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# Commands reference

## Check if the database has been created

```
clickhouse-client --query="show databases" | grep qoestor
```

## Delete DB schema

**All data will be deleted!**

```
clickhouse-client --query="drop database qoestor"
```

## Create / update database schema

```
fastor-db-scheme
```

## Restarting receivers and configuration

```
fastor-restart
```

## Stopping receivers

```
fastor-stop
```

## Database restart

```
fastor-db-restart
```

## Stop the DB

```
fastor-db-stop
```

## Controlling receivers separately

### Restarting receivers

If you need to restart the receivers separately, this can be done by restarting the services, for example

- On CentOS 7

```
systemctl restart qoestor_fullflow_0.service  
systemctl restart qoestor_clickstream_0.service
```

- On CentOS 6

```
service qoestor_fullflow_0 stop  
service qoestor_clickstream_0 stop  
service qoestor_fullflow_0 start  
service qoestor_clickstream_0 start
```

## Stopping receivers

- On CentOS 7

```
systemctl stop qoestor_fullflow_0.service  
systemctl stop qoestor_clickstream_0.service
```

- On CentOS 6

```
service qoestor_clickstream_0 stop  
service qoestor_fullflow_0 stop
```

## Check if the DB is working

```
ps aux | grep clickhouse
```

## Check if receivers are running

```
ps aux | grep ipfix
```

## Check if the receivers are listening to the ports and if there is a connection

```
netstat -nlpa | grep 1500  
netstat -nlpa | grep 1501
```

## Check if there is data in the database

```
clickhouse-client --query="select count(), min(flow_start_time),  
max(flow_start_time) from qoestor.fullflow"
```

```
clickhouse-client --query="select count(), min(time), max(time) from  
qoestor.clickstream"
```

