

Getting Started — MongoDB Manual - Mozilla Firefox

Getting Started — MongoDB Manual

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Getting Started

The following page provides various examples for querying in the MongoDB shell. For examples using MongoDB drivers, refer to the links in the [Additional Examples](#) section.

Examples

MongoDB Web Shell

Click to connect

FullResetClear

Click inside the shell to connect. Once connected, you can run the examples in the shell above.

0. Switch Database1. Populate a collection (Insert)2. Select All Documents3. Specify Equality Matches4. Specify Fields to Return (Projection)

Within the [shell](#), [db](#) refers to your current database. Type [db](#) to display the current database.

db

copy

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YESNO

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Getting Started

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Examples

```
[{"red", "blank", "planner"}],
... { item: "planner", qty: 0, status: "D", size: { h: 22.85, w: 30, uom: "cm" },
tags: [ "blank", "red" ] },
... { item: "postcard", qty: 45, status: "A", size: { h: 10, w: 15.25, uom: "cm" },
tags: [ "blue" ] }
... ]});
...
{
  "acknowledged": true,
  "insertedIds": [
    ObjectId("5ec774c45b14a136998d0ac7"),
    ObjectId("5ec774c45b14a136998d0ac8"),
    ObjectId("5ec774c45b14a136998d0ac9"),
    ObjectId("5ec774c45b14a136998d0aca"),
    ObjectId("5ec774c45b14a136998d0acb")
  ]
}
>>>
```

Full Reset Clear

Click inside the shell to connect. Once connected, you can run the examples in the shell above.

0. Switch Database 1. Populate a collection (Insert) 2. Select All Documents 3. Specify Equality Matches 4. Specify Fields to Return (Projection)

MongoDB stores documents in [collections](#). Collections are analogous to tables in relational databases. If a collection does not exist, MongoDB creates the collection when you first store data for that collection.

The following example uses the `db.collection.insertMany()` method to insert new [documents](#) into the `inventory` collection. You can copy and paste the example into the [shell](#) above.

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Close

The following page provides various examples for querying in the MongoDB shell. For examples using MongoDB drivers, refer to the links in the [Additional Examples](#) section.

Examples

```
js
"tags" : [
  "blue"
]
}
>>> db.inventory.find( { status: "D" } );
{ "_id" : ObjectId("5ec774c45b14a136998d0ac9"), "item" : "paper", "qty" : 10, "status" : "D", "size" : { "h" : 8.5, "w" : 11, "uom" : "in" }, "tags" : [ "red", "blank", "plain" ] }
>>> db.inventory.find( { qty: 0 } );
{ "_id" : ObjectId("5ec774c45b14a136998d0aca"), "item" : "planner", "qty" : 0, "status" : "D", "size" : { "h" : 22.85, "w" : 30, "uom" : "cm" }, "tags" : [ "blank", "red" ] }
>>> db.inventory.find( { qty: 0, status: "D" } );
{ "_id" : ObjectId("5ec774c45b14a136998d0aca"), "item" : "planner", "qty" : 0, "status" : "D", "size" : { "h" : 22.85, "w" : 30, "uom" : "cm" }, "tags" : [ "blank", "red" ] }
>>>
```

Click inside the shell to connect. Once connected, you can run the examples in the shell above.

0. Switch Database

1. Populate a collection (Insert)

2. Select All Documents

3. Specify Equality Matches

4. Specify Fields to Return (Projection)

For an equality match (i.e. <field> equals <value>), specify <field>: <value> in the [query filter document](#) and pass to the `db.collection.find()` method.

NOTE:
The examples assumes that you have populated the `inventory` collection.

- In the `shell`, copy and paste the following to return documents where `status` field equals `"D"`:

Was this page helpful?

YES

NO

