

# Intensificación Técnico Organizativa

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Enlace al repositorio de GitHub:  
<https://github.com/manbarjim2/EGC-2425>

# Ejercicio Git

## Apartado 1

manbarjim2 / EGC-2425

Search

Repository icons

<> Code

Pull requests

Actions

Projects

Wiki

Security

Insights

Settings

EGC-2425 Public

forked from EGCETSII/EGC-2425

Pin

Watch 0

Fork 0

Star 0

main 1 Branch 0 Tags

Go to file

Add file

<> Code

This branch is up to date with EGCETSII/EGC-2425:main

Contribute

Sync fork

brgutierrez

Introduce a bug in the view\_dataset card for the exam by commenting o...

7260a34 · 2 days ago

2 Commits

app	Introduce a bug in the view_dataset card for the exam by co...	2 days ago
core	Initialise base project	2 days ago
docker	Initialise base project	2 days ago
migrations	Initialise base project	2 days ago
rosemary	Initialise base project	2 days ago
scripts	Initialise base project	2 days ago
vagrant	Initialise base project	2 days ago
.env.docker.example	Initialise base project	2 days ago
.env.docker.production.example	Initialise base project	2 days ago
.env.local.example	Initialise base project	2 days ago
.env.vagrant.example	Initialise base project	2 days ago

About

No description, website, or topics provided.

Readme

Activity

0 stars

0 watching

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Releases

No releases published

Create a new release

Packages

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Languages

Python 53.8%

HTML 33.6%

JavaScript 5.5%

Shell 4.6%

Jinia 1.3%

CSS 1.1%

# Ejercicio Git

## *Apartado 2*

```
Database populated with test data.
(venv) practica@pc-14-75:~/Escritorio/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 production WSGI server instead.
* Running on all addresses (0.0.0.0)
* Running on http://127.0.0.1:5000
* Running on http://10.1.14.75:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 111-463-940
[2025-01-10 16:17:23,591] INFO in routes: Access index
2025-01-10 16:17:23,591 - app.modules.public.routes - INFO - Access index
10.1.12.17 - - [10/Jan/2025 16:17:23] "GET / HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:17:23] "GET /static/css/app.css HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:17:23] "GET /static/css/dropzone.css HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:17:23] "GET /static/css/own.css HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:17:23] "GET /static/js/app.js HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:17:23] "GET /public/scripts.js HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:17:23] "GET /static/img/logos/logo-dark.svg HTTP/1.1" 200 -
10.1.12.17 - - [10/Jan/2025 16:17:24] "GET /static/img/icons/icon-250x250.png HTTP/1.1" 200 -
```

# Apartado 2 b

The screenshot shows the uvlhub.io website interface. At the top, there's a browser address bar with the URL 10.1.14.75:5000 and a notification about Firefox. The website header includes the uvlhub.io logo, a search bar, and links for Login and Sign up. A dark sidebar on the left contains navigation links: Home, Explore, Team, and a 'Let's get started!' section with Login and Sign Up links. The main content area is titled 'Latest datasets' and displays three dataset cards. Each card shows the dataset name, date, description, author information, a DOI link, tags, and buttons for 'View dataset' and 'Download'. To the right of the datasets, there's a 'Hub statistics' section showing counts for datasets, feature models, views, and downloads. Below that is a 'Related publication' section with a citation and links to copy it in BibTex or RIS format. At the bottom right, there's an orange 'Let's get started!' banner encouraging users to upload their models.

uvlhub.io

Search datasets...

Login Sign up

## Latest datasets

### Sample dataset 4

January 10, 2025 at 03:17 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 03:17 PM

Description for dataset 3

Author 3 (Affiliation 3) (0000-0000-0000-0002)

<http://localhost:5000/doi/10.1234/dataset3>

tag1 tag2

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

Data Management Plan

### Sample dataset 2

January 10, 2025 at 03:17 PM

Data Management Plan

## Hub statistics

- 4 datasets
- 12 feature models
- 0 datasets viewed
- 0 feature models viewed
- 0 datasets downloaded
- 0 feature models downloaded

## Related publication

David Romero-Organvitez, José A. Galindo, Chico Sundermann, Jose-Miguel Horcas, David Benavides. *UVLHub: A feature model data repository using UVL and open science principles*, Journal of Systems and Software, 2024, 112150, ISSN 0164-1212, <https://doi.org/10.1016/j.jss.2024.112150>

[Copy in BibTex](#) [Copy in RIS](#)

## Let's get started!

What are you waiting for to upload your fantastic feature models in UVL format?

