db.emp.find({$and:[{"name":"Ravi},{"age":30}]})

Uncaught:

SyntaxError: Unexpected token, expected "," (1:36)

> 1 | db.emp.find({$and:[{"name":"Ravi},{"age":30}]})

| ^

2 |

ctsdb> db.emp.find({$and:[{"name":"Ravi},{"age":30}]})

Uncaught:

SyntaxError: Unexpected token, expected "," (1:36)

> 1 | db.emp.find({$and:[{"name":"Ravi},{"age":30}]})

| ^

2 |

ctsdb> db.emp.find({$and:[{"name":"Ravi"},{"age":30}]})

[

{

\_id: ObjectId("66c574054d51d4518ee84673"),

id: 1,

name: 'Ravi',

age: 30

},

{

\_id: ObjectId("66c574a14d51d4518ee84674"),

id: 1,

name: 'Ravi',

age: 30

}

]

ctsdb> db.emp.find({$or:[{"name":"Ravi},{"name":"sachin"}]})

Uncaught:

SyntaxError: Unexpected token, expected "," (1:35)

> 1 | db.emp.find({$or:[{"name":"Ravi},{"name":"sachin"}]})

| ^

2 |

ctsdb> db.emp.find({$or:[{"name":"Ravi"},{"name":"sachin"}]})

[

{

\_id: ObjectId("66c574054d51d4518ee84673"),

id: 1,

name: 'Ravi',

age: 30

},

{

\_id: ObjectId("66c574a14d51d4518ee84674"),

id: 1,

name: 'Ravi',

age: 30

},

{

\_id: ObjectId("66c575f74d51d4518ee84677"),

id: 5,

name: 'sachin',

age: 43,

city: 'Mumbai'

}

]

ctsdb> db.emp.find({$or:[{"name":"Ravi1"},{"name":"sachin1"}]})

ctsdb> db.emp.find({$or:[{"name":"Ravi1"},{"name":"sachin1"}]}).count()

0

ctsdb> db.emp.deleteOne({"name":"Ravi"})

{ acknowledged: true, deletedCount: 1 }

ctsdb> db.emp.find()

[

{

\_id: ObjectId("66c574a14d51d4518ee84674"),

id: 1,

name: 'Ravi',

age: 30

},

{

\_id: ObjectId("66c575f74d51d4518ee84675"),

id: 3,

name: 'virat',

age: 35

},

{

\_id: ObjectId("66c575f74d51d4518ee84676"),

id: 4,

name: 'dravid',

age: 40

},

{

\_id: ObjectId("66c575f74d51d4518ee84677"),

id: 5,

name: 'sachin',

age: 43,

city: 'Mumbai'

}

]

ctsdb> db.emp.deleteMany({"name":"Ravi"})

{ acknowledged: true, deletedCount: 1 }

ctsdb> db.emp.find()

[

{

\_id: ObjectId("66c575f74d51d4518ee84675"),

id: 3,

name: 'virat',

age: 35

},

{

\_id: ObjectId("66c575f74d51d4518ee84676"),

id: 4,

name: 'dravid',

age: 40

},

{

\_id: ObjectId("66c575f74d51d4518ee84677"),

id: 5,

name: 'sachin',

age: 43,

city: 'Mumbai'

}

]

ctsdb> db.emp.deleteMany({"age":{$gt:36,$lt:45}})

{ acknowledged: true, deletedCount: 2 }

ctsdb> db.emp.find()

[

{

\_id: ObjectId("66c575f74d51d4518ee84675"),

id: 3,

name: 'virat',

age: 35

}

]

ctsdb> db.emp.updateOne(

... {"name":"virat"},

... {$set:{"name":"Virat kohli"}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

ctsdb> db.emp.find()

[

{

\_id: ObjectId("66c575f74d51d4518ee84675"),

id: 3,

name: 'Virat kohli',

age: 35

}

]

ctsdb> db.emp.updateOne( { "name": "virat" }, { $set: { "address": "Bangalore" } })

