

### 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 collections	Display the current database collections

### Finds - db.collection

db.collection.find()	Displays documents from collection (first 10)
it	Iterate the last command
.find( query [,fields] )	Find one document by conditions
.find().limit(n: number)	Find n documents
.find().pretty()	Format results in Mongo Shell
.find().sort(key:1   -1)	Sort by key in ascending (1) or descending (-1) order
.find().skip(5)	Skip 5 documents (similar to offset)

### Modify - db.collection

.insert( document(s) [,options])	Insert a new document or multiple documents(if provided an array of documents) in the collection. Options: writeConcern, ordered
.insertOne( document, [,options])	
.insertMany( array of documents, [,options])	
.update( query, update [,options])	Update the documents matched by the query. Options: upsert(insert if no match), multi(apply to multiple elements), writeConcern
.remove( query [,options])	Remove some documents from a collection. {} for all. options: { justOne, writeConcern }
.deleteOne( query)	Same as above
deleteMany( query)	Same as above

### Mongoengine - Python

from mongoengine import *	
connect('tumblelog')	Connect to a database
class MyDocument(Document)	Define a Document
class MyDocument(EmbeddedDocument)	Define a Document
obj = MyDocument(field=value)	Instantiate a Document
obj.save()	Save the new Document

### ----- Fields -----

StringField	ListField(type)
ReferenceField(document)	FloatField
EmbeddedDocumentField(document_class)	

<http://docs.mongoengine.org/apireference.html#fields>

### ----- Field Args -----

required=True	Optional Argument
max_length=120	Optional Argument
primary_key=True	Optional Argument

meta = {'allow\_inheritance': True}

reverse\_delete\_rule=CASCADE

### ----- Querying -----

MyDocument.objects	List of documents
MyDocument.objects(key=value)	List of Documents with query
MyDocument.objects.count()	Count Documents
MyDocument.objects(key__op=value)	Query key with operator

<http://docs.mongoengine.org/guide/querying.html>



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Page 1 of 1.

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