basic commands

rename field

```
db.col lec tio n.u pda te({}, {$rena me: {"ol dna me": "new nam e"}},
false, true);
```

create index

```
db.col.cr eat eIndex( { " att r1":1, " att r2":1}, { name: " ind exN am
e " } )
```

Conversion

convert Long to Float in place

```
 db.col.up dat eMany( {},[ { $set: { " att r1" : { $trunc: [ " $at tr1 ", 4 ] } } }
] );
```

convert Long to Float into new collection

```
db.col.ag gre gate([ { $set: { " att r1" : { $trunc: [ " $at tr1 ", 4 ] } } },
  { $out: " out Col lec tio n"} ]);
```

Data xfer

output json from SQL server

```
/opt/m ssq l-t ool s/b in/bcp " select * from dbname.db o.Table FOR JSON PATH" queryout ./outp ut.json -c  -
-P " pas swd "
```

remove linefeeds from output

```
pv output.json |tr -d " \n" > output _no lf.json
```

import to mongo

```
mongoi mport --host mongo.s er ver.com --db db_name --coll ection col_name --file " out put  _no lf.j so n" -
rk ers=16
```

import csv to sql with bcp

```
/opt/m ssq l-t ool s/b in/bcp table in csvfil e.csv  -d database -S "127.0.0.1" -U " sa" -P " pas swo rd
```

mongodump / mongorestore

export database

```
dump mongodump --db db_name --out /path_ of_ you r_b ack up/ \date +"%m -
-%d -%y "
```

import database

```
mongor estore --db db_name --drop /path_ of_ you r_b ack up/ 01- 01- 19/
 db_ name/
```

BSON Types

Type	BSON	Alias
Double	1	double
String	2	string
Object	3	object
Array	4	array
ObjectID	7	objectid
Boolean	8	bool
Date	9	date
Null	10	null
JavaScript	13	javascript
32-Bit Int	16	int
Timestamp	17	timestamp
64-bit Int	18	long
Decimal 128	19	decimal

System

Check Index Creation Progress

```
 db.cur ren tOp (tr ue).in pro g.f orE ach (fu nct i
```

Set Runtime Wired Tiger Cache Size

```
db.get Sib lin gDB ("ad min " ).r unC omm and({ setPa
ac he_ siz e=9 0G" });
```

Linux Commands

time process has been running

```
ps -p [PID-HERE] -o etime
```

find pid of process

```
pidof openvpn
```

By **djackson405**

Not published yet.
Last updated 6th May, 2020.
Page 1 of 1.

cheatography.com/djackson405/