

Intensificación Técnico Organizativa

Nombre: Rafael

Apellidos: Pulido Cifuentes

UVUS: rafpulcif

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

Ejercicio Git

Apartado 1



EGC-2425-rafpulcif

Public

forked from [EGCETSII/EGC-2425](#)

```
practica@pc-14-74:~$ cd  
practica@pc-14-74:~/examen$ git clone git@github.com:rafpulcif/EGC-2425-rafpulcif.git
```

```
practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ ls  
app    docker    README.md    rosemary    setup.py  
core   migrations requirements.txt scripts    vagrant
```

Ejercicio Git

Apartado 2

The screenshot displays the UVLHub.io website interface. On the left is a dark sidebar with the UVLHub.io logo and navigation links: Home, Explore, Team, Let's get started!, Login, and Sign Up. The main content area has a search bar at the top and a 'Latest datasets' section. This section contains three dataset cards: 'Sample dataset 4', 'Sample dataset 3', and 'Sample dataset 2'. Each card shows the dataset name, date, description, author information, a DOI link, tags, and buttons for 'View dataset' and 'Download (1.21 KB)'. To the right of the datasets is a 'Hub statistics' section showing 4 datasets, 12 feature models, 0 datasets viewed, 0 feature models viewed, 0 datasets downloaded, and 0 feature models downloaded. Below this is a 'Related publication' section with a citation for David Romero-Organvitez et al. and buttons for 'Copy in BibTex' and 'Copy in RIS'. At the bottom right is a 'Let's get started!' section with a 'Sign up' button.

uvlhub.io

Search datasets...

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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)

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)

Sample dataset 2

January 10, 2025 at 03:17 PM

Description for dataset 2

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?

Sign up

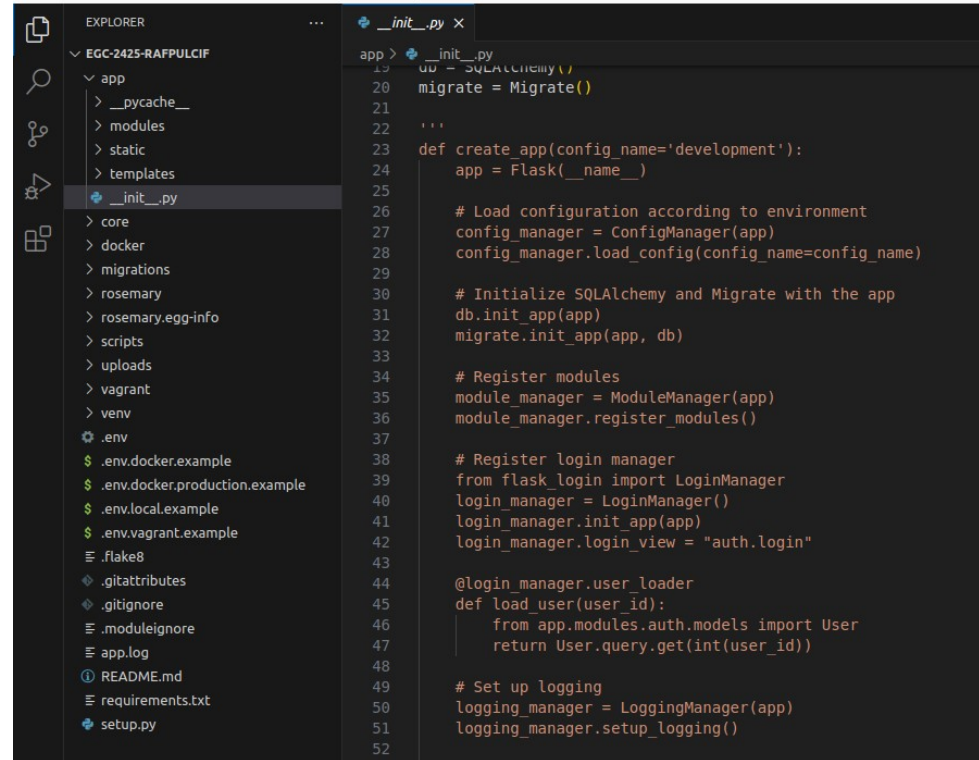
```
practica@pc-14-74:~$ cd examen/EGC-2425-rafpulcif/
practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ python3.12 -m venv venv
practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ source venv/bin/activate
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ cp .env.local.example .env
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ ls
app  docker  README.md  rosemary  setup.py  venv
core  migrations  requirements.txt  scripts  vagrant
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ 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
  Preparing metadata (pyproject.toml) ... done
Collecting attrs==23.2.0 (from -r requirements.txt (line 6))
  Downloading attrs-23.2.0-py3-none-any.whl.metadata (9.5 kB)
Collecting beautifulsoup4==4.12.3 (from -r requirements.txt (line 7))
  Downloading beautifulsoup4-4.12.3-py3-none-any.whl.metadata (3.8 kB)
Collecting blinker==1.8.2 (from -r requirements.txt (line 8))
  Downloading blinker-1.8.2-py3-none-any.whl.metadata (1.6 kB)
```

