Mongo CLI

- Basic Commands
- Backup & Restore Data

Basic Commands

The following quick commands can be executed in the MongoDB shell. To do this, you must connect to the server or container and call the CLI with the correct authorizations:

```
mongo
```

List Databases

```
show dbs;
```

Use Database

```
use <yourdatabasename>;
```

List Collections

```
show collections;
```

Use Collection

```
use <yourcollectionname>;
```

Show all Entries

```
use <yourdatabasename>;
db.<yourcollectionname>.find();
```

Delete Database

```
use <yourdatabasename>;
db.dropDatabase();
```

Delete Collection

```
use <yourdatabasename>;
db.<yourcollectionname>.drop();
```

Insert Data

```
use <yourdatabasename>;
db.<yourcollectionname>.insertOne({"id":"123456789","name":"test","email":"test@test","passwor
d":"p49QSIBnEtJA3lD8kH5NYe"})
```

Duplicate Database

```
use <yourdatabasename>;
db.<yourcollectionname1>.find().forEach(function(d){
db.getSiblingDB('<yourcollectionname2>')['<yourcollectionname1>'].insert(d); });
```

Backup & Restore Data

With these commands, entire database instances as well as individual collections can be backed up and restored correctly. There are several options for the level at which this can be done.

Backup

The following command backups the entire instance of MongoDB with all databases and collections including their contents.

```
mongodump --host="<yourmognodbinstance>:<yourmongodbport>" --port=<yourmongodbport> -o "<youroutputpatchforbackupfiles>"
```

If you only want to back up a single database, you can add the name to the path.

```
mongodump --host="<yourmognodbinstance>:<yourmongodbport>/<yourdatabasename>" --port=<yourmongodbport> -o "<youroutputpatchforbackupfiles>"
```

Restore

Import data to Collection

```
mongorestore -d <yourdatabasename> -c <yourcollectionname> <yourpathtosinglebsonfile>
```

Restore single Collection

```
mongorestore --drop -d <yourdatabasename> -c <yourcollectionname> "<yourpathtosinglebsonfile>"
```

Restore complete Database

```
mongorestore -d <yourdatabasename> "<yourpathtodatabasebackupfolder>"


// SAME FOR WINDOWS
.\mongorestore.exe --uri "mongodb://<yourmognodbinstance>:<yourmongodbport>" -d
```

```
<yourdatabasename> "<yourpathtodatabasebackupfolder>"
```