Microsoft Windows [Version 10.0.14393]

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C:\Program Files\MongoDB\Server\5.0\bin>mongo "mongodb+srv://test.yl2ae.mongodb.net/test" --username mir --password test

MongoDB shell version v5.0.3

connecting to: mongodb://test-shard-00-01.yl2ae.mongodb.net:27017,test-shard-00-02.yl2ae.mongodb.net:27017,test-shard-00-00.yl2ae.mongodb.net:27017/test?authSource=admin&compressors=disabled&gssapiServiceName=mongodb&replicaSet=atlas-10xmcm-shard-0&ssl=true

Implicit session: session { "id" : UUID("245a0eac-0a0a-4619-bcc7-744777877298") }

MongoDB server version: 4.4.10

WARNING: shell and server versions do not match

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Warning: the "mongo" shell has been superseded by "mongosh",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/

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MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> show dbs

admin 0.000GB

local 13.984GB

test 0.000GB

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> use mongo\_practice

switched to db mongo\_practice

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.createCollection("movies")

{

"ok" : 1,

"$clusterTime" : {

"clusterTime" : Timestamp(1634992950, 1),

"signature" : {

"hash" : BinData(0,"iG6BXPQ1oFhemdyVdcV96qk/1T0="),

"keyId" : NumberLong("6960370896921952257")

}

},

"operationTime" : Timestamp(1634992950, 1)

}

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> show collections

Movies

Insert Documents

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.insertMany([{title:"Fight Club",writer:"Chuck Palahniuko",year:1999,actors:["Brad Pitt","Edward Norton"]},{title:"Pulp Fiction",writer:"Quentin Tarantino",year:1994,actors:["John Travolta","Uma Thurman"]},{title:"Inglorious Basterds",writer:"Quentin Tarantino",year:2009,actors:["Brad Pitt","Diane Kruger","Eli Roth"]},{title:"The Hobbit: An Unexpected Journey",writer:"J.R.R. Tolkein",year:2012,franchise:"The Hobbit"},{title:"The Hobbit: The Desolation of Smaug",writer:"J.R.R. Tolkein",year:2013,franchise:"The Hobbit"},{title:"the Hobbit: The Battle of the Five Armies",writer:"J.R.R. Tolkein",year:2012,franchise:"The Hobbit",synopsis:"Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness."},{title:"Pee Wee Herman's Big Adventure"},{title:"Avatar"}])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("617406850c8b83d6c4ebd9b4"),

ObjectId("617406850c8b83d6c4ebd9b5"),

ObjectId("617406850c8b83d6c4ebd9b6"),

ObjectId("617406850c8b83d6c4ebd9b7"),

ObjectId("617406850c8b83d6c4ebd9b8"),

ObjectId("617406850c8b83d6c4ebd9b9"),

ObjectId("617406850c8b83d6c4ebd9ba"),

ObjectId("617406850c8b83d6c4ebd9bb")

]

}

Find Documents

1:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.find()

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b4"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : 1999, "actors" : [ "Brad Pitt", "Edward Norton" ] }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b5"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : 1994, "actors" : [ "John Travolta", "Uma Thurman" ] }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b6"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : 2009, "actors" : [ "Brad Pitt", "Diane Kruger", "Eli Roth" ] }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b7"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : 2012, "franchise" : "The Hobbit" }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b8"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R. Tolkein", "year" : 2013, "franchise" : "The Hobbit" }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b9"), "title" : "the Hobbit: The Battle of the Five Armies", "writer" : "J.R.R. Tolkein", "year" : 2012, "franchise" : "The Hobbit", "synopsis" : "Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness." }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9ba"), "title" : "Pee Wee Herman's Big Adventure" }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9bb"), "title" : "Avatar" }

2:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.find({writer:"Quentin Tarantino"})

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b5"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : 1994, "actors" : [ "John Travolta", "Uma Thurman" ] }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b6"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : 2009, "actors" : [ "Brad Pitt", "Diane Kruger", "Eli Roth" ] }

3:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.find({actors:"Brad Pitt"})

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b4"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : 1999, "actors" : [ "Brad Pitt", "Edward Norton" ] }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b6"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : 2009, "actors" : [ "Brad Pitt", "Diane Kruger", "Eli Roth" ] }

4:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.find({franchise:"The Hobbit"})

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b7"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : 2012, "franchise" : "The Hobbit" }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b8"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R. Tolkein", "year" : 2013, "franchise" : "The Hobbit" }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b9"), "title" : "the Hobbit: The Battle of the Five Armies", "writer" : "J.R.R. Tolkein", "year" : 2012, "franchise" : "The Hobbit", "synopsis" : "Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness." }

5:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.find({"year":{$lt:2000}}).pretty()

