MongoDB - Limit Records

In this chapter, we will learn how to limit records using MongoDB.

The Limit() Method

To limit the records in MongoDB, you need to use **limit()** method. The method accepts one number type argument, which is the number of documents that you want to be displayed.

Syntax

The basic syntax of **limit()** method is as follows −

>db.COLLECTION\_NAME.find().limit(NUMBER)

Example

Consider the collection myycol has the following data.

{ "\_id" : ObjectId(5983548781331adf45ec5), "title":"MongoDB Overview"}

{ "\_id" : ObjectId(5983548781331adf45ec6), "title":"NoSQL Overview1"}

{ "\_id" : ObjectId(5983548781331adf45ec7), "title":"NOSQL Overview2"}

Following example will display only two documents while querying the document.

>db.mycol.find({},{"title":1,\_id:0}).limit(2)

{"title":"MongoDB Overview"}

{"title":"NoSQL Overview"}

>

If you don't specify the number argument in **limit()** method then it will display all documents from the collection.

MongoDB Skip() Method

Apart from limit() method, there is one more method **skip()** which also accepts number type argument and is used to skip the number of documents.

Syntax

The basic syntax of **skip()** method is as follows −

>db.COLLECTION\_NAME.find().limit(NUMBER).skip(NUMBER)

Example

Following example will display only the second document.

>db.mycol.find({},{"title":1,\_id:0}).limit(1).skip(1)

{"title":"NoSQL Overview"}

>

Please note, the default value in **skip()** method is 0.