

## U0\_T8: Docker Compose

## Archivo original OLD .YML

```
version: '2'
services:
  mariadb:
    image: docker.io/bitnami/mariadb:10.3
    environment:
      # ALLOW_EMPTY_PASSWORD is recommended only for development.
      - ALLOW_EMPTY_PASSWORD=yes
      - MARIADB_USER=bn_joomla
      - MARIADB_DATABASE=bitnami_joomla
    volumes:
      - 'mariadb_data:/bitnami/mariadb'
  joomla:
    image: docker.io/bitnami/joomla:3
    ports:
      - '80:8080'
      - '443:8443'
    environment:
      - JOOMLA_DATABASE_HOST=mariadb
      - JOOMLA_DATABASE_PORT_NUMBER=3306
      - JOOMLA_DATABASE_USER=bn_joomla
      - JOOMLA_DATABASE_NAME=bitnami_joomla
      # ALLOW_EMPTY_PASSWORD is recommended only for development.
      - ALLOW_EMPTY_PASSWORD=yes
    volumes:
      - 'joomla_data:/bitnami/joomla'
    depends_on:
      - mariadb
volumes:
  mariadb_data:
    driver: local
  joomla_data:
    driver: local
```

## Nuevo archivo .YML

```
docker-compose.yml U X
home > sebas > Escritorio > Despliegue > Unidad 0 > Tarea8 > docker-compose.yml > {} volumes
1  version: '2'
2  services:
3    servicio1:
4      image: docker.io/bitnami/mariadb:10.3
5      container_name: contenedor1
6      environment:
7        # ALLOW_EMPTY_PASSWORD is recommended only for development.
8        - ALLOW_EMPTY_PASSWORD=yes
9        - MARIADB_USER=sebas
10       - MARIADB_DATABASE=despliegue
11      volumes:
12        - 'mariadb_data:/bitnami/mariadb'
13    servicio2:
14      image: docker.io/bitnami/joomla:3
15      container_name: contenedor2
16      ports:
17        - '80:4545'
18        - '443:2020'
19      environment:
20        - JOOMLA_DATABASE_HOST=mariadb
21        - JOOMLA_DATABASE_PORT_NUMBER=3306
22        - JOOMLA_DATABASE_USER=sebas
23        - JOOMLA_DATABASE_NAME=despliegue
24        # ALLOW_EMPTY_PASSWORD is recommended only for development.
25        - ALLOW_EMPTY_PASSWORD=yes
26      volumes:
27        - 'joomla_data:/bitnami/joomla'
28        - '/home/saludo/./bitnami/joomla/html/'
29      depends_on:
30        - servicio1
31  volumes:
32    mariadb_data:
33      driver: local
34    joomla_data:
35      driver: local
```