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ 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://10.1.14.74:5000
Press CTRL+C to quit
* Restarting with stat
* Debugger is active!
* Debugger PIN: 747-141-492
[2025-01-10 16:19:27,000] INFO in routes: Access index
2025-01-10 16:19:27,000 - app.modules.public.routes - INFO - Access index
127.0.0.1 - - [10/Jan/2025 16:19:27] "GET / HTTP/1.1" 200 -
127.0.0.1 - - [10/Jan/2025 16:19:27] "GET /static/css/app.css HTTP/1.1" 200 -
127.0.0.1 - - [10/Jan/2025 16:19:27] "GET /static/css/dropzone.css HTTP/1.1" 200 -
```

Ejercicio Git

Apartado 3

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git checkout feature/init-bug
Cambiado a rama 'feature/init-bug'
Tu rama está actualizada con 'origin/feature/init-bug'.
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```



```
__init__.py
app > __init__.py
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)
42     login_manager.login_view = "auth.login"
43
44     @login_manager.user_loader
45     def load_user(user_id):
46         from app.modules.auth.models import User
47         return User.query.get(int(user_id))
48
49     # Set up logging
50     logging_manager = LoggingManager(app)
51     logging_manager.setup_logging()
52
```

Ejercicio Git

Apartado 4

Incidencia: Función comentada en /app #2

[Edit](#)[New issue](#)

Open rafpulcif opened this issue 1 hour ago · 0 comments · Fixed by #1



rafpulcif commented 1 hour ago

Owner



Descripción: Hay una funcion comentada en /app/init.py que puede generar error

Criterio de aceptacion: que se descomente la función



Assignees



rafpulcif

Labels



None yet

Projects



Ejercicio Git

Apartado 5

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git checkout -b fix/app-init
```

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git add .  
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git commit -m "fix: Arreglar init"  
[fix/app-init c70653a] fix: Arreglar init  
1 file changed, 2 insertions(+), 2 deletions(-)  
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git push --set-upstream 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), 476 bytes | 476.00 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/rafpulcif/EGC-2425-rafpulcif/pull/new/fix/app-init  
remote:  
To github.com:rafpulcif/EGC-2425-rafpulcif.git  
* [new branch]   fix/app-init -> fix/app-init  
rama 'fix/app-init' configurada para rastrear 'origin/fix/app-init'.  
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```

Ejercicio Git

Apartado 6

fix: Arreglar init #1

Edit <> Code

Merged rafpulf merged 1 commit into `feature/init-bug` from `fix/app-init` 1 hour ago

Conversation 0

Commits 1

Checks 0

Files changed 1

+2 -2



rafpulf commented 1 hour ago • edited

Owner

Se ha descomentado la función



Reviewers

No reviews

Assignees

No one—[assign yourself](#)

Labels

None yet

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

Incidencia: Función comentada en /app



fix: Arreglar init

c70653a



rafpulf linked an issue 1 hour ago that may be closed by this pull request

Incidencia: Función comentada en /app #2

Open



rafpulf merged commit a733f09 into `feature/init-bug`

1 hour ago

Revert



Add a comment

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⋮

Add your comment here...

