

Install and setup SQL server on docker

▼ Type	Database
▼ Status	Archived
🔗 URL	
🕒 Updated	@October 20, 2022 11:52 AM
🕒 Created	@October 20, 2022 7:03 AM
▼ Client	Internal
▼ ProjectId	

How to setup a SQL server on Docker

1. Install Docker Desktop - <https://docs.docker.com/get-docker/>
2. In your terminal download docker image for sql server `docker pull mcr.microsoft.com/mssql/server` or `docker pull mcr.microsoft.com/azure-sql-edge`
3. Run your new docker image
`docker run --name dockersql -e 'ACCEPT_EULA=Y' -e 'SA_PASSWORD=Str0ngPa$$w0rd' -p 1433:1433 -d mcr.microsoft.com/mssql/server`

Other commands

If you want your container to restart on ex. startup

```
docker update --restart unless-stopped <containerName>
```

umddata-8903da is the container name

```

$ # docker container ls --all
CONTAINER ID   IMAGE                                COMMAND                  CREATED        STATUS        PORTS                               NAMES
6388f811b0ee   backend-umbweb-8903da              "dotnet web.dll"        8 days ago    Up Less than a second              0.0.0.0:5000->80/tcp              umbweb-8903da
d8492f6ddcce   backend-umbdata-8903da            "/bin/bash startup.s-"  8 days ago    Up 19 minutes    1401/tcp, 0.0.0.0:1433->1433/tcp    umbdata-8903da
5b8e541c1278   mcr.microsoft.com/mssql/server:2019-GDR1-ubuntu-16.04 "/opt/mssql/bin/per-"  2 months ago    Up 19 minutes    0.0.0.0:1433->1433/tcp              dockersql

```

See all containers

```
docker container ls --all
```