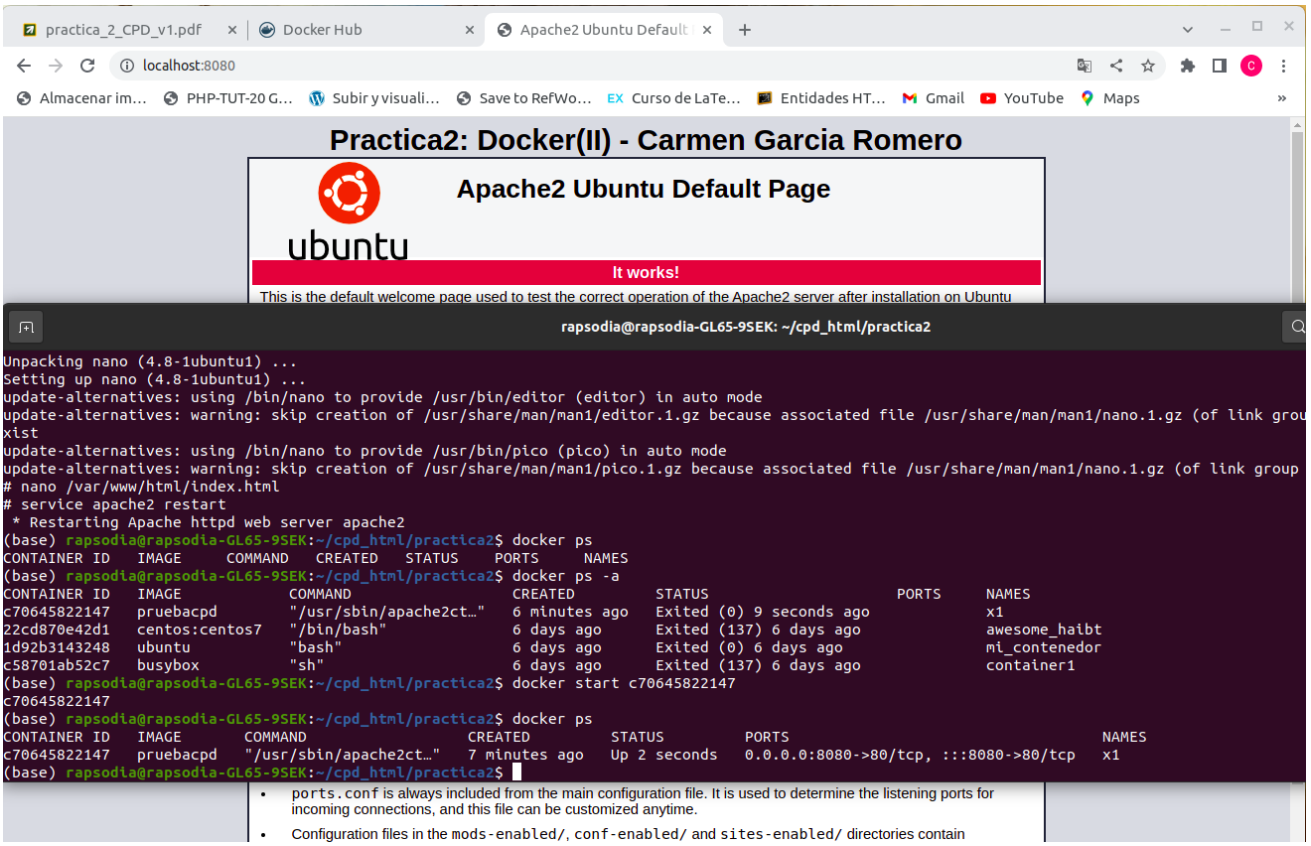
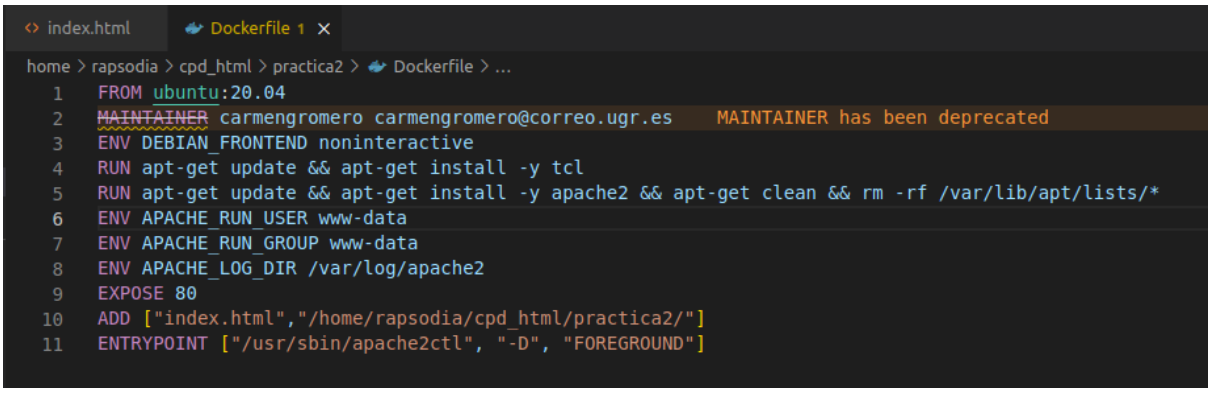
Carmen García Romero

