

MongoDB

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Database Commands

- View all Databases >>> `show dbs`
- Create a new or switch Databases >>> `use <dbName>`
- View Current Databases >>> `db`
- Delete Database >>> `db.dropDatabase()`

Collection Commands

- View all Collections >>> `show collections`
- Create a new Collection >>> `db.createCollection("<dbName>")`
- Delete a Collection >>> `db.<collectionName>.drop()`

Documents Commands

- Create a new Document >>> `db.<collectionName>.insert({<BSON>})`
- Create new Documents >>> `db.<collectionName>.insertMany([{}, {}, {}])`
- View all Documents >>> `db.<collectionName>.find()`
- View all Documents (Prettified) >>> `db.<collectionName>.find().pretty()`
- Search Document/s with Matching Fields >>>

- `db.<collectionName>.find({<Key>: <Value>})`
- Search a Document with Matching Fields >>>
`db.<collectionName>.findOne({<Key>: <Value>})`
 - Search Document/s with Matching Fields & Limit the Documents in Output >>>
`db.<collectionName>.find({<Key>: <Value>}).limit(<Integer>)`
 - Count Documents in Collection >>> `db.<collectionName>.find().count()`
 - Search Document/s with Matching Fields & Count Documents in Output >>>
`db.<collectionName>.find({<Key>: <Value>}).count()`
 - Search Document/s with Matching Fields & arrange in Ascending Order >>>
`db.<collectionName>.find({<Key>: <Value>}).sort({<Key>: 1})`
 - Search Document/s with Matching Fields & arrange in Descending Order >>>
`db.<collectionName>.find({<Key>: <Value>}).sort({<Key>: -1})`
 - Update Single Document with Matching Fields >>>
`db.Bag.update({<KeyToMatch0>: <ValueToMatch0>, <KeyToMatch1>: <ValueToMatch1>}, {<KeyToSave0>: <ValueToSave0>, <KeyToSave1>: <KeyToSave1>})`
 - Update Single Document with Matching Fields & Create a Document if No Document Found >>> `db.Bag.update({<KeyToMatch0>: <ValueToMatch0>, <KeyToMatch1>: <ValueToMatch1>}, {<KeyToSave0>: <ValueToSave0>, <KeyToSave1>: <KeyToSave1>}, {upsert: true})`
 - Update Document/s with Matching Fields >>>
`db.Bag.updateMany({<KeyToMatch0>: <ValueToMatch0>, <KeyToMatch1>: <ValueToMatch1>}, {<KeyToSave0>: <ValueToSave0>, <KeyToSave1>: <KeyToSave1>})`
 - Update Document/s with Matching Fields & Create a Document if No Document Found >>> `db.Bag.updateMany({<KeyToMatch0>: <ValueToMatch0>, <KeyToMatch1>: <ValueToMatch1>}, {<KeyToSave0>: <ValueToSave0>, <KeyToSave1>: <KeyToSave1>}, {upsert: true})`
 - Delete Document/s with Matching Fields >>>
`db.<collectionName>.remove({<Key0>: <Value0>, <Key1>: <Value1>})`
- > `db.<collectionName>.updateMany({value: {$exists: true}}, {$inc: {"value": 5}},`

{upsert: true})

> Update Operators:

<https://www.mongodb.com/docs/manual/reference/operator/update/>