

Ruby on Rails



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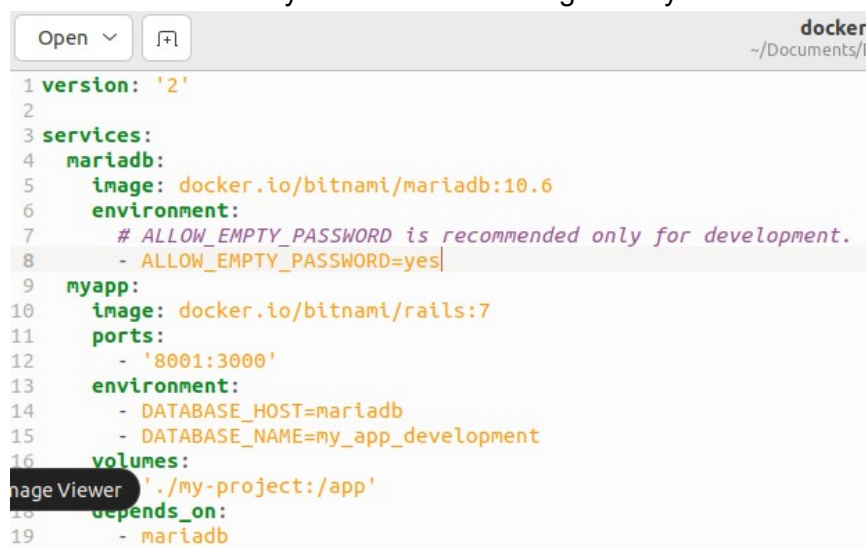
Creación del fichero yml

Nos dirigimos a <https://hub.docker.com/r/bitnami/rails/> donde nos indica que o bien ponemos el siguiente comando : curl -LO

<https://raw.githubusercontent.com/bitnami/containers/main/bitnami/rails/docker-compose.yml> para descargarnos el fichero yml o bien guardamos el fichero directamente [docker-compose.yml](#)

Modificación del fichero yml

Si abrimos el fichero yml nos muestra lo siguiente y modificamos el puerto al 8001



```
1 version: '2'
2
3 services:
4   mariadb:
5     image: docker.io/bitnami/mariadb:10.6
6     environment:
7       # ALLOW_EMPTY_PASSWORD is recommended only for development.
8       - ALLOW_EMPTY_PASSWORD=yes
9   myapp:
10    image: docker.io/bitnami/rails:7
11    ports:
12      - '8001:3000'
13    environment:
14      - DATABASE_HOST=mariadb
15      - DATABASE_NAME=my_app_development
16    volumes:
17      - './my-project:/app'
18    depends_on:
19      - mariadb
```

version: '2' : nos indica la versión

image: docker.io/bitnami/mariadb:10.6 : nos indica la imagen de la base de datos que utiliza y su versión

ALLOW_EMPTY_PASSWORD=yes :nos permite conectarnos a la base de datos sin contraseña

image: docker.io/bitnami/rails:7 : nos indica la app que se utiliza

ports:

- **'3000:3000'** : indica el puerto que en este caso lo debemos modificar al 8001 como se muestra en la imagen del inicio

environment:

- **DATABASE_HOST=mariadb**: indica la base de datos que hace host

- **DATABASE_NAME=my_app_development** : indica el nombre de la base de datos

volumes:

- **'./my-project:/app'** : indica la ruta del volumen

depends_on:



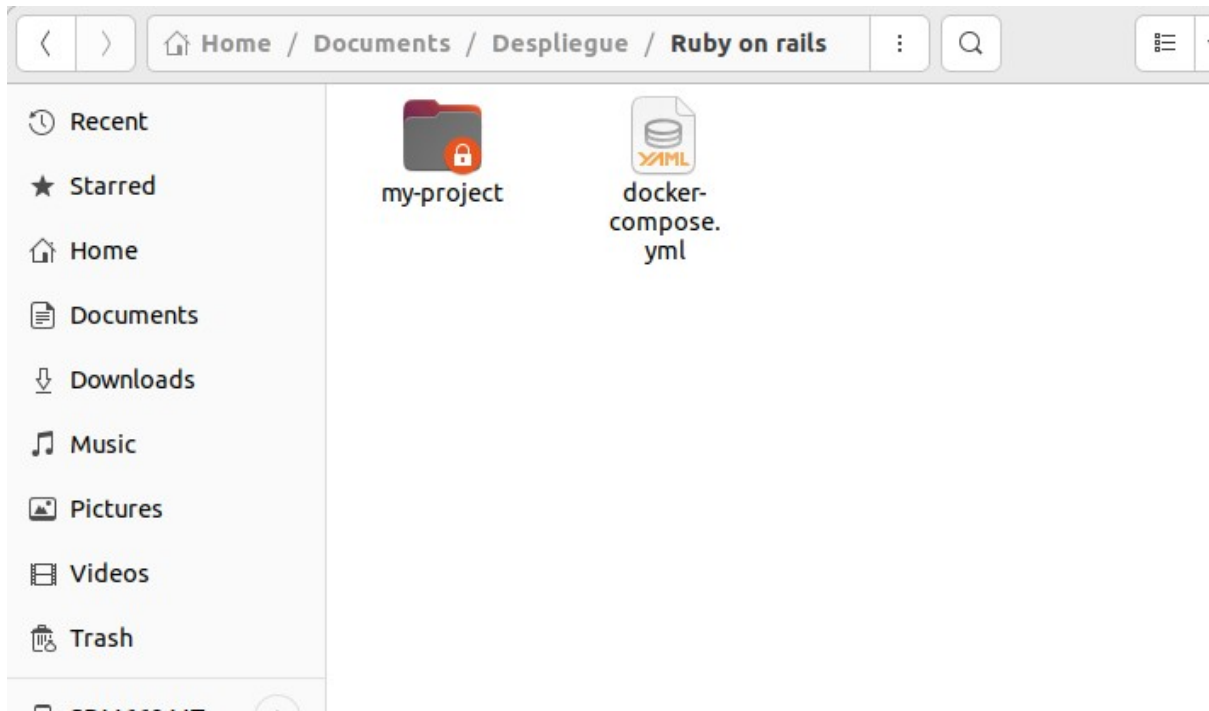
- **mariadb** : indica la dependencia de la app a la base de datos

