

Query Document in MongoDB

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Syntax

The basic syntax of `find ()` method is as follows:

```
> db . COLLECTION_NAME . find ()
```

The `find ()` method will display all Documents in unstructured form (show no structure).

Pretty () method in MongoDB

To display the results in a formatted way, you can use the **pretty () method** .

Syntax

```
> db . mycol . find (). pretty ()
```

For example

```
> db . mycol . find (). pretty () { "_id" : ObjectId ( 7df78ad8902c ), "title"
```

In addition to the `find ()` method, in MongoDB there's a `findOne ()` method that will return only a Document.

Query in MongoDB which is equivalent to the WHERE clause in RDBMS

To query a Document based on certain conditions, you can use the following operations:

Math MethodSample Example WHERE clause equivalentEquality { : } db.mycol.find ({"by": "tutorials point"}).
Pretty () where by = 'tutorials point' Less Than { : { \$ lt: } } db .mycol.find ({"likes": { \$ lt: 50}}). pretty () where
likes 50 Greater Than Equals { : { \$ gte: } } db.mycol.find ({"likes": { \$ gte: 50}}) pretty () where likes > = 50 Not
Equals { : { \$ ne: } } db.mycol.find ({"likes": { \$ ne: 50}}) pretty. () where likes! = 50

AND in MongoDB

Syntax

In the find () method, if you pass multiple keys by distinguishing them by commas (,), MongoDB sees it as an **AND** condition. The basic syntax of AND in MongoDB is as follows:

```
> db . mycol . find ( { key1 : value1 , key2 : value2 } ). pretty ( )
```

For example

The following example shows all tutorial series (tutorials) written by 'tutorials point' which has the title 'MongoDB Overview'

```
> db . mycol . find ( { "by" : "tutorials point" , "title" : "MongoDB Overview"
```

The WHERE clause equivalent to the above example will be '**where by = ' tutorials point 'AND title = ' MongoDB Overview ' ' . You can pass any number of key-value pairs in the find clause.**

OR in MongoDB

Syntax

To query a Document based on an OR condition, you need to use the keyword \$ or . The basic syntax of **OR** in MongoDB is as follows:

```
> db . mycol . find ( { $or : [ { key1 : value1 } , { key2 : value2 } ] } ). p
```

For example

The following example will show all the tutorial series (tutorials) written by 'tutorials point' or have the title 'MongoDB Overview'

```
> db . mycol . find ( { $or : [ { "by" : "tutorials point" } , { "title" : "MongoDB O
```

Use AND and OR together in MongoDB

For example

The following example shows documents that have likes greater than 100 and whose title is either 'MongoDB Overview' or 'tutorials point'. The WHERE clause in the equivalent SQL query is '**where likes > 100 AND (by = ' tutorials point 'OR title = ' MongoDB Overview ')'**

```
> db . mycol . find ( { "likes" : { $gt : 100 } , $or : [ { "by" : "tutorials point
```

According to Tutorialspoint

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