Mongodb cheatsheet

Swipe

mongoDB.

Basic commands

mongo	Start Mongo

show dbs	Show databases

use mydb	User database named "mydb"

db	Show selected database
help	Get help
show collections	Show collections from a database

To find in db

Finds - db.collection .find()	Displays documents from "collection" (first 10)
.find(query[,fields])	Find all documents by conditions, with optional fields selection
.findOne(query)	Find one document by conditions

.find(query) .limit(n:number)	Find n document by conditions
.find().pretty()	Format results in Mongo Shell
.find().sort(key:1l-1)	Sort by key in ascending (1) or descending (-1) order
.find().skip(5)	Skip 5 documents (similar to offset)

Modify

.insert(document(s) [,options])	Insert a new document or multiple documents(if provided an array of documents) in the collection.
..update(query, update [,options])	Update the documents matched by the query. See update operators.
Remove some documents from a collection. {} for all.	options: {justOne, writeConcern}
.deleteOne(query), deleteMany(query)	Similar to remove

Queries

_id	Search by ID

key: value	Search through key-value combination { subkey: value }

Search with subdocument	$in : [e1, e2, ..]

Search IN Array	queries are represented through JSON objects

Query Selectors

$exists:Boolean	Check if property exists or not
$mod:[D,R]	Checks if a property divided by D has the specified R
$type:Int	Checks if property is the specified type

Query Selectors : Comparison

$gt:Val	Greater then Val

$gte:Val	Greater then equals Val

$lt:Val	Lower then Val

$lte:Val	Lower then equals Val
$in:Array	Elements with values contained in Array
$nin:Array	Elements with values Not contained in Array
$ne:Val	Not equal

Query Selectors : Logical

$and:AOE	AND operation between all AOE expressions
$nor:AOE	all AOE expressions must fail
$not:Expr	Negate a SubDocument (doesn't work with $regex)
$or:AOE	OR operation between all AOE expressions

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