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Command Prompt - Mongo
C:\Program Files\MongoDB\Server\4.0\bin>Mongo
MongoDB shell version v4.0.20-44-gae595c7
connecting to: mongodb://127.0.0.1:27017/?gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("b4bd5c4d-94d5-4d3c-ad34-c0a4d1745e9a") }
MongoDB server version: 4.0.20-44-gae595c7
Server has startup warnings:
2020-10-01T18:46:06.097+0530 I CONTROL [initandlisten]
2020-10-01T18:46:06.097+0530 I CONTROL [initandlisten] ** WARNING: Access control is not enabled for the database.
2020-10-01T18:46:06.097+0530 I CONTROL [initandlisten] **          Read and write access to data and configuration is unrestricted.
2020-10-01T18:46:06.097+0530 I CONTROL [initandlisten]
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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 company
switched to db company
> db.createCollection("employee");
{
  "ok" : 0,
  "errmsg" : "a collection 'company.employee' already exists",
  "code" : 48,
  "codeName" : "NamespaceExists"
}
> db.employee.insert({_id:"1",name:"
2020-10-01T18:10:21.552+0530 E QUERY [js] SyntaxError: unterminated string literal @(shell):1:33
> db.employee.insert({_id:"1",name:"megha",dept:
...
...
> db.employee.insert({_id:"1",name:"megha",dept:"software",dept_id:"1001",salary:"20000"});
WriteResult({ "nInserted" : 1 })
> db.employee.insert({_id:"2",name:"jamuna",dept:"hardware",dept_id:"1002",salary:"25000"});
WriteResult({ "nInserted" : 1 })
> db.employee.insert({_id:"3",name:"priya",dept:"software",dept_id:"1003",salary:"20000"},{_id:"4",name:"hema",dept_id:"114",dept_id:"1004"},{emp_id:"115",dept_id:"1005",salary:"35000"},{upset:false});
WriteResult({ "nInserted" : 1 })
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> db.employee.insert({_id:"1",name:"megha",dept:
...
...
> db.employee.insert({_id:"1",name:"megha",dept:"software",dept_id:"1001",salary:"20000"});
WriteResult({ "nInserted" : 1 })
> db.employee.insert({_id:"2",name:"jamuna",dept:"hardware",dept_id:"1002",salary:"25000"});
WriteResult({ "nInserted" : 1 })
> db.employee.insert({_id:"3",name:"priya",dept:"software",dept_id:"1003",salary:"20000"},{_id:"4",name:"hema",dept_id:"114",dept_id:"1004"},{emp_id:"115",dept_id:"1005",salary:"25000"},{upset:false});
WriteResult({ "nInserted" : 1 })
> db.department.insert({_id:"6",name:"software",dept_id:"1001",manager:"priyanka"});
WriteResult({ "nInserted" : 1 })
> db.employee.update({_id:"6",name:"nagamma",dept:"software",emp_id:"116",dept_id:"1006"},{$set:{salary:"50000"}},{upset:true});
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
>
>
> db.employee.save({_id:"1",name:"megha",dept:"software",emp_id:"111",dept_id:"1001",salary:"20000"});
2020-10-01T19:30:33.938+0530 E QUERY [js] SyntaxError: missing : after property id @(shell):1:75
> db.employee.save({_id:"1",name:"megha",dept:"software",emp_id:"111",dept_id:"1001",salary:"20000"});
WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })
> db.department.insert({_id:"11",dept_name:"hardware",dept_id:"1001"});
WriteResult({ "nInserted" : 1 })
> db.department.insert({_id:"12",dept_name:"software",dept_id:"1002"});
WriteResult({ "nInserted" : 1 })
