

## MongoDB - Create Database

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- Database in MongoDB is nothing but a logical storage of all collections created.
- A mongoDB server can have multiple databases.
- By Default, when we install the mongoDB we will have 2 databases. To check the databases below is the command.

```
[root@i2mongo ~]# mongo
MongoDB shell version: 2.6.9
connecting to: test
testset:PRIMARY> show dbs
admin  0.031GB
local  1.577GB
```

There is no command for creating database in specific for mongoDB. We need to define the database name which you want to use. Let us use a database called imongo.

```
testset:PRIMARY> use imongo
switched to dbimongo
testset:PRIMARY> show dbs
admin  0.031GB
local  1.577GB
```

Let us create a collection called students.

**Syntax: `db.createCollection()`** to create collection manually

```
testset:PRIMARY> show collections
testset:PRIMARY> db.students.save({firstname:"Maria",city:"Banglore"})
WriteResult({ "nInserted" : 1 })
testset:PRIMARY> db.students.find()
{ "_id" : ObjectId("592436a25273c93ad95b1099"), "firstname" : "Maria", "city" :
"Banglore" }
```

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Now, Check the database name by giving the below command.

```
testset:PRIMARY> show dbs
admin    0.031GB
imongo   0.031GB
local    1.577GB
```

You can verify the Database you are in currently. Use the below command for the same.

```
testset:PRIMARY> db
imongo
```

```
testset:PRIMARY> db.students.find()
{ "_id" : ObjectId("59245acd5273c93ad95b109b"), "firstname" : "Maria", "city" :
"Banglore" }
{ "_id" : ObjectId("59246d4b5273c93ad95b109c"), "firstname" : "sneha", "city" :
"Delhi" }
{ "_id" : ObjectId("59246d7b5273c93ad95b109d"), "firstname" : "jay", "city" :
"toronto" }
```