# Ejercicio Git

```
(venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git branch
* main
(venv) practica@pc-14-75:~/Escritorio/examen/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-14-75:~/Escritorio/examen/EGC-2425$ flask run
Traceback (most recent call last):
  File "/home/practica/Escritorio/examen/EGC-2425/venv/bin/flask", line 8, in <module>
    sys.exit(main())
    ~~~~~
  File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 1105, in main
    cli.main()
  File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 1078, in main
    rv = self.invoke(ctx)
    ~~~
  File "/home/practica/Escritorio/examen/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/Escritorio/examen/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/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 783, in invoke
    return _callback(*args, **kwargs)
    ~~~~~
  File "/home/practica/Escritorio/examen/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/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/click/core.py", line 783, in invoke
    return _callback(*args, **kwargs)
    ~~~~~
  File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 953, in run_command
    raise e from None
  File "/home/practica/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 937, in run_command
    app: WSGIApplication = info.load_app()
    ~~~~~
  File "/home/practica/Escritorio/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/Escritorio/examen/EGC-2425/venv/lib/python3.12/site-packages/flask/cli.py", line 245, in locate_app
    import_ (module name)
  File "/home/practica/Escritorio/examen/EGC-2425/app/__init__.py", line 70, in <module>
    app = create_app()
    ~~~~~
NameError: name 'create_app' is not defined
(venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```

# Ejercicio Git

*Apartado 4*

# Ejercicio Git

## *Apartado 5*

```
NAME: Error: name 'create_app' is not defined
• (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git checkout -b fix/app-init feature/init-bug
Cambiado a nueva rama 'fix/app-init'
○ (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ 
• practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git branch
feature/init-bug
* fix/app-init
main
• practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git add .
• practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git commit -m "Se ha corregido el error descomentando la función create_app"
[fix/app-init 23cfa69] Se ha corregido el error descomentando la función create_app
1 file changed, 1 insertion(+), 2 deletions(-)
```

```
• practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git push
Everything up-to-date
○ practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```

Se me olvido referenciar la issue por lo que he realizado otro commit para hacerlo.

```
• practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git add .
• practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git commit -m "Commit para referenciar la issue #1"
[fix/app-init 7f4ac2c] Commit para referenciar la issue #1
1 file changed, 1 insertion(+)
• practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git pull
Ya está actualizado.
```

# Ejercicio Git

*Apartado 6*



# Ejercicio Git

## *Apartado 7*

```
● practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git branch
  feature/init-bug
* fix/app-init
  main
● practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git checkout -b feature/conflicto fix/app-init
Cambiado a nueva rama 'feature/conflicto'
○ practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```

# 7b

```
• practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git add .  
• practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git commit -m "Modificada la configuración de la base de datos"  
[feature/conflicto 5ded673] Modificada la configuración de la base de datos  
1 file changed, 1 insertion(+), 1 deletion(-)
```

```
• practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git push  
Everything up-to-date  
○ practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```

```
# Initialize SQLAlchemy and Migrate with the app  
db.init_app(app, uri=os.getenv('DATABASE_URI'))  
migrate.init_app(app, db)
```