Ejercicio Git

Apartado 7

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git status
En la rama fix/app-init
Tu rama está actualizada con 'origin/fix/app-init'.

nada para hacer commit, el árbol de trabajo está limpio
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git checkout -b feature/conflicto
Cambiado a nueva rama 'feature/conflicto'
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git add .  
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git commit -m "feat: cambio db 1"  
[feature/conflicto 6ffb6e6] feat: cambio db 1  
1 file changed, 1 insertion(+), 1 deletion(-)  
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git add .  
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git commit -m "feat: cambio db 2"  
[fix/app-init 3d51e8e] feat: cambio db 2  
1 file changed, 1 insertion(+), 1 deletion(-)  
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git status
```

En la rama fix/app-init

Tu rama está adelantada a 'origin/fix/app-init' por 1 commit.

(usa "git push" para publicar tus commits locales)

nada para hacer commit, el árbol de trabajo está limpio

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ 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-14-74:~/examen/EGC-2425-rafpulcif$
```

No elimina la rama, la necesitará a continuación

```

# 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)

# Register modules

```

```

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

```

Por favor, realiza un commit con los cambios antes de fusionar.

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git commit -m "merge de cambios"
```

```
[fix/app-init 4002fc4] merge de cambios
```

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git merge feature/conflicto
```

Ya está actualizado.

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```



```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ 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), 1.26 KiB | 323.00 KiB/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:rafpulcif/EGC-2425-rafpulcif.git
   c70653a..4002fc4  fix/app-init -> fix/app-init
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```

Ejercicio Git

Apartado 8

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ 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-14-74:~/examen/EGC-2425-rafpulcif$ git diff
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git log --graph --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
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ Es el ID 678e7dc
```

Ejercicio Git

Apartado 9

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git cherry-pick 678e7dc
[main c6e92d2] Fix the bug in the view_dataset card by uncommenting the card section, restoring the da
taset 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-14-74:~/examen/EGC-2425-rafpulcif$
```

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ 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), 737 bytes | 368.00 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:rafpulcif/EGC-2425-rafpulcif.git
   679b3fe..c6e92d2  main -> main
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```

Ejercicio GitHub Actions

Apartado 1

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git checkout config/ci
rama 'config/ci' configurada para rastrear 'origin/config/ci'.
Cambiado a nueva rama 'config/ci'
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```

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

Ejercicio GitHub Actions

Apartado 2

Ejercicio GitHub Actions

Apartado 3

Ejercicio GitHub Actions

Apartado 4

```
strategy:
  matrix:
    image: [mysql:5.7, mysql:8.0]

services:
  mysql:
    image: ${ matrix.image }
```

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git add .
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git commit -m "feat: cambios en workflow"
[config/ci bddf299] feat: cambios en workflow
1 file changed, 1 insertion(+), 1 deletion(-)
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```

Ejercicio GitHub Actions

Apartado 5

Ejercicio Docker

Apartado 1

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git checkout chore/docker  
rama 'chore/docker' configurada para rastrear 'origin/chore/docker'.  
Cambiado a nueva rama 'chore/docker'  
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ rm -r .env  
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ cp .env.docker.example .env
```

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ docker compose -f docker/docker-compose.dev.yml  
up -d  
[+] Running 3/3  
✓ Container mariadb_container      Started      0.3s  
✓ Container web_app_container      Started      0.2s  
✓ Container nginx_web_server_container Started      0.2s  
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```

