

basic commands	BSON Types		
rename field	Type	BSON	Alias
<code>db.col.lecture.update({}, {\$rename: {"oldname": "newname"}}, false, true);</code>	Double	1	double
create index	String	2	string
<code>db.col.createIndex({"attr1":1, "attr2":1}, {name: "indexname" })</code>	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
Conversion			
convert Long to Float in place			
<code>db.col.updateMany({}, [{ \$set: { "attr1" : { \$truncate: [" \$attr1 ", 4] } } }]);</code>			
convert Long to Float into new collection			
<code>db.col.aggregate([{ \$set: { "attr1" : { \$truncate: [" \$attr1 ", 4] } } }, { \$out: "outcollection" }]);</code>			
Data xfer			
output json from SQL server	System		
<code>/opt/mssql-tools/bin/bcp "select * from dbname.dbname.Table FOR JSON PATH" queryout ./output.json -c -P "password"</code>	Check Index Creation Progress		
remove linefeeds from output	Set Runtime Wired Tiger Cache Size		
<code>pv output.json tr -d "\n" > output_nof.json</code>	<code>db.getSiblingDB("admin").runCommand({setParameter: {ac he_ size=90G}});</code>		
import to mongo	Linux Commands		
<code>mongoimport --host mongo.server.com --db db_name --collection col_name --file "output_nof.json" --replace=16</code>	time process has been running		
import csv to sql with bcp	find pid of process		
<code>/opt/mssql-tools/bin/bcp table in csvfile.csv -d dbname -s 'FILE' -o 'table' -U 'sa' -P 'password'</code>	pidof openvpn		
mongodump / mongorestore			
export database			
<code>mongoexport --db db_name --out /path_of_your_backup/ \date +%m-%d-%y "</code>			
import database			
<code>mongorestore --db db_name --drop /path_of_your_backup/ 01-01-19/db_name/</code>			



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