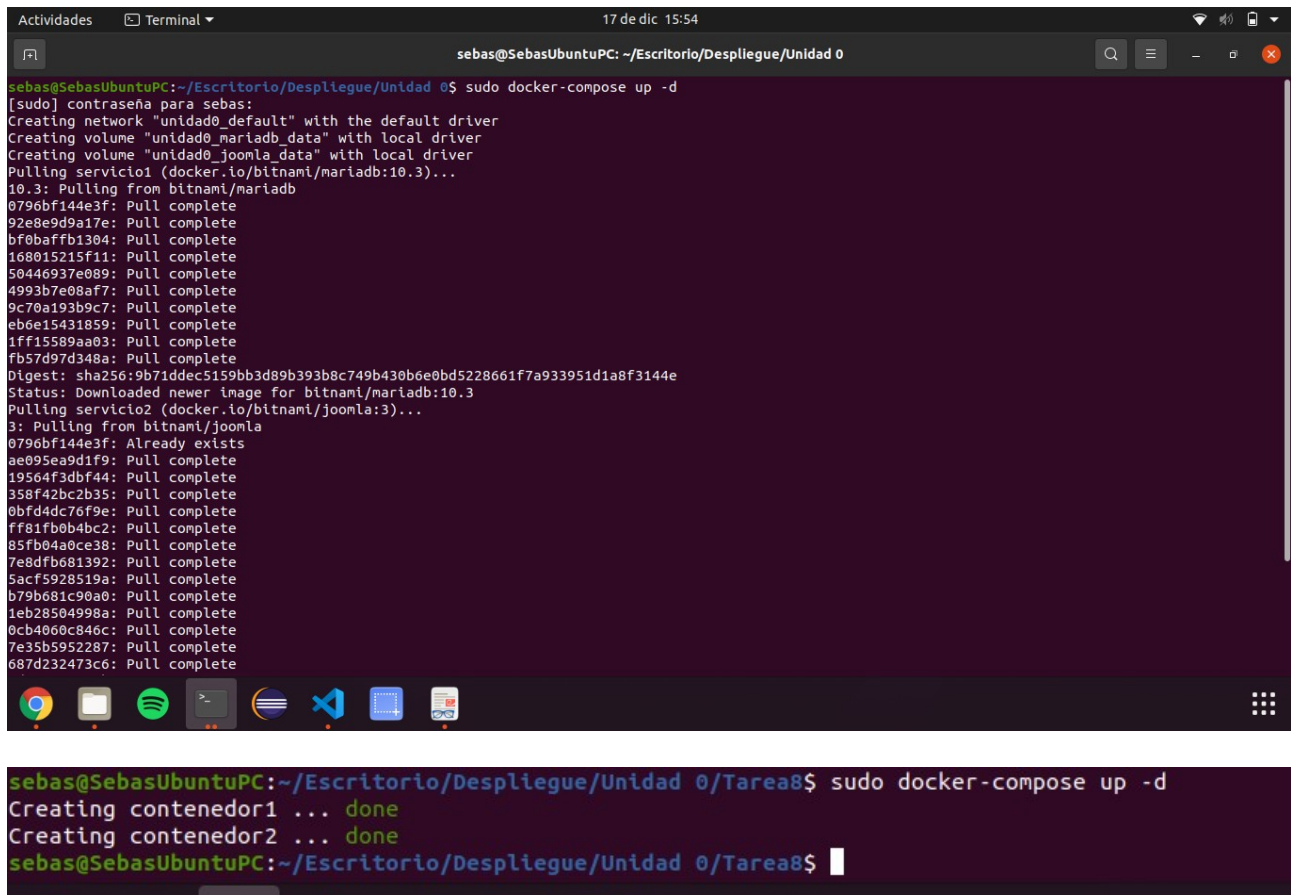
```

    depends_on:
      - servicio1
  volumes:
    mariadb_data:
      driver: local
    joomla_data:
      driver: local

```

- 1.- Se cambia los nombres de los servicios.
- 2.- Ponemos nombres a los contenedores con una nueva etiqueta 'container\_name'.
- 3.- Se modifica los puertos de la parte web.
- 4.- Se cambia el USER y NAME de los 'environment'.
- 5.- Se añade Bind Mount a la línea de 'volumes'.

sudo docker-compose up -d



```

sebas@SebasUbuntuPC: ~/Escritorio/Despliegue/Unidad 0
[sudo] contraseña para sebas:
Creating network "unidad0_default" with the default driver
Creating volume "unidad0_mariadb_data" with local driver
Creating volume "unidad0_joomla_data" with local driver
Pulling servicio1 (docker.io/bitnami/mariadb:10.3)...
10.3: Pulling from bitnami/mariadb
0790bf144e3f: Pull complete
92e8e9d9a17e: Pull complete
bf0baffb1304: Pull complete
168015215f11: Pull complete
50446937e089: Pull complete
4993b7e08af7: Pull complete
9c70a193b9c7: Pull complete
eb6e15431859: Pull complete
1ff15589aa03: Pull complete
fb57d97d348a: Pull complete
Digest: sha256:9b71dddec5159bb3d89b393b8c749b430b6e0bd5228661f7a933951d1a8f3144e
Status: Downloaded newer image for bitnami/mariadb:10.3
Pulling servicio2 (docker.io/bitnami/joomla:3)...
3: Pulling from bitnami/joomla
0790bf144e3f: Already exists
ae095ea9d1f9: Pull complete
19564f3dbf44: Pull complete
358f42bc2b35: Pull complete
0bfd4dc76f9e: Pull complete
ff81fb0b4bc2: Pull complete
85fb04a0ce38: Pull complete
7e8dfb681392: Pull complete
5acf5928519a: Pull complete
b79b681c90a0: Pull complete
1eb28504998a: Pull complete
0cb4060c846c: Pull complete
7e35b5952287: Pull complete
687d232473c6: Pull complete
sebas@SebasUbuntuPC:~/Escritorio/Despliegue/Unidad 0/Tarea8$ sudo docker-compose up -d
Creating contenedor1 ... done
Creating contenedor2 ... done
sebas@SebasUbuntuPC:~/Escritorio/Despliegue/Unidad 0/Tarea8$

```