Práctica 2: Docker II

Apartado II)Crear imagen personalizada de Docker con Apache, index modificado



Dockerfile



Index.html modificado

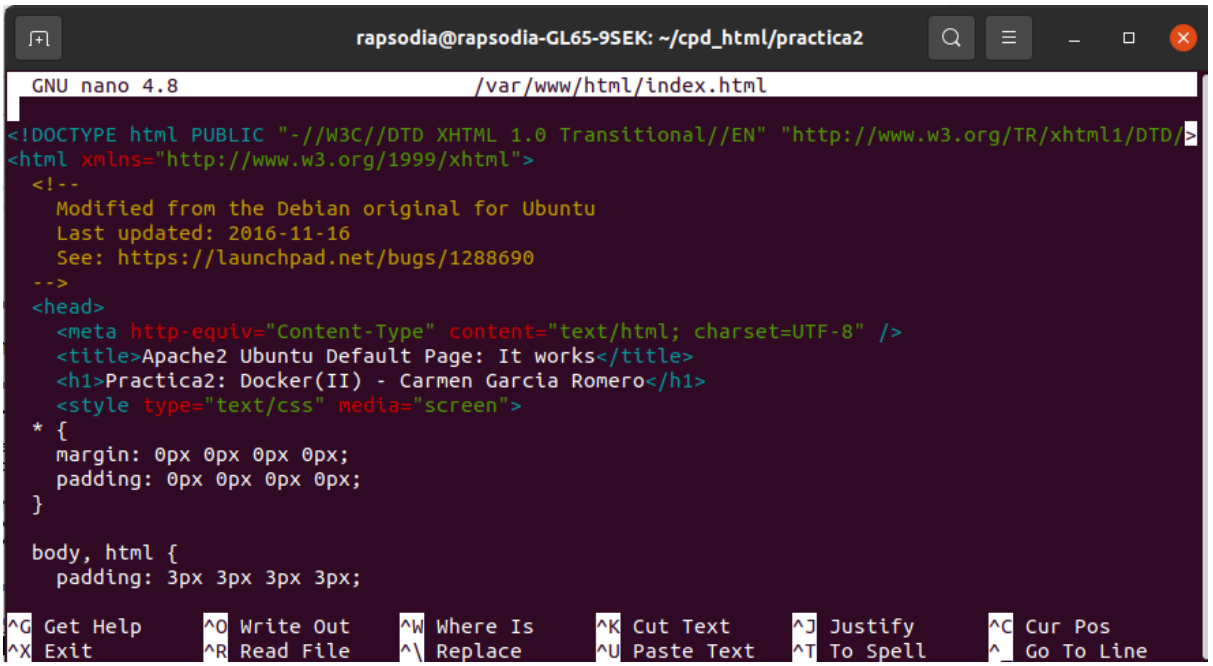
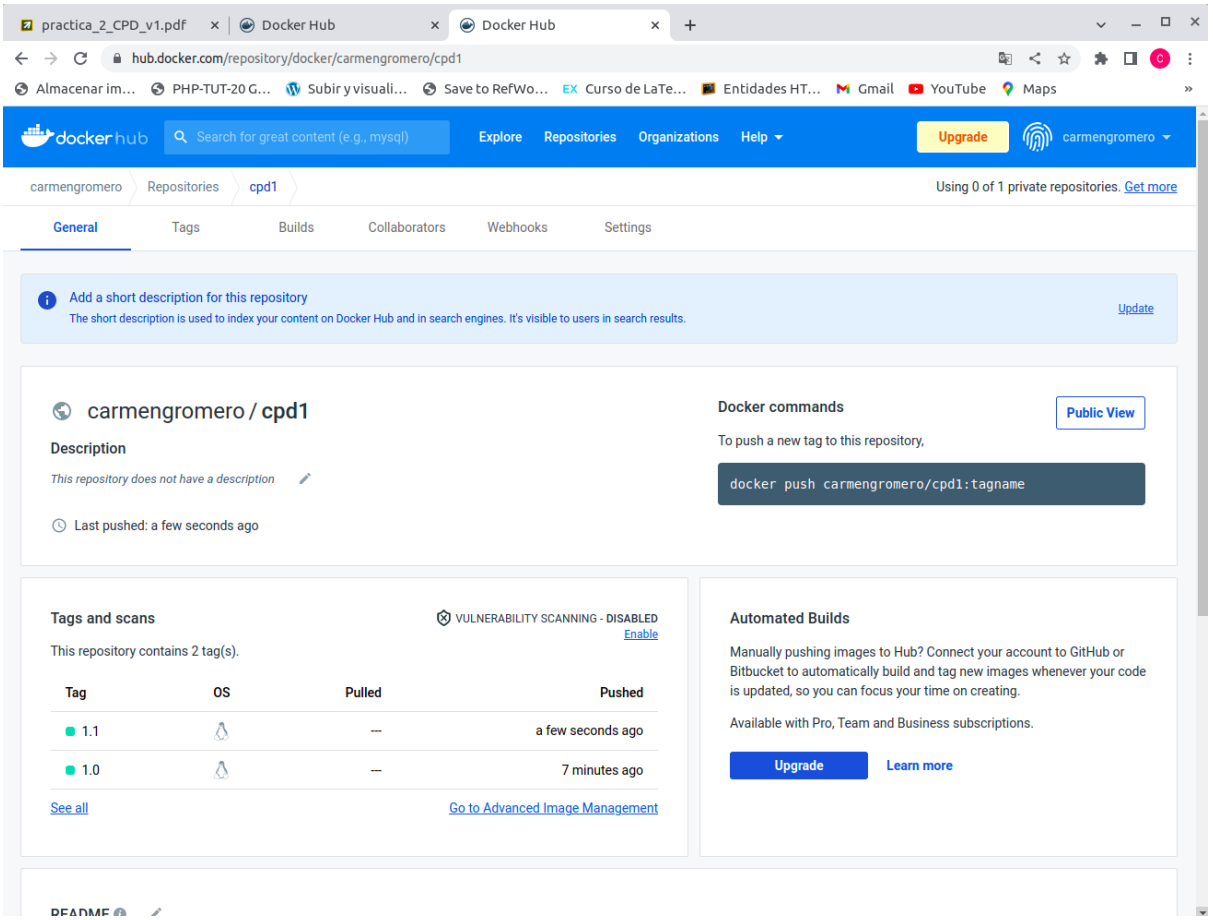


