Cheatography

mongoengine Cheat Sheet

by amicheletti via cheatography.com/39488/cs/12309/

MongoDB Basic - CLI

`mongod`	Start the Database
`mongo`	Start the `mongo command line`
`show dbs`	Show the databases
`use db`	Use the database named `db`
`show collec tion s`	Display the current database `collec tion s`

Finds - db.collection

`db.col lec tio n.f ind()`	Displays documents from `col - l ec tio n` (first 10)
`it`	Iterate the last command
`.find( query [,fields] )`	Find one document by conditions
`.find( ).l imi t(n :nu m ber)`	Find n documents
`.find( ).p r etty()`	Format results in Mongo Shell
`.find( ).s ort (ke y:1|- 1)`	Sort by key in ascending (1) or descending (-1) order
`.find( ).s k ip(5)`	Skip 5 documents (similar to offset)

Modify - db.collection

`.inser t(d ocu ment(s) [,opti ons ])`	Insert a new document or multiple documents(if provided an array of documents) in the collection. Options: writeConcern, ordered
`.inser tO n e (d ocu ment, [,opti ons])`	
`.inser tM a n y( array of documents, [,opti ons] )`	
`.updat e( q uery, update [,opti - ons])`	Update the documents matched by the query. Options: upsert(i-nsert if no match), multi(aply to multiple elements), writeC-oncern

Modify - db.collection (cont)

`.remov e( query [,opti - ons])`	Remove some documents from a collection. {} for all. options: { justOne, writeConcern }
`.delet eO n e (q uery)`	Same as above
`delete Ma n y (q uery)`	Same as above

Mongoengine - Python

`from mongoe ngine import *`	
`connec t(' tum ble log')`	Connect to a database
`class MyDocu men t(D ocu ment)`	Define a Document
`class MyDocu men t(E mbe dde dDo c ument)`	Define a Document
`obj = MyDocu men t(f iel d=v alue)`	Instantiate a Document
`obj.save()`	Save the new Document
---------- Fields ----------	
`String Field`	`ListFi eld (typ e)`
`Refere nce Fie ld( doc ument)`	`FloatField`
`Embedd edD ocu men tFi eld (do cum ent _class)`	
http://docs.mongoengine.org/apireference.html#fields	
---------- Field Args ----------	
`requir ed=True`	Optional Argument
`max_le ngt h=120`	Optional Argument
`primar y_k ey=True`	Optional Argument
`meta = {'allo w_i nhe rit ance': True}`	
`revers e_d ele te_ rul e=C ASCADE`	
---------- Querying ----------	
`MyDocu men t.o bjects`	List of documents
`MyDocu men t.o bje cts (ke y=v alu e)`	List of Documents with query
`MyDocu men t.o bje cts.co unt()`	Count Documents
`MyDocu men t.o bje cts (ke y__ op= value)`	Query `key` with operator `__op`
http://docs.mongoengine.org/guide/querying.html	

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