# 7c

```
17
18 # Create the instances
19 db = SQLAlchemy()
20 migrate = Migrate()
21
22
23
24 def create_app(config_name='development'):
25     app = Flask(__name__)
26
27     # Load configuration according to environment
28     config_manager = ConfigManager(app)
29     config_manager.load_config(config_name=config_name)
30
31     # Initialize SQLAlchemy and Migrate with the app
32     db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
33     migrate.init_app(app, db)
34
35     # Register modules
36     module_manager = ModuleManager(app)
37     module_manager.register_modules()
38
39     # Register login manager
40     from flask_login import LoginManager
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git branch
  feature/conflicto
  feature/init-bug
* fix/app-init
  main
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git add .
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git commit -m "Cambio en la configuracion de la database"
[fix/app-init 35d3e13] Cambio en la configuracion de la database
 1 file changed, 1 insertion(+), 1 deletion(-)
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ 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), 476 bytes | 476.00 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:manbarjim2/EGC-2425.git
  44f7854..35d3e13  fix/app-init -> fix/app-init
practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```

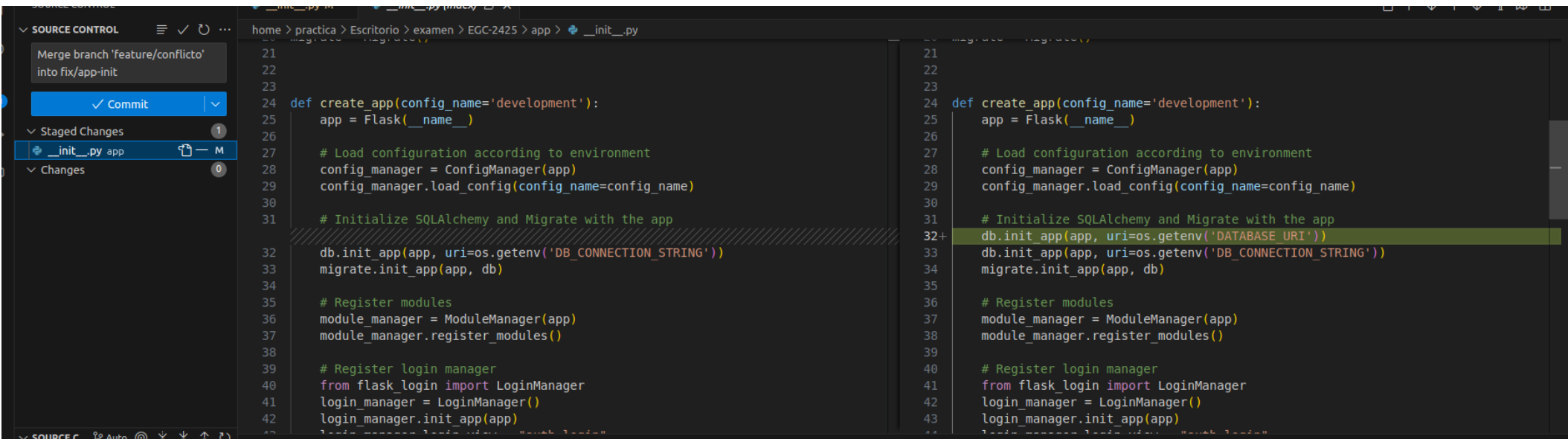
# 7d

```
17
18 # Create the instances
19 db = SQLAlchemy()
20 migrate = Migrate()
21
22
23
24 def create_app(config_name='development'):
25     app = Flask(__name__)
26
27     # Load configuration according to environment
28     config_manager = ConfigManager(app)
29     config_manager.load_config(config_name=config_name)
30
31     # Initialize SQLAlchemy and Migrate with the app
32     Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
33     <<<<<< HEAD (Current Change)
34     db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
35     =====
36     db.init_app(app, uri=os.getenv('DATABASE_URI'))
37     >>>>>> feature/conflicto (Incoming Change)
38     migrate.init_app(app, db)
39     # Register modules
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS

```
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git branch
feature/conflicto
feature/init-bug
* fix/app-init
main
practica@pc-14-75:~/Escritorio/examen/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.
practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```

# 7e



