

ATIVIDADE 8 - IMPLEMENTAR UM CONTAINER COM MYSQL

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TURMA: P8 – INFORMÁTICA

1. Baixando a imagem do mysql:

```
claudiney@Claudiney-Dutra: /mnt/c/Windows/system32
claudiney@Claudiney-Dutra:/mnt/c/Windows/system32$ docker ps
CONTAINER ID   IMAGE     COMMAND   CREATED   STATUS    PORTS     NAMES
claudiney@Claudiney-Dutra:/mnt/c/Windows/system32$ docker images
REPOSITORY    TAG       IMAGE ID   CREATED   SIZE
claudiney@Claudiney-Dutra:/mnt/c/Windows/system32$ docker pull mysql
Using default tag: latest
latest: Pulling from library/mysql
0bb5c0c24818: Pull complete
cbb3106fbb5a: Pull complete
550536ae1d5e: Pull complete
33f98928796e: Pull complete
a341087c9ff11: Pull complete
0e26ac5b33f6: Pull complete
c883b83a7112: Pull complete
873af5c876c6: Pull complete
8fe8ebd061d5: Pull complete
7ac2553cf6b4: Pull complete
ad655e218e12: Pull complete
Digest: sha256:96439dd0d8d085cd90c8001be2c9dde07b8a68b472bd20efcbe3df78cff66492
Status: Downloaded newer image for mysql:latest
docker.io/library/mysql:latest
claudiney@Claudiney-Dutra:/mnt/c/Windows/system32$
```

2. Verificando se a imagem do mysql foi instalada com sucesso:

```
claudiney@Claudiney-Dutra: /mnt/c/Windows/system32
claudiney@Claudiney-Dutra:/mnt/c/Windows/system32$ docker images
REPOSITORY    TAG       IMAGE ID   CREATED   SIZE
mysql         latest    3842e9cdffd2  9 days ago  538MB
mcr.microsoft.com/mssql/server  2022-latest  010a534cdc79  2 months ago  1.6GB
mcr.microsoft.com/mssql/server  2019-latest  4885f6112d74  2 months ago  1.47GB
hello-world   latest    feb5d9fea6a5  14 months ago  13.3kB
mysql         5.5      d404d78aa797  3 years ago  205MB
claudiney@Claudiney-Dutra:/mnt/c/Windows/system32$
```

3. Criando o container mysql e verificando com docker ps:

```
claudiney@Claudiney-Dutra: /mnt/c/Windows/system32
claudiney@Claudiney-Dutra:/mnt/c/Windows/system32$ docker run -e MYSQL_ALLOW_EMPTY_PASSWORD=yes
--name atv-mysql -d mysql
8e1dd2358c107cbe54ab4a2a5d9dbe4e1bf8e809062940dd5a54650fea6b56a
claudiney@Claudiney-Dutra:/mnt/c/Windows/system32$ docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS
NAMES
8e1dd2358c10   mysql    "docker-entrypoint.s..." 44 seconds ago Up 42 seconds 3306/tcp, 33060/tcp
atv-mysql
claudiney@Claudiney-Dutra:/mnt/c/Windows/system32$
```

4. Acessando o mysql dentro do container:

```
claudiney@Claudiney-Dutra: /mnt/c/Windows/system32
claudiney@Claudiney-Dutra:/mnt/c/Windows/system32$ docker ps
CONTAINER ID   IMAGE     COMMAND                  CREATED        STATUS        PORTS
NAMES
8e1dd2358c10   mysql    "docker-entrypoint.s..." 6 minutes ago Up 6 minutes 3306/tcp, 33060/tcp
atv-mysql
claudiney@Claudiney-Dutra:/mnt/c/Windows/system32$ docker exec -it atv-mysql bash
bash-4.4# mysql -u root
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.31 MySQL Community Server - GPL

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Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

5.