, tags 'tag1' and 'tag2', and buttons for 'View dataset' and 'Download (1.21 KB)'. The second card, 'Sample dataset 3', follows a similar layout but is partially cut off at the bottom.

← → ↻ 🏠 🔍 📄 127.0.0.1:5000 🚫 ⭐ 📧 ⬇️ 👤 📄

📘 Parece que no ha iniciado Firefox desde hace tiempo. ¿Quiere limpiarlo para comenzar una experiencia renovada? ¡A propósito, bienvenido de nuevo!

**Reiniciar Firefox...**

☰ Search datasets... Login Sign up

### Latest datasets

#### Sample dataset 4

January 10, 2025 at 03:37 PM

Description for dataset 4

Author 4 (Affiliation 4) (0000-0000-0000-0003)

<http://localhost:5000/doi/10.1234/dataset4> 📄

**tag1** **tag2**

[👁 View dataset](#) [⬇ Download \(1.21 KB\)](#)

**Data Management Plan**

#### Sample dataset 3

January 10, 2025 at 03:37 PM

Description for dataset 3

**Data Management Plan**

# Ejercicio Git

## *Apartado 3*

```
• (venv) practica@pc-13-53:~/examen-EGC-2425$ git checkout feature/init-bug
M      .moduleignore
M      app/__init__.py
M      app/modules/dataset/templates/dataset/view_dataset.html
Cambiado a rama 'feature/init-bug'
• (venv) practica@pc-13-53:~/examen-EGC-2425$ cp .env.local.example .env
• (venv) practica@pc-13-53:~/examen-EGC-2425$ echo "webhook" > .moduleignore
• (venv) practica@pc-13-53:~/examen-EGC-2425$ python3.12 -m venv venv
• (venv) practica@pc-13-53:~/examen-EGC-2425$ source venv/bin/activate
• (venv) practica@pc-13-53:~/examen-EGC-2425$ pip install -r requirements.txt
Requirement already satisfied: afmparser==1.0.3 in ./venv/lib/python3.12/site-packages (from -r requirements.txt (line 1)) (1.0.3)
Requirement already satisfied: alembic==1.13.2 in ./venv/lib/python3.12/site-packages (from -r requirements.txt (line 2)) (1.13.2)
Requirement already satisfied: aniso8601==9.0.1 in ./venv/lib/python3.12/site-packages (from -r requirements.txt (line 3)) (9.0.1)
Requirement already satisfied: antlr4-python3-runtime==4.13.1 in ./venv/lib/python3.12/site-packages (from -r requirements.txt (line 4)) (4.13.1)
Requirement already satisfied: astutils==0.0.6 in ./venv/lib/python3.12/site-packages (fro
```

# Ejercicio Git

## *Apartado 3*


```
(venv) practica@pc-13-53:~/examen-EGC-2425$ flask db upgrade
Traceback (most recent call last):
  File "/home/practica/examen-EGC-2425/venv/bin/flask", line 8, in <module>
    sys.exit(main())
    ~~~~~
  File "/home/practica/examen-EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 1105, in main
    cli.main()
  File "/home/practica/examen-EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 1078, in main
    rv = self.invoke(ctx)
         ~~~~~
  File "/home/practica/examen-EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 1682, in invoke
    cmd_name, cmd, args = self.resolve_command(ctx, args)
                          ~~~~~
  File "/home/practica/examen-EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 1729, in resolve_command
    cmd = self.get_command(ctx, cmd_name)
          ~~~~~
  File "/home/practica/examen-EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 611, in get_command
    app = info.load_app()
          ~~~~~
  File "/home/practica/examen-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-EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 245, in locate_app
    __import__(module_name)
  File "/home/practica/examen-EGC-2425/app/__init__.py", line 70, in <module>
    app = create_app()
          ~~~~~
NameError: name 'create_app' is not defined
(venv) practica@pc-13-53:~/examen-EGC-2425$
```

# Ejercicio Git

## *Apartado 4*

### Bug: create\_app comentado #2


Open maravimaq/pruebaEGC Private









maravimaq opened 7 minutes ago · edited by maravimaq


Edits · ...

Descripción: Cuando desplegamos el proyecto surge un error debido a que alguien ha comentado la línea de create\_app














  **maravimaq** moved this to Todo in  **@maravimaq's examen** 7 minutes ago


  **maravimaq** added this to  **@maravimaq's examen** 7 minutes ago


**Add a comment**


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Use Markdown to format your comment


 Paste, drop, or click to add files

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**bug**

**Projects** 



 **@maravimaq's examen**


Status **Todo** 

Priority **P0**

Size **S**

Estimate 

1  



Iteration 


Iteration • Jan 10 - Jan 23 • **Current**

Start date 


No date

End date 

No date

**Milestone** 

No milestone

**Development** 

[Create a branch](#) for this issue or link a pull request.