```
home > practica > Escritorio > examen > EGC-2425 > app > __init__.py

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

Source Control

Merge branch 'feature/conflicto' into fix/app-init

✓ Commit

Staged Changes 1

\_\_init\_\_.py app M

Changes 0

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

# F,g

Confirmé la resolución del conflicto, completé el merge e hice el push sin hacer capturas, pero como se puede ver aquí fue realizado tal cual.

```
app > __init__.py
22
23
24 def create_app(config_name='development'):
25     app = Flask(__name__)
26
27     # Load configuration according to environment
28     config_manager = ConfigManager(app)
29     config_manager.load_config(config_name=config_name)
30
31     # Initialize SQLAlchemy and Migrate with the app
32     db.init_app(app, uri=os.getenv('DATABASE_URI'))
33     db.init_app(app, uri=os.getenv('DB_CONNECTION_STRING'))
34     migrate.init_app(app, db)
35
36     # Register modules
37     module_manager = ModuleManager(app)
38     module_manager.register_modules()
39
40     # Register login manager
41     from flask_login import LoginManager
42     login_manager = LoginManager()
43     login_manager.init_app(app)
44     login_manager.login_view = "auth.login"
45
PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
• practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git branch
  feature/conflicto
  feature/init-bug
* fix/app-init
  main
o practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```

# Ejercicio Git

Apartado 0

```
practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git checkout hotfix/bug-critical
rama 'hotfix/bug-critical' configurada para rastrear 'origin/hotfix/bug-critical'.
Cambiado a nueva rama 'hotfix/bug-critical'
practica@pc-14-75:~/Escritorio/examen/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

```
commit 7260a34ef4f445bc39c57aad9b8aecb4de15fd39 (origin/main, origin/HEAD, main)
Author: Belen Ramos <brgutierrez@us.es>
Date: Wed Jan 8 09:17:58 2025 +0100
```

Introduce a bug in the view\_dataset card for the exam by commenting out the card section to simulate an error

```
commit 546eea4205ef86c27030f720ac6521d7495c3452
Author: Belen Ramos <brgutierrez@us.es>
Date: Wed Jan 8 09:16:01 2025 +0100
```

Initialise base project

# Ejercicio Git

- `practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git checkout main`  
Cambiado a rama 'main'  
Tu rama está actualizada con 'origin/main'.
- `practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git cherry-pick 678e7dc6853fb1e1b1b64c5116e6b44e4a5054ab`  
[main e86a620] 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(-)

Q. Explore more datasets

### Sample dataset 4

January 10, 2025 at 03:17 PM

Description: Description for dataset 4

Uploaded by: Doe, Jane

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

Publication DOI: 10.1234/dataset4

Zenodo record: <https://sandbox.zenodo.org/records/4>

Tags: tag1 tag2

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

Data Management Plan

#### UVL models

file10.uvl (414 bytes) View Check Export

file11.uvl (414 bytes) View Check Export

file12.uvl (414 bytes) View Check Export

Download all (1.21 KB)

#### Related publication

David Romero-Organvitez, José A. Galindo, Chico Sundermann, Jose-Miguel Horcas, David Benavides, *UVLHub: A feature model data repository using UVL and open science principles*, Journal of Systems and Software, 2024, 112150, ISSN 0164-1212, <https://doi.org/10.1016/j.jss.2024.112150>

Copy in BibTex Copy in RIS Copy in APA Copy in text

```
env) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git push
Enumerando objetos: 17, listo.
Comprimiendo objetos: 100% (17/17), listo.
Resolución de deltas usando hasta 8 hilos
Comprimiendo objetos: 100% (6/6), listo.
Enviando objetos: 100% (9/9), 726 bytes | 726.00 KiB/s, listo.
Total 9 (delta 6), reused 3 (delta 1), pack-reused 0 (from 0)
Note: Resolving deltas: 100% (6/6), completed with 6 local objects.
To github.com:manbarjin2/EGC-2425.git
7260a34..e86a620 main -> main
```