Ejecución del archivo yml

Ejecutamos el archivo yml con docker-compose up y nos descarga lo necesario para la ejecución del programa como se puede ver en la siguiente imagen

```
estudiante@DAW1: ~/Documents/Despliegue/Ruby on rails$ docker-compose up
Starting rubyonrails_mariadb_1 ... done
Starting rubyonrails_myapp_1 ... done
Attaching to rubyonrails_mariadb_1, rubyonrails_myapp_1
mariadb_1 | mariadb 08:20:27.33 Welcome to the Bitnami mariadb container
mariadb_1 | mariadb 08:20:27.33
myapp_1 | rails 08:20:27.68 Welcome to the Bitnami rails container
myapp_1 | rails 08:20:27.68
mariadb_1 | mariadb 08:20:27.34 Subscribe to project updates by watching https://github.com/bitnami/containers
myapp_1 | rails 08:20:27.68 Subscribe to project updates by watching https://github.com/bitnami/containers
mariadb_1 | mariadb 08:20:27.34 Submit issues and feature requests at https://github.com/bitnami/containers/issues
myapp_1 | rails 08:20:27.68 Submit issues and feature requests at https://github.com/bitnami/containers/issues
mariadb_1 | mariadb 08:20:27.34
myapp_1 | rails 08:20:27.68
mariadb_1 | mariadb 08:20:27.36 INFO ==> ** Starting MariaDB setup **
mariadb_1 | mariadb 08:20:27.38 INFO ==> Validating settings in MYSQL_* /MARIADB_* env vars
mariadb_1 | mariadb 08:20:27.38 WARN ==> You set the environment variable ALLOW_EMPTY_PASSWORD=yes. For safety reasons, do not use this flag
mariadb_1 | mariadb 08:20:27.38 INFO ==> Initializing mariadb database
mariadb_1 | mariadb 08:20:27.39 INFO ==> Updating 'my.cnf' with custom configuration
mariadb_1 | mariadb 08:20:27.40 INFO ==> Setting slow query log option
mariadb_1 | mariadb 08:20:27.40 INFO ==> Setting long query time option
myapp_1 | rails 08:20:27.68 INFO ==> ** Running Rails setup **
mariadb_1 | mariadb 08:20:27.41 INFO ==> Using persisted data
mariadb_1 | mariadb 08:20:27.43 INFO ==> Running mysql upgrade
mariadb_1 | mariadb 08:20:27.44 INFO ==> Starting mariadb in background
Image Viewer | 2022-11-04 8:20:27 0 [Note] InnoDB: Compressed tables use zlib 1.2.11
Image Viewer | 2022-11-04 8:20:27 0 [Note] InnoDB: Number of pools: 1
Image Viewer | 2022-11-04 8:20:27 0 [Note] InnoDB: Using crc32 + pclmulqdq instructions
Image Viewer | 2022-11-04 8:20:27 0 [Note] mysqld: 0 TMPFILE is not supported on /opt/bitnami/mariadb/tmp (disabling future attempts)
Image Viewer | 2022-11-04 8:20:27 0 [Note] InnoDB: Using Linux native AIO
Image Viewer | 2022-11-04 8:20:27 0 [Note] InnoDB: Initializing buffer pool, total size = 134217728, chunk size = 134217728
Image Viewer | 2022-11-04 8:20:27 0 [Note] InnoDB: Completed initialization of buffer pool
Image Viewer | 2022-11-04 8:20:27 0 [Note] InnoDB: 128 rollback segments are active.
Image Viewer | 2022-11-04 8:20:27 0 [Note] InnoDB: Creating shared tablespace for temporary tables
Image Viewer | 2022-11-04 8:20:27 0 [Note] InnoDB: Setting file './ibtmp1' size to 12 MB. Physically writing the file full; Please wait ...
Image Viewer | 2022-11-04 8:20:27 0 [Note] InnoDB: File './ibtmp1' size is now 12 MB.
Image Viewer | 2022-11-04 8:20:27 0 [Note] InnoDB: 10.6.10 started; log sequence number 47156; transaction id 28
```

Una vez que termine la descarga se nos creará un archivo



Comprobación de funcionamiento

Si todo ha salido bien introduciendo la siguiente ruta <http://127.0.0.1:8001> en el navegador nos mostrará el programa de la siguiente manera