{

acknowledged: true,

insertedId: null,

matchedCount: 0,

modifiedCount: 0,

upsertedCount: 0

}

ctsdb> db.emp.updateOne(

... {"name":"Virat kohli"},

... {$set:{"address":"Bangalore"},

... {upsert:true})

Uncaught:

SyntaxError: Unexpected token (4:0)

2 | {"name":"Virat kohli"},

3 | {$set:{"address":"Bangalore"},

> 4 | {upsert:true})

| ^

5 |

ctsdb> db.emp.updateOne( {"name":"Virat kohli"}, {$set:{"address":"Bangalore"}, {$upsert:true})

Uncaught:

SyntaxError: Unexpected token (1:73)

> 1 | db.emp.updateOne( {"name":"Virat kohli"}, {$set:{"address":"Bangalore"}, {$upsert:true})

| ^

2 |

ctsdb> db.emp.updateOne( {"name":"Virat kohli"}, {$set:{"address":"Bangalore"}}, {upsert:true})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

ctsdb> db.emp.find()

[

{

\_id: ObjectId("66c575f74d51d4518ee84675"),

id: 3,

name: 'Virat kohli',

age: 35,

address: 'Bangalore'

}

]

ctsdb> db.emp.insertMany([{"id":1,"name":"Virat Kohli","age":33},{"id":2,"name":"Rohit","age":36}])

{

acknowledged: true,

insertedIds: {

'0': ObjectId("66c585a54d51d4518ee84678"),

'1': ObjectId("66c585a54d51d4518ee84679")

}

}

ctsdb> db.emp.find()

[

{

\_id: ObjectId("66c575f74d51d4518ee84675"),

id: 3,

name: 'Virat kohli',

age: 35,

address: 'Bangalore'

},

{

\_id: ObjectId("66c585a54d51d4518ee84678"),

id: 1,

name: 'Virat Kohli',

age: 33

},

{

\_id: ObjectId("66c585a54d51d4518ee84679"),

id: 2,

name: 'Rohit',

age: 36

}

]

ctsdb> db.emp.updateMany(

... {"name":"Virat kohli"},

... {$set:{"name":"King Kohli"}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

ctsdb> db.emp.insertMany([{"id":1,"name":"King kohli","age":33}])

{

acknowledged: true,

insertedIds: { '0': ObjectId("66c586334d51d4518ee8467a") }

}

ctsdb> db.emp.find()

[

{

\_id: ObjectId("66c575f74d51d4518ee84675"),

id: 3,

name: 'King Kohli',

age: 35,

address: 'Bangalore'

},

{

\_id: ObjectId("66c585a54d51d4518ee84678"),

id: 1,

name: 'Virat Kohli',

age: 33

},

{

\_id: ObjectId("66c585a54d51d4518ee84679"),

id: 2,

name: 'Rohit',

age: 36

},

{

\_id: ObjectId("66c586334d51d4518ee8467a"),

id: 1,

name: 'King kohli',

age: 33

}

]

ctsdb> db.emp.insertMany([{"id":7,"name":"King Kohli","age":22}])

{

acknowledged: true,

insertedIds: { '0': ObjectId("66c5865e4d51d4518ee8467b") }

}

ctsdb> db.emp.find()

[

{

\_id: ObjectId("66c575f74d51d4518ee84675"),

id: 3,

name: 'King Kohli',

age: 35,

address: 'Bangalore'

},

{

\_id: ObjectId("66c585a54d51d4518ee84678"),

id: 1,

name: 'Virat Kohli',

age: 33

},

{

\_id: ObjectId("66c585a54d51d4518ee84679"),

id: 2,

name: 'Rohit',

age: 36

},

{

\_id: ObjectId("66c586334d51d4518ee8467a"),

id: 1,

name: 'King kohli',

age: 33

},

{

\_id: ObjectId("66c5865e4d51d4518ee8467b"),

id: 7,

name: 'King Kohli',

age: 22

}

]

ctsdb> db.emp.updateMany(

... {"name":"King Kohli","age":22},

... {$set:{"name":"K K"}})

