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** or **stop** all containers

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

Start, **restart** and **stop** a container

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

Start, **restart** or **stop** only some containers

```
docker compose stop mariadb console syncserver
docker compose start mariadb console syncserver
docker compose restart mariadb console syncserver
```

View the console **logs**.

```
docker compose logs -f console
docker compose logs --since=10m console
docker compose logs --since=1m -f console
```

Undestroy the containers

```
docker compose down
```

Undestroy the one or more containers

```
docker compose down console
docker compose down console syncsever
```

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
```

Some docker commands

Query to find the docker container names

```
docker ps
```

Inspect a container

```
docker inspect soffid4-console-1
```

Export and **import** an image

sudo docker save IMAGE_NAME -o FILE_NAME

Example:

sudo docker save soffid/iam-console:3.6.12 -o console3612

docker load -i /PATH/IMAGE_NAME

Example:

docker load -i /home/soffid02/console3612

Use docker without sudo

Follow the next steps.

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

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