{

"\_id" : ObjectId("617406850c8b83d6c4ebd9b4"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("617406850c8b83d6c4ebd9b5"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

6:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.find({$or:[{"year":{$lt:2000}},{"year":{$gt:2010}}]}).pretty()

{

"\_id" : ObjectId("617406850c8b83d6c4ebd9b4"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("617406850c8b83d6c4ebd9b5"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("617406850c8b83d6c4ebd9b7"),

"title" : "The Hobbit: An Unexpected Journey",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("617406850c8b83d6c4ebd9b8"),

"title" : "The Hobbit: The Desolation of Smaug",

"writer" : "J.R.R. Tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("617406850c8b83d6c4ebd9b9"),

"title" : "the Hobbit: The Battle of the Five Armies",

"writer" : "J.R.R. Tolkein",

"year" : 2012,

"franchise" : "The Hobbit",

"synopsis" : "Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness."

}

Update Documents

1:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY>

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.update({"title":"The Hobbit: An Unexpected Journey"},{$set:{"synopsis":"A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug."}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

2:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.update({"title":"The Hobbit: The Desolation of Smaug"},{$set:{"synopsis":"The dwarves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of a mysterious and magical ring."}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.find({"franchise":"The Hobbit"})

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b7"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : 2012, "franchise" : "The Hobbit", "synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug." }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b8"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R. Tolkein", "year" : 2013, "franchise" : "The Hobbit", "synopsis" : "The dwarves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of a mysterious and magical ring." }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b9"), "title" : "the Hobbit: The Battle of the Five Armies", "writer" : "J.R.R. Tolkein", "year" : 2012, "franchise" : "The Hobbit", "synopsis" : "Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness." }

3:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.update({"title":"Pulp Fiction"},{$push:{actors:"Samuel L. Jackson"}})

WriteResult({ "nMatched" : 1, "nUpserted" : 0, "nModified" : 1 })

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.find({"title":"Pulp Fiction"})

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b5"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : 1994, "actors" : [ "John Travolta", "Uma Thurman", "Samuel L. Jackson" ] }

Text Search

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.createIndex({synopsis:"text"})

{

"createdCollectionAutomatically" : false,

"numIndexesBefore" : 1,

"numIndexesAfter" : 2,

"commitQuorum" : "votingMembers",

"ok" : 1,

"$clusterTime" : {

"clusterTime" : Timestamp(1635000423, 8),

"signature" : {

"hash" : BinData(0,"VvlhNfiEVHtGYp5wVRORMbqPEjY="),

"keyId" : NumberLong("6960370896921952257")

}

},

"operationTime" : Timestamp(1635000423, 8)

}

1:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.find({$text:{$search:"Bilbo"}})

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b8"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R. Tolkein", "year" : 2013, "franchise" : "The Hobbit", "synopsis" : "The dwarves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of a mysterious and magical ring." }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b9"), "title" : "the Hobbit: The Battle of the Five Armies", "writer" : "J.R.R. Tolkein", "year" : 2012, "franchise" : "The Hobbit", "synopsis" : "Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness." }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b7"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : 2012, "franchise" : "The Hobbit", "synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug." }

2:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.find({$text:{$search:"Gandalf"}})

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b8"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R. Tolkein", "year" : 2013, "franchise" : "The Hobbit", "synopsis" : "The dwarves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of a mysterious and magical ring." }

3:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.find({$text:{$search:"Bilbo -Gandalf"}})

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b9"), "title" : "the Hobbit: The Battle of the Five Armies", "writer" : "J.R.R. Tolkein", "year" : 2012, "franchise" : "The Hobbit", "synopsis" : "Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness." }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b7"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : 2012, "franchise" : "The Hobbit", "synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug." }

4:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.find({$text:{$search:"dwarves hobbit"}})

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b7"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : 2012, "franchise" : "The Hobbit", "synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug." }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b8"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R. Tolkein", "year" : 2013, "franchise" : "The Hobbit", "synopsis" : "The dwarves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of a mysterious and magical ring." }

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY>

5:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.find({$text:{$search:"gold dragon"}})

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b7"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : 2012, "franchise" : "The Hobbit", "synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug." }

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY>

Delete Documents

1:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.deleteOne({title:"Pee Wee Herman's Big Adventure"})

{ "acknowledged" : true, "deletedCount" : 1 }

2:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.deleteOne({title:"Avatar"})

{ "acknowledged" : true, "deletedCount" : 1 }

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.movies.find()