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

ctsdb> db.emp.find()

[

{

\_id: ObjectId("66c575f74d51d4518ee84675"),

id: 3,

name: 'King Kohli',

age: 35,

address: 'Bangalore'

},

{

\_id: ObjectId("66c585a54d51d4518ee84678"),

id: 1,

name: 'Virat Kohli',

age: 33

},

{

\_id: ObjectId("66c585a54d51d4518ee84679"),

id: 2,

name: 'Rohit',

age: 36

},

{

\_id: ObjectId("66c586334d51d4518ee8467a"),

id: 1,

name: 'King kohli',

age: 33

},

{

\_id: ObjectId("66c5865e4d51d4518ee8467b"),

id: 7,

name: 'K K',

age: 22

}

]

ctsdb> db.emp.aggregate([

...

ctsdb> db.cust.insertMany(

... {"name":"anil","age":20},

... {"name":"ravi","age"21},

Uncaught:

SyntaxError: Unexpected token (3:20)

1 | db.cust.insertMany(

2 | {"name":"anil","age":20},

> 3 | {"name":"ravi","age"21},

| ^

4 |

ctsdb> db.cust.insertMany( {"name":"anil","age":20}, {"name":"ravi","age":21},{"name":"sudip","age":20})

MongoInvalidArgumentError: Argument "docs" must be an array of documents

ctsdb> db.cust.insertMany([ {"name":"anil","age":20}, {"name":"ravi","age":21},{"name":"sudip","age":20}])

{

acknowledged: true,

insertedIds: {

'0': ObjectId("66c58efd4d51d4518ee8467c"),

'1': ObjectId("66c58efd4d51d4518ee8467d"),

'2': ObjectId("66c58efd4d51d4518ee8467e")

}

}

ctsdb> db.cust.find()

[

{

\_id: ObjectId("66c5723b4d51d4518ee84672"),

id: 1,

name: 'cname',

age: 23

},

{ \_id: ObjectId("66c58efd4d51d4518ee8467c"), name: 'anil', age: 20 },

{ \_id: ObjectId("66c58efd4d51d4518ee8467d"), name: 'ravi', age: 21 },

{ \_id: ObjectId("66c58efd4d51d4518ee8467e"), name: 'sudip', age: 20 }

]

ctsdb> db.cust.aggregate([

... {$group :{\_id:"$age"}}])

[ { \_id: 23 }, { \_id: 20 }, { \_id: 21 } ]

ctsdb> db.cust.find()

[

{

\_id: ObjectId("66c5723b4d51d4518ee84672"),

id: 1,

name: 'cname',

age: 23

},

{ \_id: ObjectId("66c58efd4d51d4518ee8467c"), name: 'anil', age: 20 },

{ \_id: ObjectId("66c58efd4d51d4518ee8467d"), name: 'ravi', age: 21 },

{ \_id: ObjectId("66c58efd4d51d4518ee8467e"), name: 'sudip', age: 20 }

]

ctsdb> db.cust.aggregate([

... {$count:"Total-Count"}])

[ { 'Total-Count': 4 } ]

ctsdb> db.cust.aggregate([

... {$match:{"age":{$gt:20}}},

... {$count:"total-count-above-age-20"}])

[ { 'total-count-above-age-20': 2 } ]

ctsdb> db.cust.aggregate([

... {$sort:{"age":1}}])

[

{ \_id: ObjectId("66c58efd4d51d4518ee8467c"), name: 'anil', age: 20 },

{ \_id: ObjectId("66c58efd4d51d4518ee8467e"), name: 'sudip', age: 20 },

{ \_id: ObjectId("66c58efd4d51d4518ee8467d"), name: 'ravi', age: 21 },

{

\_id: ObjectId("66c5723b4d51d4518ee84672"),

id: 1,

name: 'cname',

age: 23

}

]

ctsdb> db.cust.aggregate([

... {$sort:{"age":-1}},

... {$limit:2}])

