

C:\Program Files\MongoDB\Server\5.0\bin\mongo.exe

MongoDB shell version v5.0.3

connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb

Implicit session: session { "id" : UUID("a78aeb47-60d7-43f6-b0e0-e3597996d7c2") }

MongoDB server version: 5.0.3

Warning: the "mongo" shell has been superseded by "mongosh",
which delivers improved usability and compatibility. The "mongo" shell has been deprecated and will be removed in
an upcoming release.

We recommend you begin using "mongosh".

For installation instructions, see

<https://docs.mongodb.com/mongodb-shell/install/>

The server generated these startup warnings when booting:
2021-10-14T17:59:25.643+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted

Enable MongoDB's free cloud-based monitoring service, which will then receive and display
metrics about your deployment (disk utilization, CPU, operation statistics, etc).

The monitoring data will be available on a MongoDB website with a unique URL accessible to you
and anyone you share the URL with. MongoDB may use this information to make product
improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: db.enableFreeMonitoring()

To permanently disable this reminder, run the following command: db.disableFreeMonitoring()

use mapfunction;
switched to db mapfunction
> db.createCollection("map");
{ "ok" : 1 }
> db.map.insert({"cust_id":"A121", "amount":500, "status":"A"});
WriteResult({ "nInserted" : 1 })
> db.map.insert({"cust_id":"A121", "amount":300, "status":"A"});
WriteResult({ "nInserted" : 1 })
> db.map.insert({"cust_id":"A123", "amount":200, "status":"A"});
WriteResult({ "nInserted" : 1 })
> db.map.insert({"cust_id":"A123", "amount":250, "status":"B"});
WriteResult({ "nInserted" : 1 })
> db.map.insert({"cust_id":"B244", "amount":600, "status":"A"});
WriteResult({ "nInserted" : 1 })
> db.map.insert({"cust_id":"B244", "amount":550, "status":"C"});
WriteResult({ "nInserted" : 1 })
> db.map.insert({"cust_id":"B244", "amount":700, "status":"A"});
WriteResult({ "nInserted" : 1 })
> db.map.insert({"cust_id":"B124", "amount":900, "status":"A"});
WriteResult({ "nInserted" : 1 })
> db.map.insert({"cust_id":"B124", "amount":100, "status":"C"});
WriteResult({ "nInserted" : 1 })
> db.map.insert({"cust_id":"C324", "amount":220, "status":"A"});

Type here to search

28°C Light rain

22:31

15-10-2021

C:\Program Files\MongoDB\Server\5.0\bin\mongo.exe

```
> db.map.insert({"cust_id":"B124", "amount":900, "status":"A"});
WriteResult({"nInserted" : 1 })
> db.map.insert({"cust_id":"B124", "amount":100, "status":"C"});
WriteResult({"nInserted" : 1 })
> db.map.insert({"cust_id":"C324", "amount":220, "status":"A"});
WriteResult({"nInserted" : 1 })
> db.map.insert({"cust_id":"C324", "amount":320, "status":"B"});
WriteResult({"nInserted" : 1 })
> db.map.find().pretty();
{
  "_id" : ObjectId("6169af064b481ad70d8ce431"),
  "cust_id" : "A121",
  "amount" : 500,
  "status" : "A"
}
{
  "_id" : ObjectId("6169af284b481ad70d8ce432"),
  "cust_id" : "A121",
  "amount" : 300,
  "status" : "A"
}
{
  "_id" : ObjectId("6169af384b481ad70d8ce433"),
  "cust_id" : "A123",
  "amount" : 200,
  "status" : "A"
}
{
  "_id" : ObjectId("6169af544b481ad70d8ce434"),
  "cust_id" : "A123",
  "amount" : 250,
  "status" : "B"
}
{
  "_id" : ObjectId("6169afd34b481ad70d8ce435"),
  "cust_id" : "B244",
  "amount" : 600,
  "status" : "A"
}
{
  "_id" : ObjectId("6169aff04b481ad70d8ce436"),
  "cust_id" : "B244",
  "amount" : 550,
  "status" : "C"
}
{
  "_id" : ObjectId("6169b00f4b481ad70d8ce437"),
  "cust_id" : "B244",
  "amount" : 700,
  "status" : "A"
}
```