# Ejercicio GitHub Actions

```
! ejercicio_ci.yml x
.github > workflows > ! ejercicio_ci.yml
7 jobs:
8   pytest:
11     services:
12       mysql:
14         env:
17           MYSQL_USER: uvlhdb_user
18           MYSQL_PASSWORD: uvlhdb_password
19         ports:
20           - 3306:3306
21         options: --health-cmd="mysqladmin ping" --health-interval=10s --health-timeout=5s --health-retries=3
22
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.txt
33
34       - name: Install dependencies
35         run: |
36           python -m pip install --upgrade pip
37           pip install -r requirements.txt
38
39       - name: Run Tests
40         env:
41           FLASK_ENV: testing
42           MARIADB_HOSTNAME: 127.0.0.1
43           MARIADB_PORT: 3306
44           MARIADB_TEST_DATABASE: uvlhdb_test
45           MARIADB_USER: uvlhdb_user
46           MARIADB_PASSWORD: uvlhdb_password
47         run: |
48
49 PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS
50
51 • (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git checkout config/ci
52   rama 'config/ci' configurada para rastrear 'origin/config/ci'.
53   Cambiado a nueva rama 'config/ci'
54 ○ (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```

```
options: --health-cmd="mysqladmin ping" --health-interval=10s --health-timeout=5s --health-retries=3
steps:
- uses: actions/checkout@v4

- uses: actions/setup-python@v5
  with:
    python-version: ['3.11', '3.12']

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

- name: Install dependencies
  run: |
```

# Ejercicio GitHub Actions

*Apartado 2*

```
49 |  
50 | outdated_dependencies:  
51 |   runs-on: ubuntu-latest  
52 |  
53 |   steps:  
54 |     - name: Checkout code  
55 |       uses: actions/checkout@v4  
56 |  
57 |     - name: Check for outdated dependencies  
58 |       run: |  
59 |         pip list --outdated  
60 |
```

# Ejercicio GitHub Actions

```
• (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git checkout config/ci
rama 'config/ci' configurada para rastrear 'origin/config/ci'.
Cambiado a nueva rama 'config/ci'
• (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git add .
• (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git commit -m "Añadido jobs para comprobar dependencias desactualizadas."
[config/ci 5b0d0ee] Añadido jobs para comprobar dependencias desactualizadas.
 1 file changed, 13 insertions(+), 2 deletions(-)
• (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git push
Enumerando objetos: 9, listo.
Contando objetos: 100% (9/9), listo.
Compresión delta usando hasta 8 hilos
Comprimiendo objetos: 100% (3/3), listo.
Escribiendo objetos: 100% (5/5), 520 bytes | 260.00 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:manbarjim2/EGC-2425.git
 44fe92f..5b0d0ee config/ci -> config/ci
• (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$
```



outdated\_dependencies

5s

# Ejercicio GitHub Actions

## *Apartado 4*

```
services:
  mysql:
    image: ['mysql:5.7', 'mysql:8.0']
    env:
      MYSQL_ROOT_PASSWORD: uvlhub_root_password
      MYSQL_DATABASE: uvlhubdb_test
      MYSQL_USER: uvlhub_user
      MYSQL_PASSWORD: uvlhub_password
```

# Ejercicio GitHub Actions

```
• (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git add .
• (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git commit -m "Version en ejercicio_ci de mysql tanto para 5.7 como para 8.0"
[config/ci f46fb6e] Version en ejercicio_ci de mysql tanto para 5.7 como para 8.0
 1 file changed, 2 insertions(+), 2 deletions(-)
• (venv) practica@pc-14-75:~/Escritorio/examen/EGC-2425$ git push
Enumerando objetos: 9, listo.
Contando objetos: 100% (9/9), listo.
Compresión delta usando hasta 8 hilos
Comprimiendo objetos: 100% (3/3), listo.
Escribiendo objetos: 100% (5/5), 464 bytes | 232.00 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:manbarjim2/EGC-2425.git
 5b0d0ee..f46fb6e  config/ci -> config/ci
```

# Ejercicio Docker

*Apartado 1*

# Ejercicio Docker

*Apartado 2*

# Ejercicio Docker

*Apartado 3*



# Ejercicio Vagrant

*Apartado 1*

# Ejercicio Vagrant

*Apartado 2*