>
> db.department.update({_id:"16",dept_name:"software",dept_id:"1005"},{$set:{manager:"priya"}},{upset:true});
WriteResult({ "nMatched" : 0, "nUpserted" : 0, "nModified" : 0 })
> db.department.update({_id:"16",dept_name:"software",dept_id:"1005"},{$set:{manager:"priyanka"}},{upset:true});
2020-10-01T19:55:06.323+0530 E QUERY [js] SyntaxError: missing : after property id @(shell):1:59
>
>
> db.employee.remove({_id:"6"},{$unset:{emp_id:116}});
WriteResult({ "nRemoved" : 0 })
>
> db.employee.remove({_id:"6"},{$unset:{dept_id:"1004"}});
WriteResult({ "nRemoved" : 0 })
>
> db.employee.remove({_id:"2"},{$unset:{dept_id:"1002"}});
WriteResult({ "nRemoved" : 1 })
```

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>
> db.employee.remove({'_id':"6"},{$unset:{emp_id:116}});
WriteResult({ "nRemoved" : 0 })
> db.employee.remove({'_id':"6"},{$unset:{dept_id:"1004"}});
WriteResult({ "nRemoved" : 0 })
> db.employee.remove({'_id':"2"},{$unset:{dept_id:"1002"}});
WriteResult({ "nRemoved" : 1 })
>
> db.employee.find().pretty(),db.department.find().pretty();
2020-10-01T20:05:08.025+0530 E QUERY [js] TypeError: db.employee.find(...).pretty is not a function :
@ (shell):1:1
> db.employee.find().pretty(),db.department.find().pretty();
2020-10-01T20:06:41.418+0530 E QUERY [js] TypeError: db.employee.find(...).pretty is not a function :
@ (shell):1:1
> db.employee.find().pretty().db.department.find().pretty();
2020-10-01T20:09:06.837+0530 E QUERY [js] TypeError: db.employee.find(...).pretty(...).db is undefined :
@ (shell):1:1
>
>
> db.employee.find().pretty(),db.department.find().pretty();
{
  "_id" : "6",
  "name" : "software",
  "dept_id" : "1001",
  "manager" : "priyanka"
}
{
  "_id" : "11", "dept_name" : "hardware", "dept_id" : "1001" }
{
  "_id" : "12", "dept_name" : "software", "dept_id" : "1002" }
}
>
> db.employee.find({'$and':[{'dept_id':{$get:"1001"}},{dept_id:{$lt:"1005"}}]}),(name:1,dept:1)).pretty()
Error: error: {
  "ok" : 0,
  "errmsg" : "unknown operator: $get",
  "code" : 2,
  "codeName" : "BadValue"
}
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>
> db.employee.find({name:/^A/}).pretty();
> db.employee.find({name:/^A/}).pretty();
> db.employee.find({name:/^s/}).pretty();
>
> db.employee.find({$and:[{dept_id:{ $get:"1001"}},{dept_id:{ $lt:"1005"}]}},{name:1,dept:11}).pretty();
Error: error: {
  "ok" : 0,
  "errmsg" : "unknown operator: $get",
  "code" : 2,
  "codeName" : "BadValue"
}
> db.employee.find({$and:[{dept_id:{ $get:"1001"}},{dept_id:{ $lt:"1005"}]}).pretty();
...
> db.employee.find({employee:{ $gt:30}});
...
  "_id" : "2",
  "name" : "jamuna",
  "dept" : "software",
2020-10-01T20:45:04.599+0530 E QUERY    [js] SyntaxError: missing ; before statement @(shell):1:6
>
  "_id" : "2",
  "name" : "jamuna",
  "dept" : "software",
  "emp_id" : "112",
  "dept_id" : "1002",
  "salary" : "25000",
... }
2020-10-01T20:48:13.114+0530 E QUERY    [js] SyntaxError: missing ; before statement @(shell):1:6
>
  "_id" : "3",
  "name" : "priya",
  "dept" : "hardware",
  "dept_id" : "1003",
  "salary" : "20000",
2020-10-01T20:50:45.676+0530 E QUERY    [js] SyntaxError: missing ; before statement @(shell):1:6
>
```