[

{

\_id: ObjectId("66c5723b4d51d4518ee84672"),

id: 1,

name: 'cname',

age: 23

},

{ \_id: ObjectId("66c58efd4d51d4518ee8467d"), name: 'ravi', age: 21 }

]

ctsdb> db.cust.aggregate([

... {$match:{"age":{$gt:20}}},

... {$sort:{"age":-1}},

... {$limit:1}])

[

{

\_id: ObjectId("66c5723b4d51d4518ee84672"),

id: 1,

name: 'cname',

age: 23

}

]

ctsdb> db.cust.find()

[

{

\_id: ObjectId("66c5723b4d51d4518ee84672"),

id: 1,

name: 'cname',

age: 23

},

{ \_id: ObjectId("66c58efd4d51d4518ee8467c"), name: 'anil', age: 20 },

{ \_id: ObjectId("66c58efd4d51d4518ee8467d"), name: 'ravi', age: 21 },

{ \_id: ObjectId("66c58efd4d51d4518ee8467e"), name: 'sudip', age: 20 }

]

ctsdb> db.cust.aggregate([

... {$match:{"age":{$lt:21}}},

... {$group:{\_id:"$name"}},

... {$sort:{"age":1}}])

[ { \_id: 'sudip' }, { \_id: 'anil' } ]

ctsdb> db.cust.insertOne({"name":"anil","age":14})

{

acknowledged: true,

insertedId: ObjectId("66c594804d51d4518ee8467f")

}

ctsdb> db.cust.find().pretty()

[

{

\_id: ObjectId("66c5723b4d51d4518ee84672"),

id: 1,

name: 'cname',

age: 23

},

{ \_id: ObjectId("66c58efd4d51d4518ee8467c"), name: 'anil', age: 20 },

{ \_id: ObjectId("66c58efd4d51d4518ee8467d"), name: 'ravi', age: 21 },

{ \_id: ObjectId("66c58efd4d51d4518ee8467e"), name: 'sudip', age: 20 },

{ \_id: ObjectId("66c594804d51d4518ee8467f"), name: 'anil', age: 14 }

]

ctsdb> db.cust.aggregate([

... {$match:{"age":{$lt:21}}},

... {$group:{\_id:"$name",$sum:"$age"}},

... {$sort:{"name":1}}])

MongoServerError: The field '$sum' must be an accumulator object

ctsdb> db.cust.aggregate([ { $match: { "age": { $lt: 21 } } }, { $group: { \_id: "$name", {$sum: "$age"} } }, { $sort: { "name": 1 } }])

Uncaught:

SyntaxError: Unexpected token (1:82)

> 1 | db.cust.aggregate([ { $match: { "age": { $lt: 21 } } }, { $group: { \_id: "$name", {$sum: "$age"} } }, { $sort: { "name": 1 } }])

| ^

2 |

ctsdb> db.cust.aggregate([ { $match: { "age": { $lt: 21 } } }, { $group: { \_id: "$name", $sum: "$age"} }] )

MongoServerError: The field '$sum' must be an accumulator object

ctsdb> db.cust.aggregate([ { $match: { "age": { $lt: 21 } } }, { $group: { \_id: "$name", $sum:{"totalAge": "$age"}} }] )

MongoServerError: The field '$sum' must be an accumulator object

ctsdb> db.cust.aggregate([ { $match: { "age": { $lt: 21 } } }, { $group: { \_id: "$name", "totalAge":{$sum: "$age"}} }] )

[ { \_id: 'sudip', totalAge: 20 }, { \_id: 'anil', totalAge: 34 } ]

ctsdb> db.cust.aggregate([ { $match: { "age": { $lt: 21 } } }, { $group: { \_id: "$name", "totalAge":{$sum: "$age"}} },{$sort:{"name":1}}] )

[ { \_id: 'anil', totalAge: 34 }, { \_id: 'sudip', totalAge: 20 } ]

ctsdb>