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b4"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : 1999, "actors" : [ "Brad Pitt", "Edward Norton" ] }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b5"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : 1994, "actors" : [ "John Travolta", "Uma Thurman", "Samuel L. Jackson" ] }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b6"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : 2009, "actors" : [ "Brad Pitt", "Diane Kruger", "Eli Roth" ] }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b7"), "title" : "The Hobbit: An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : 2012, "franchise" : "The Hobbit", "synopsis" : "A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of dwarves to reclaim their mountain home - and the gold within it - from the dragon Smaug." }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b8"), "title" : "The Hobbit: The Desolation of Smaug", "writer" : "J.R.R. Tolkein", "year" : 2013, "franchise" : "The Hobbit", "synopsis" : "The dwarves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins is in possession of a mysterious and magical ring." }

{ "\_id" : ObjectId("617406850c8b83d6c4ebd9b9"), "title" : "the Hobbit: The Battle of the Five Armies", "writer" : "J.R.R. Tolkein", "year" : 2012, "franchise" : "The Hobbit", "synopsis" : "Bilbo and Company are forced to engage in a war against an array of combatants and keep the Lonely Mountain from falling into the hands of a rising darkness." }

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY>

Relationships

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.createCollection("users")

{

"operationTime" : Timestamp(1635065935, 1),

"ok" : 0,

"errmsg" : "Collection already exists. NS: mongo\_practice.users",

"code" : 48,

"codeName" : "NamespaceExists",

"$clusterTime" : {

"clusterTime" : Timestamp(1635065935, 1),

"signature" : {

"hash" : BinData(0,"HWoDb6Y/4Cy7Cu109e8hMBJWhZ4="),

"keyId" : NumberLong("6960370896921952257")

}

}

}

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.users.insertMany([{username:"GoodGuyGreg",first\_name:"Good Guy",last\_name:"Greg"},{username:"ScumbagSteve",full\_name:[{first:"Scumbag",last:"Steve"}]}])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("6175222240dd280e4e34d3bb"),

ObjectId("6175222240dd280e4e34d3bc")

]

}

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.users.find()

{ "\_id" : ObjectId("6175222240dd280e4e34d3bb"), "username" : "GoodGuyGreg", "first\_name" : "Good Guy", "last\_name" : "Greg" }

{ "\_id" : ObjectId("6175222240dd280e4e34d3bc"), "username" : "ScumbagSteve", "full\_name" : [ { "first" : "Scumbag", "last" : "Steve" } ] }

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.createCollection("posts")

{

"ok" : 1,

"$clusterTime" : {

"clusterTime" : Timestamp(1635066524, 1),

"signature" : {

"hash" : BinData(0,"/ltGZlhg+0QStWAxcqhrWt92GKA="),

"keyId" : NumberLong("6960370896921952257")

}

},

"operationTime" : Timestamp(1635066524, 1)

}

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.insertMany([{username:"GoodGuyGreg",title:"Passes out at party",body:"Wakes up early and cleans house"},{username:"GoodGuyGreg",title:"Steals your identity",body:"Raises your credit score"},{username:"GoodGuyGreg",title:"Reports a bug in your code",body:"Sends you a Pull Request"},{username:"ScumbagSteve",title:"Borrows something",body:"Sells it"},{username:"ScumbagSteve",title:"Borrows everything",body:"The end"},{username:"ScumbagSteve",title:"Forks your repo on github",body:"Sets to private"}])

uncaught exception: TypeError: db.insertMany is not a function :

@(shell):1:1

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.posts.insertMany([{username:"GoodGuyGreg",title:"Passes out at party",body:"Wakes up early and cleans house"},{username:"GoodGuyGreg",title:"Steals your identity",body:"Raises your credit score"},{username:"GoodGuyGreg",title:"Reports a bug in your code",body:"Sends you a Pull Request"},{username:"ScumbagSteve",title:"Borrows something",body:"Sells it"},{username:"ScumbagSteve",title:"Borrows everything",body:"The end"},{username:"ScumbagSteve",title:"Forks your repo on github",body:"Sets to private"}])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("617528b240dd280e4e34d3bd"),

ObjectId("617528b240dd280e4e34d3be"),

ObjectId("617528b240dd280e4e34d3bf"),

ObjectId("617528b240dd280e4e34d3c0"),

ObjectId("617528b240dd280e4e34d3c1"),

ObjectId("617528b240dd280e4e34d3c2")

]

}

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.posts.find()

{ "\_id" : ObjectId("617528b240dd280e4e34d3bd"), "username" : "GoodGuyGreg", "title" : "Passes out at party", "body" : "Wakes up early and cleans house" }

{ "\_id" : ObjectId("617528b240dd280e4e34d3be"), "username" : "GoodGuyGreg", "title" : "Steals your identity", "body" : "Raises your credit score" }

{ "\_id" : ObjectId("617528b240dd280e4e34d3bf"), "username" : "GoodGuyGreg", "title" : "Reports a bug in your code", "body" : "Sends you a Pull Request" }

