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All MongoDb commands you will ever need (MongoDb Cheatsheet)

In this post, we will see a comprehensive list of all the MongoDB commands you will ever need as a MongoDB beginner. This list covers almost all the most used commands in MongoDB.

I will assume that you are working inside a collection named 'comments' on a MongoDB database of your choice

1. Database Commands

View all databases

```
show dbs
```

Create a new or switch databases

```
use dbName
```

View current Database

```
db
```

Delete Database

```
db.dropDatabase()
```

2. Collection Commands

Show Collections

```
show collections
```

Create a collection named 'comments'

```
db.createCollection('comments')
```

Drop a collection named 'comments'

```
db.comments.drop()
```

3. Row(Document) Commands

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Show all Rows in a Collection (Prettified)

```
db.comments.find().pretty()
```

Find the first row matching the object

```
db.comments.findOne({name: 'Harry'})
```

Insert One Row

```
db.comments.insert({
    'name': 'Harry',
    'lang': 'JavaScript',
    'member_since': 5
})
```

Insert many Rows

```
db.comments.insertMany([{
    'name': 'Harry',
    'lang': 'JavaScript',
    'member_since': 5
    },
    {'name': 'Rohan',
    'lang': 'Python',
    'member_since': 3
    },
    {'name': 'Lovish',
    'lang': 'Java',
    'member_since': 4
}])
```

Search in a MongoDb Database

```
db.comments.find({lang:'Python'})
```

Limit the number of rows in output

Count the number of rows in the output

```
db.comments.find().count()
```

Update a row

```
db.comments.update({name: 'Shubham'},
{'name': 'Harry',
    'lang': 'JavaScript',
    'member_since': 51
}, {upsert: true})
```

Mongodb Increment Operator

```
db.comments.update({name: 'Rohan'},
{$inc:{
    member_since: 2
}})
```

Mongodb Rename Operator

```
db.comments.update({name: 'Rohan'},
{$rename:{
    member_since: 'member'
}})
```

Delete Row

```
db.comments.remove({name: 'Harry'})
```

Less than/Greater than/ Less than or Eq/Greater than or Eq

```
db.comments.find({member_since: {$lt: 90}})
```

```
db.comments.find({member_since: {$lte: 90}})
```

```
db.comments.find({member_since: {$gt: 90}})
```

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Comments

baralabhishek538 [Jul 16, 2021]

Very nice harry da..totally appreciable..thanks for all your efforts

jidnyasamane9336 [Jul 15, 2021]

Nice blog

Asawir [Jul 10, 2021]

Thank you very much Harry bhai

pritamdas.pd2005 [Jun 28, 2021]

Where are the upsert commands

shivanggup [Jun 16, 2021]

nice

pragupta2007   Jun 10, 2021
Wow Sir! What a nice try for all of us...

Show 1 replies

qwertysachin3   Jun 7, 2021
WARNING!! Create a collection named 'comments' is needs to be changed
to Delete collection named 'comments'

samuel   Jun 6, 2021
THIS COURCE REALLY HELPFULL SIR...!

techtigertham   Jun 6, 2021
Thanks harry sir,
Can you please make a video on ruby, please make video sir

somenath   Jun 6, 2021
Thanks harry sir for this awesome tutorial of MongoDB.
I have only one request to you.
Can you please show how can we connect our website with mongoDB
database please

Show 2 replies