# Ejercicio Git

## *Apartado 5*

```
● practica@pc-13-53:~/examen-EGC-2425$ git checkout -b fix/app-innit  
Cambiado a nueva rama 'fix/app-innit'  
○ practica@pc-13-53:~/examen-EGC-2425$
```

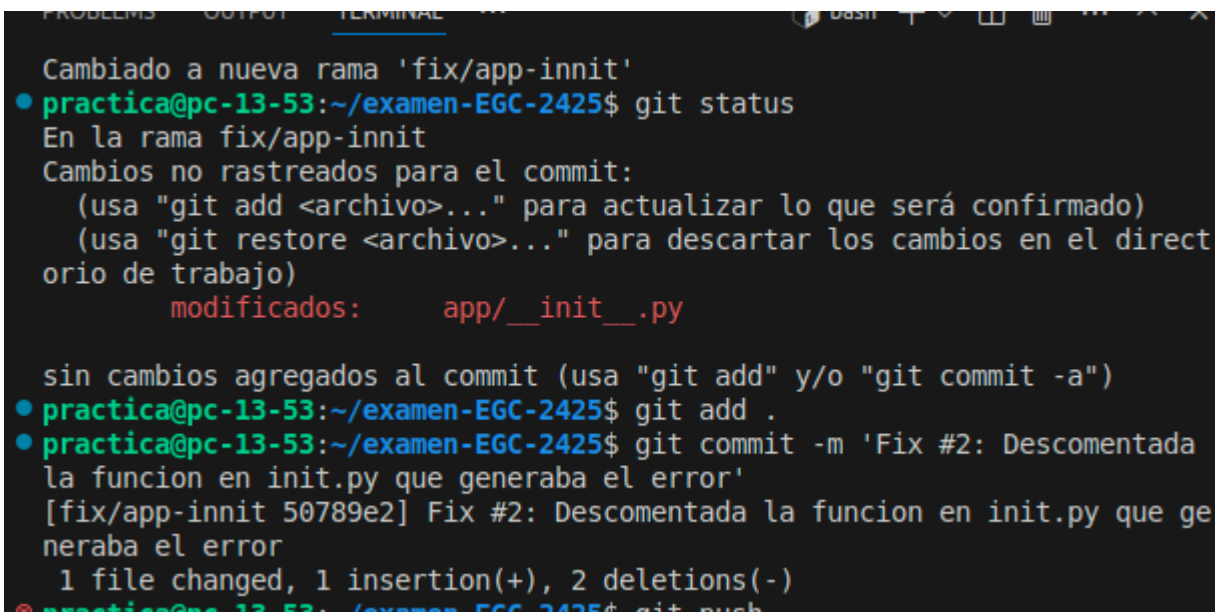
# Ejercicio Git

## *Apartado 5*

```
● practica@pc-13-53:~/examen-EGC-2425$ git checkout -b fix/app-innit  
Cambiado a nueva rama 'fix/app-innit'  
○ practica@pc-13-53:~/examen-EGC-2425$
```

# Ejercicio Git

## *Apartado 5*



A screenshot of a terminal window with a dark background. The terminal shows a sequence of Git commands and their outputs. The prompt is `practica@pc-13-53:~/examen-EGC-2425$`. The first command is `git status`, which shows that the branch is `fix/app-innit` and that there are no staged changes. The second command is `git add .`, which stages all files. The third command is `git commit -m 'Fix #2: Descomentada la funcion en init.py que generaba el error'`, which creates a new commit. The output shows the commit hash `[fix/app-innit 50789e2]` and the commit message. The final command is `git push`, which is partially visible at the bottom.

```
PROBLEMS OUTPUT TERMINAL
Cambiado a nueva rama 'fix/app-innit'
● practica@pc-13-53:~/examen-EGC-2425$ git status
En la rama fix/app-innit
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

sin cambios agregados al commit (usa "git add" y/o "git commit -a")
● practica@pc-13-53:~/examen-EGC-2425$ git add .
● practica@pc-13-53:~/examen-EGC-2425$ git commit -m 'Fix #2: Descomentada
la funcion en init.py que generaba el error'
[fix/app-innit 50789e2] Fix #2: Descomentada la funcion en init.py que ge
neraba el error
  1 file changed, 1 insertion(+), 2 deletions(-)
● practica@pc-13-53:~/examen-EGC-2425$ git push
```

# Ejercicio Git

## *Apartado 5*

```
● practica@pc-13-53:~/examen-EGC-2425$ git push --set-upstream origin fix/a
pp-innit
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), 519 bytes | 519.00 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-innit' on GitHub by visiting:
remote:   https://github.com/maravimaq/examen-EGC-2425/pull/new/fix/ap
p-innit
remote:
To github.com:maravimaq/examen-EGC-2425.git
 * [new branch]      fix/app-innit -> fix/app-innit
rama 'fix/app-innit' configurada para rastrear 'origin/fix/app-innit'.
```



# Ejercicio Git

## *Apartado 5*

```
20 migrate = Migrate()
21
22 def create_app(config_name='development'):
23     app = Flask(__name__)
24
25     # Load configuration according to environment
26     config_manager = ConfigManager(app)
27     config_manager.load_config(config_name=config_name)
28
29     # Initialize SQLAlchemy and Migrate with the app
30     db.init_app(app)
31     migrate.init_app(app, db)
32
33     # Register modules
34     module_manager = ModuleManager(app)
35     module_manager.register_modules()
36
37     # Register login manager
38     from flask_login import LoginManager
39     login_manager = LoginManager()
40     login_manager.init_app(app)
41     login_manager.login_view = "auth.login"
42
43     @login_manager.user_loader
44     def load_user(user_id):
```

# Ejercicio Git

*Apartado 6*

# Ejercicio Git

*Apartado 7*

# Ejercicio GitHub Actions

*Apartado 1*

# Ejercicio GitHub Actions

*Apartado 2*

# Ejercicio GitHub Actions

*Apartado 3*

# Ejercicio Pruebas

*Apartado 1*

# Ejercicio Pruebas

*Apartado 2*



# Ejercicio Pruebas

*Apartado 3*

# Ejercicio Pruebas

*Apartado 4*

# Ejercicio Pruebas

*Apartado 5*

# Ejercicio Docker

*Apartado 1*

# Ejercicio Vagrant

*Apartado 1*