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## Teerraform Cloud

### Paso 1

## App.py

```
# verfile.tx app.py App.p X  

File Edit View

from flask import Flask from datetime import datetime import pytz

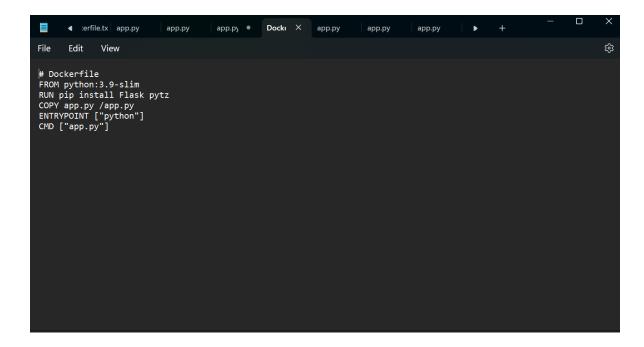
app = Flask(_name__)

@app.route('/')

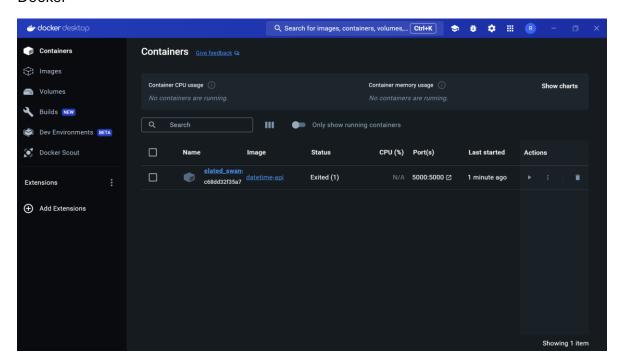
def get_datetime():
    tz = pytz.timezone('UTC') # Puedes ajustar a tu zona horaria preferida now = datetime.now.isoformat(), "timezone": str(now.tzinfo)}

if __name__ == '__main__':
    app.run(host='0.0.0.0', port=5000)
```

Docker File

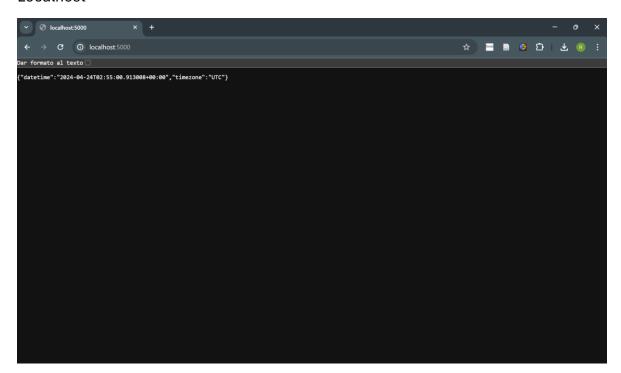


#### Docker

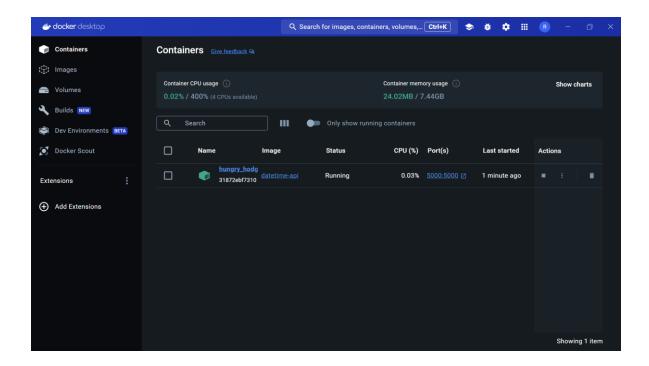


```
👊 Administrador: Símbolo del sistema - docker run -p 5000:5000 datetime-api
                                                                                                                          > [internal] load build definition from Dockerfile
                                                                                                                             0.0s
=> => transferring dockerfile: 159B
=> [internal] load metadata for docker.io/library/python:3.9-slim
                                                                                                                             0.0s
0.7s
  [auth] library/python:pull token for registry-1.docker.io
                                                                                                                             0.0s
0.0s
> [internal] load .dockerignore
> => transferring context: 2B
:> [1/3] FROM docker.io/library/python:3.9-slim@sha256:fd8693fc6115345452a19654c1388bc9a1029cda7b98e1bce45ede67e
                                                                                                                             0.0s
                                                                                                                             0.0s
0.0s
 > => transferring context: 415B
> CACHED [2/3] RUN pip install Flask pytz
> [3/3] COPY app.py /app.py
> exporting to image
                                                                                                                             0.0s
> => exporting layers
> => writing image sha256:45487dfee64414bd95e6a5ed9ab2b1ec9b3eaf67c831785e5550286e44e9e2b0
> => naming to docker.io/library/datetime-api
                                                                                                                             0.05
iew build details: docker-desktop://dashboard/build/default/default/i9nuqw9iwre8o0vivbo2yx3li
View a summary of image vulnerabilities and recommendations → docker scout quickview
:\Users\Usuario Dell\Desktop\terraform_1.8.0_windows_amd64>docker run -p 5000:5000 datetime-api
 Serving Flask app 'app'
 Debug mode: off
RNING: 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://172.17.0.2:5000
```

#### Localhost



Docker corriendo



# Nginx

