create a db image

* docker run --name db -e MYSQL\_ROOT\_PASSWORD=test -d -p 3306:3306 mariadb (last is the image)

[container (db) is instance of image (mariadb)]

[simulate database outside the app, as if its on a different server]

[Interact with mariaDB]

[Make a container that connects to container, connect to it and use mysql command to connect to it.] (means to connect to original container)

(--link db is connected and called mysql in mysql-client)

* docker run --name mysql-client -it --link db:mysql --rm mariadb sh -c 'exec mysql -uroot -ptest -hmysql'

exit Lets one exit from database

--rm destroyed client after finished with it

Have dockerfile to build an image with:

* Docker build –t flask\_blog .

Have the docker db running.

* Docker start db (container name)

To run container based on image

* Docker run –id –p 5000:5000 –v /c/users/Aaron/Desktop/apps/master\_flask:/opt/master\_flask/ –name master –link db:mysql master\_flask bash

[access to docker image]

* Docker exec –it masterclass bash

Got it running!

I have flask running on 0.0.0.0 and open on docker 192.168.99.100:5000