MySql master slave replication with Docker.

First you pull the next image from docker hub:

docker pull actency/docker-mysql-replication

Then you start two different containers of that image. One for the master and the other for the slave:

Master:

docker run -d \

--name mysql\_master \

-v /data/mastermysql:/var/lib/mysql \

-e MYSQL\_ROOT\_PASSWORD=mysqlroot \

-e MYSQL\_USER=example\_user \

-e MYSQL\_PASSWORD=mysqlpwd \

-e MYSQL\_DATABASE=example \

-e REPLICATION\_USER=replication\_user \

-e REPLICATION\_PASSWORD=myreplpassword \

actency/docker-mysql-replication:5.7

Slave:

docker run -d \

--name mysql\_slave \

-v /data/slavemysql:/var/lib/mysql \

-e MYSQL\_ROOT\_PASSWORD=mysqlroot \

-e MYSQL\_USER=example\_user \

-e MYSQL\_PASSWORD=mysqlpwd \

-e MYSQL\_DATABASE=example \

-e REPLICATION\_USER=replication\_user \

-e REPLICATION\_PASSWORD=myreplpassword \

--link mysql\_master:master \

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The following command shows the replication status:

docker exec -it mysql\_slave mysql -uroot -pmysqlroot -e "SHOW SLAVE STATUS\G;"