

Mongo DB Queries

Basic Queries

show dbs // show all databases

use <db_name> // use database

Create and show collections

db.createCollection("<collection_name>") // create collection

show collections // show all collections

db.getCollectionNames() // show all collections

Show Data

db.<collection_name>.find() // show all documents in collection

db.<collection_name>.find({key:value}) // all records having
matched key value pair

db.<collection_name>.findOne({key:value}) // first record having
matched key value pair

Inserting Documents

db.<collection_name>.insertOne({<document>}) // insert one
document

db.<collection_name>.insertMany([{<document> }, {<document> },
...]) // insert many documents

Deleting Documents

```
db.<collection_name>.deleteOne({<document>}) // delete one document
```

```
db.<collection_name>.deleteMany({<document>}) // delete many documents
```

Updating Documents

```
db.<collection_name>.updateOne({<document>} //to find ,  
{//operator : {<document>}}) // update one document
```

```
db.<collection_name>.updateMany([ {<document>}, {<document>}])  
// update many documents
```

```
db.inventory.find({"brand":{"$eq":"ACME"}}).pretty()
```

```
db.inventory.find({"price":{"$gte":200}}).pretty()
```

```
db.inventory.find({"rating":{"$in":[3,4]}}).pretty()
```

```
db.inventory.find({"rating":{"$nin":[3,4]}}).pretty()
```

```
db.Variety.find({$where:function(){return(this.sub1==this.sub2)}})
```

```
db.variety.find({$where:"this.sub1==this.sub2"})
```

```
db.product.find({"category.name":{"$all:["Cameras &  
Camcorders"]}}).pretty()
```

```
db.product.find({$text:{$search:"CR"}}) //only alphabetic characters
```

currently in which database : db

find(query,projection)

```
db.testdata.find({ name:"Html" }, { name:1,_id:0});
```

```
db.testdata.find({ name:"Html" }, { type:1,_id:0});
```

```
db.testdata.find({ active:true }).limit(1);
```

pretty does not work with findOne()

```
db.testdata.find({ active:true }).limit(1).skip(1);
```

```
db.testdata.updateOne({ learning_hour:40 }, { $set: { learning_hour:48 } }  
);
```