Imagen subida a docker



Dockerfile

index.html | Dockerfile

home > rapsodia > cpd_html > practica2_2 > Dockerfile > ...

```
1  FROM alpine:3.8
2  RUN apk update && \
3   apk add curl && \
4   apk add vim && \
5   apk add git
```

Apartado IV)

Pasos:

- **docker run –name prueba_bench -it --cpus=".5" ubuntu /bin/bash**
- actualizar paquetes e instalar sysbench

- Prueba1: guión

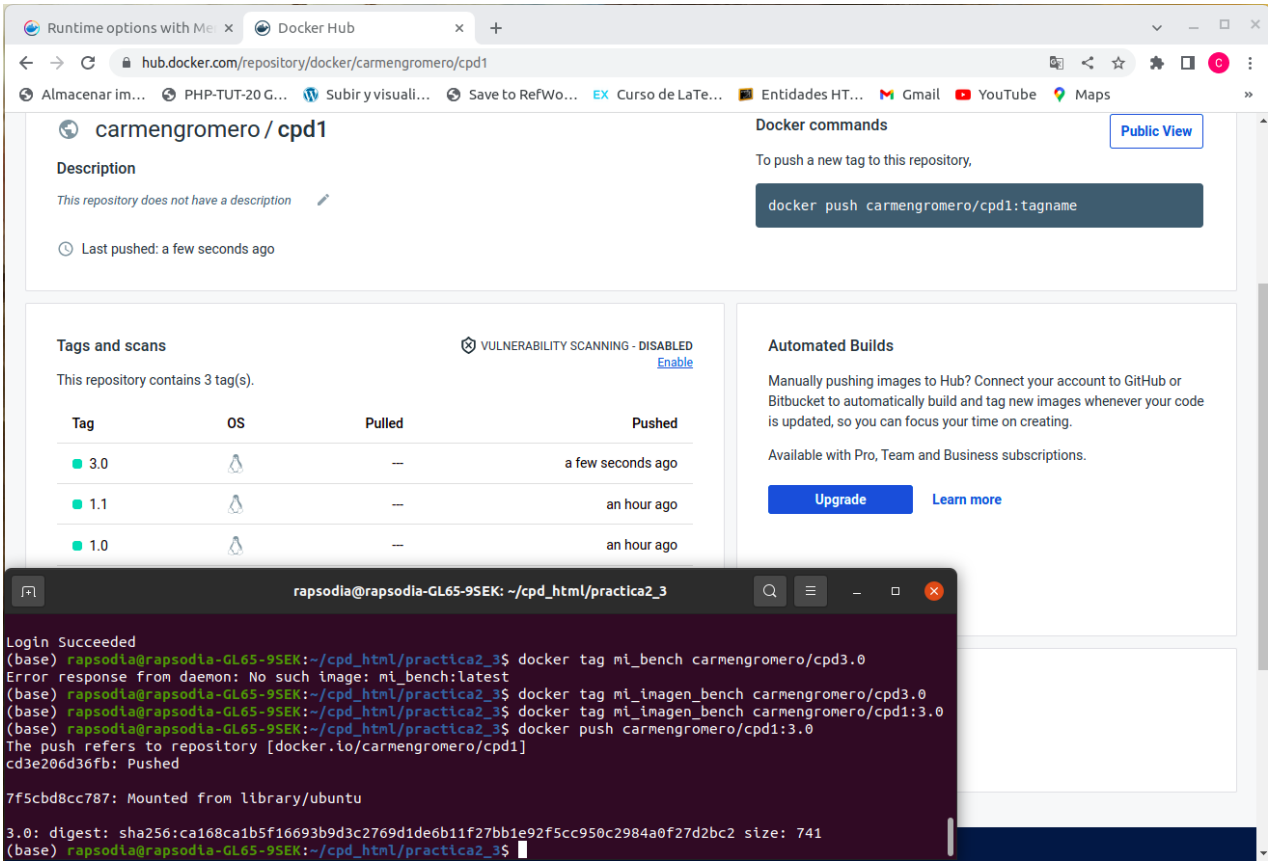
```
root@107e40f201d0:/# sysbench --test=cpu --cpu-max-prime=20000 run
WARNING: the --test option is deprecated. You can pass a script name or path on the command line without any options.
sysbench 1.0.20 (using system LuaJIT 2.1.0-beta3)

Running the test with following options:
Number of threads: 1
Initializing random number generator from current time


Prime numbers limit: 20000

Initializing worker threads...

Threads started!

CPU speed:
    events per second:   237.42

General statistics:
    total time:                          10.0310s
    total number of events:              2383

Latency (ms):
         min:                                    1.62
         avg:                                    4.21
         max:                                   59.63
         95th percentile:                        4.10
         sum:                                10029.34

Threads fairness:
    events (avg/stddev):           2383.0000/0.00
    execution time (avg/stddev):   10.0293/0.00
```

Tiempo 10.0310s

Eventos totales: 2383

- Prueba 2: **docker run –name prueba_bench2 -it --cpus="1.5" ubuntu /bin/bash**

```
root@86e89402d4fa:/# sysbench --test=cpu --cpu-max-prime=20000 run
WARNING: the --test option is deprecated. You can pass a script name or path on the command line without any options.
sysbench 1.0.20 (using system LuaJIT 2.1.0-beta3)

Running the test with following options:
Number of threads: 1
Initializing random number generator from current time


Prime numbers limit: 20000

Initializing worker threads...

Threads started!

CPU speed:
    events per second:   575.07

General statistics:
    total time:                          10.0011s
    total number of events:              5752

Latency (ms):
         min:                                    1.62
         avg:                                    1.74
         max:                                    2.94
         95th percentile:                        1.86
         sum:                                 9999.23

Threads fairness:
    events (avg/stddev):           5752.0000/0.00
    execution time (avg/stddev):   9.9992/0.00
```

Tiempo 10.0011s
Eventos totales: 5752

- **Subimos este segundo contenedor.**
  - docker commit 86e89402d4fa mi_imagen_bench
  - docker tag mi_imagen_bench carmengromero/cpd3.0
  - docker push carmengromero/cpd1:3.0