Type here to search



28°C Light rain



ENG

22:33

15-10-2021

```
C:\Program Files\MongoDB\Server\5.0\bin\mongo.exe
{"amount": 550,
"status": "C"}
}
{
  "_id": ObjectId("6169b00f4b481ad70d8ce437"),
  "cust_id": "B244",
  "amount": 700,
  "status": "A"
}
{
  "_id": ObjectId("6169b0374b481ad70d8ce438"),
  "cust_id": "B124",
  "amount": 900,
  "status": "A"
}
{
  "_id": ObjectId("6169b0484b481ad70d8ce439"),
  "cust_id": "B124",
  "amount": 100,
  "status": "C"
}
{
  "_id": ObjectId("6169b0754b481ad70d8ce43a"),
  "cust_id": "C324",
  "amount": 220,
  "status": "A"
}
{
  "_id": ObjectId("6169b0854b481ad70d8ce43b"),
  "cust_id": "C324",
  "amount": 320,
  "status": "B"
}
}
> var mapFunction1 = function() {emit(this.cust_id, this.amount);};
> var reduceFunction1 = function(keyCustId, valuesamount){return Array.sum(valuesamount);};
> db.map.mapReduce(mapFunction1,
uncaught exception: Error: assert failed : need to supply an optionsOrOutString :
doassert@src/mongo/shell/assert.js:20:14
assert@src/mongo/shell/assert.js:151:9
DBCollection.prototype.mapReduce@src/mongo/shell/collection.js:1074:5
@(shell):1:1
> db.map.mapReduce(mapFunction1, reduceFunction1, {out : "map_reduce_example"})
{ "result" : "map_reduce_example", "ok" : 1 }
> db.map_reduce_example.find();
{ "_id" : "B244", "value" : 1850 }
{ "_id" : "C324", "value" : 540 }
{ "_id" : "A121", "value" : 800 }
{ "_id" : "A123", "value" : 450 }
{ "_id" : "B124", "value" : 1000 }
> db.map_reduce_example.find().pretty();
```

C:\Program Files\MongoDB\Server\5.0\bin\mongo.exe

```
    "amount" : 220,
    "status" : "A"
  }
}
{
  "_id" : ObjectId("6169b0854b481ad70d8ce43b"),
  "cust_id" : "C324",
  "amount" : 320,
  "status" : "B"
}
> var mapFunction1 = function() {emit(this.cust_id, this.amount);};
> var reduceFunction1 = function(keyCustId, valuesamount){return Array.sum(valuesamount);};
> db.map.mapReduce(mapFunction1,
uncaught exception: Error: assert failed : need to supply an optionsOrOutString :
doassert@src/mongo/shell/assert.js:20:14
assert@src/mongo/shell/assert.js:151:9
DBCollection.prototype.mapReduce@src/mongo/shell/collection.js:1074:5
@(shell):1:1
> db.map.mapReduce(mapFunction1, reduceFunction1, {out : "map_reduce_example"})
{ "result" : "map_reduce_example", "ok" : 1 }
> db.map_reduce_example.find();
{ "_id" : "B244", "value" : 1850 }
{ "_id" : "C324", "value" : 540 }
{ "_id" : "A121", "value" : 800 }
{ "_id" : "A123", "value" : 450 }
{ "_id" : "B124", "value" : 1000 }
> db.map_reduce_example.find().pretty();
{ "_id" : "B244", "value" : 1850 }
{ "_id" : "C324", "value" : 540 }
{ "_id" : "A121", "value" : 800 }
{ "_id" : "A123", "value" : 450 }
{ "_id" : "B124", "value" : 1000 }
>
```

Full screen mode

Type here to search



28°C Light rain 22:35 15-10-2021