

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 collection	Display the current database collection

Finds - db.collection

db.collec tion.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 M a 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
Embe dde dD 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 bje cts	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	

