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# Docker compose commands

## Docker compose commands

Go to the folder where the **docker-compose.yaml** file is located, where you can execute the **docker compose commands**.

```
cd soffid4compose
```

In this tutorial, all commands are without sudo, if you need sudo do the [Use docker without sudo](#).

Check the **version**.

```
docker compose version
```

Create or **upgrade** the **containers**, you must do it every time you modify the docker-compose.yaml file.

```
docker compose up -d
```

**Check** containers.

```
docker compose ps
```

Start, restart and stop a container

```
docker compose stop console  
docker compose start console  
docker compose restart console
```

**Start, restart** or **stop** all containers

```
docker compose stop  
docker compose start
```

```
docker compose restart
```

View the console **logs**.

```
docker compose logs -f console
```

**Destroy** the containers

```
docker compose down
```

**Enter** into a container

```
docker compose exec -it console bash
```

Copy a file into a container

```
docker compose cp /soffid/mariadb-backup.sql mariadb:/tmp
```

## Use docker without sudo

Follow the next steps.

| Command                             | Comment   |
|-------------------------------------|---|
| <code>sudo gedit /etc/group</code>  | Edit the file with your editor (gedit for this example)             |
| <code>docker:x:988:YOUR-USER</code> | Add YOUR-USER at the end of the docker command without : at the end |
| <code>logout</code>                 | Log out from the ubuntu session                                     |
| <code>login</code>                  | Log in into the ubuntu session                                      |
| <code>docker ps</code>              | Confirm that you do not need to use sudo with a docker command      |

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