Ejercicio Docker

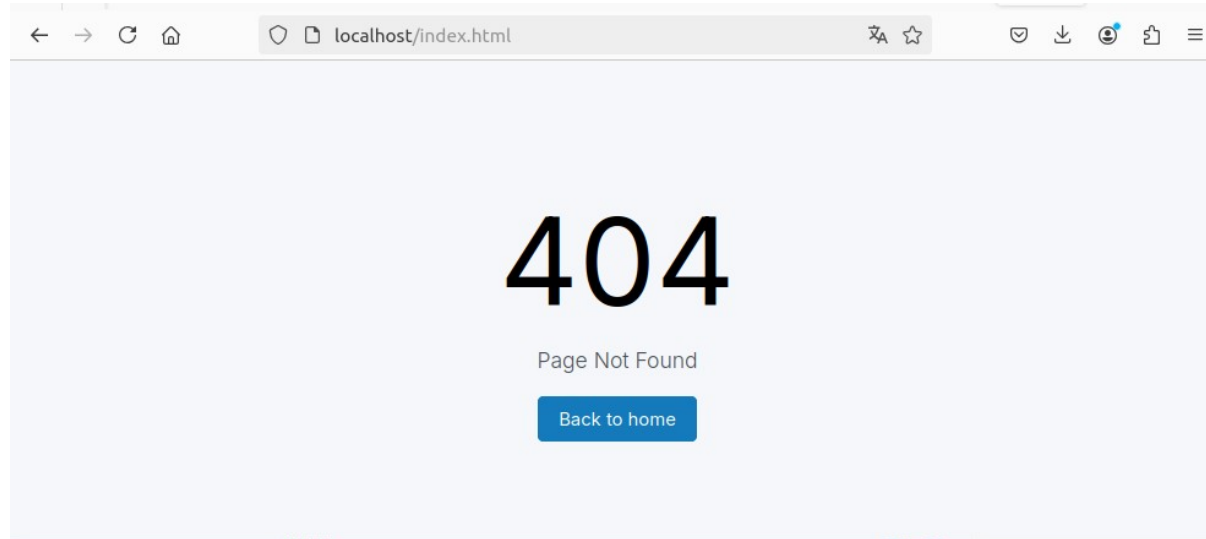
Apartado 2

```
# Start the Flask application with specified host and port, enabling reload and debug mode  
exec flask run --host=0.0.0.0 --port=5000 --reload
```

```
Exporting layers  
[+] Running 5/5 image sha256:e9742e5d156751eff0c48ebc64597cbdc4f78a6a14e0cafa45fe4bc0a276fc16 0.0s  
✓ Service db Built 3.7s  
✓ Service web Built 40.9s  
✓ Container mariadb_container Running 0.0s  
✓ Container nginx_web_server_container Started 11.2s  
✓ Container web_app_container Started 10.7s
```

Ejercicio Docker

Apartado 3



```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git add .
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git commit -m "quitar modo debug"
[chore/docker 5d468d6] quitar modo debug
1 file changed, 1 insertion(+), 1 deletion(-)
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git push
Enumerando objetos: 9, listo.
Contando objetos: 100% (9/9), listo.
Compresión delta usando hasta 8 hilos
Comprimiendo objetos: 100% (5/5), listo.
Escribiendo objetos: 100% (5/5), 426 bytes | 426.00 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:rafpulcif/EGC-2425-rafpulcif.git
   d46ce49..5d468d6  chore/docker -> chore/docker
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```

Ejercicio Vagrant

Apartado 1

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ git checkout chore/vagrant  
rama 'chore/vagrant' configurada para rastrear 'origin/chore/vagrant'.  
Cambiado a nueva rama 'chore/vagrant'  
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$
```

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

Ejercicio Vagrant

Apartado 2

```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ rm -r uploads
rm -r rosemary.egg-info
rm app.log*
rm: ¿borrar el fichero regular 'rosemary.egg-info/PKG-INFO'  protegido contra escritura? (s/n) s
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ rm -r .env
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ cp .env.vagrant.example .env
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif$ cd vagrant
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif/vagrant$ vagrant up
Loading .env file from: /home/practica/examen/EGC-2425-rafpulcif/.env
FLASK_APP_NAME: "UVLHUB.IO(dev)"
FLASK_ENV: development
DOMAIN: localhost:5000
MARIADB_HOSTNAME: localhost
MARIADB_PORT: 3306
MARIADB_DATABASE: uvlhubdb
MARIADB_TEST_DATABASE: uvlhubdb_test
MARIADB_USER: uvlhubdb_user
MARIADB_PASSWORD: uvlhubdb_password
MARIADB_ROOT_PASSWORD: uvlhubdb_root_password
WORKING_DIR: /vagrant/
Bringing machine 'default' up with 'virtualbox' provider...
==> 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'
```

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
```

localhost:5000

uvlhub.io

Datasets

Home

Explore

Team

Let's get started!

Login

Sign Up

Search datasets...

LoginSign up

Latest datasets

Sample dataset 4

January 10, 2025 at 04:31 PM

Description for dataset 4

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

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

tag1tag2

View dataset

Download (1.21 KB)

Data Management Plan


```
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif/vagrant$ git add .
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif/vagrant$ git commit -m "feat: cambio propiedades vagrant"
[chore/vagrant b582882] feat: cambio propiedades vagrant
 1 file changed, 2 insertions(+), 2 deletions(-)
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif/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), 394 bytes | 394.00 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:rafpulcif/EGC-2425-rafpulcif.git
   d46ce49..b582882  chore/vagrant -> chore/vagrant
(venv) practica@pc-14-74:~/examen/EGC-2425-rafpulcif/vagrant$
```