{ "\_id" : ObjectId("617528b240dd280e4e34d3c0"), "username" : "ScumbagSteve", "title" : "Borrows something", "body" : "Sells it" }

{ "\_id" : ObjectId("617528b240dd280e4e34d3c1"), "username" : "ScumbagSteve", "title" : "Borrows everything", "body" : "The end" }

{ "\_id" : ObjectId("617528b240dd280e4e34d3c2"), "username" : "ScumbagSteve", "title" : "Forks your repo on github", "body" : "Sets to private" }

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.createCollection("comments")

{

"ok" : 1,

"$clusterTime" : {

"clusterTime" : Timestamp(1635068167, 4),

"signature" : {

"hash" : BinData(0,"+MjmdMtNqiKgnJzcnr0eqliwtWY="),

"keyId" : NumberLong("6960370896921952257")

}

},

"operationTime" : Timestamp(1635068167, 4)

}

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.comments.insertMany([{username:"GoodGuyGreg",comment:"Hope you got a good deal!",post:"617528b240dd280e4e34d3c0"},{username:"GoodGuyGreg",comment:"What's mine is yours!",post:"617528b240dd280e4e34d3c1"},{username:"GoodGuyGreg",comment:"Don't violate the licensing agreement!",post:"617528b240dd280e4e34d3c2"},{username:"ScumbagSteve",comment:"It still isn't clean",post:"617528b240dd280e4e34d3bd"},{username:"ScumbagSteve",comment:"Denied your PR cause I found a hack",post:"617528b240dd280e4e34d3bf"}])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("61752d3c40dd280e4e34d3c3"),

ObjectId("61752d3c40dd280e4e34d3c4"),

ObjectId("61752d3c40dd280e4e34d3c5"),

ObjectId("61752d3c40dd280e4e34d3c6"),

ObjectId("61752d3c40dd280e4e34d3c7")

]

}

1:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.users.find()

{ "\_id" : ObjectId("6175222240dd280e4e34d3bb"), "username" : "GoodGuyGreg", "first\_name" : "Good Guy", "last\_name" : "Greg" }

{ "\_id" : ObjectId("6175222240dd280e4e34d3bc"), "username" : "ScumbagSteve", "full\_name" : [ { "first" : "Scumbag", "last" : "Steve" } ] }

2:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.posts.find()

{ "\_id" : ObjectId("617528b240dd280e4e34d3bd"), "username" : "GoodGuyGreg", "title" : "Passes out at party", "body" : "Wakes up early and cleans house" }

{ "\_id" : ObjectId("617528b240dd280e4e34d3be"), "username" : "GoodGuyGreg", "title" : "Steals your identity", "body" : "Raises your credit score" }

{ "\_id" : ObjectId("617528b240dd280e4e34d3bf"), "username" : "GoodGuyGreg", "title" : "Reports a bug in your code", "body" : "Sends you a Pull Request" }

{ "\_id" : ObjectId("617528b240dd280e4e34d3c0"), "username" : "ScumbagSteve", "title" : "Borrows something", "body" : "Sells it" }

{ "\_id" : ObjectId("617528b240dd280e4e34d3c1"), "username" : "ScumbagSteve", "title" : "Borrows everything", "body" : "The end" }

{ "\_id" : ObjectId("617528b240dd280e4e34d3c2"), "username" : "ScumbagSteve", "title" : "Forks your repo on github", "body" : "Sets to private" }

3:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.posts.find({username:"GoodGuyGreg"})

{ "\_id" : ObjectId("617528b240dd280e4e34d3bd"), "username" : "GoodGuyGreg", "title" : "Passes out at party", "body" : "Wakes up early and cleans house" }

{ "\_id" : ObjectId("617528b240dd280e4e34d3be"), "username" : "GoodGuyGreg", "title" : "Steals your identity", "body" : "Raises your credit score" }

{ "\_id" : ObjectId("617528b240dd280e4e34d3bf"), "username" : "GoodGuyGreg", "title" : "Reports a bug in your code", "body" : "Sends you a Pull Request" }

4:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.posts.find({username:"ScumbagSteve"})

{ "\_id" : ObjectId("617528b240dd280e4e34d3c0"), "username" : "ScumbagSteve", "title" : "Borrows something", "body" : "Sells it" }

{ "\_id" : ObjectId("617528b240dd280e4e34d3c1"), "username" : "ScumbagSteve", "title" : "Borrows everything", "body" : "The end" }

{ "\_id" : ObjectId("617528b240dd280e4e34d3c2"), "username" : "ScumbagSteve", "title" : "Forks your repo on github", "body" : "Sets to private" }

5:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.comments.find()

{ "\_id" : ObjectId("61752d3c40dd280e4e34d3c3"), "username" : "GoodGuyGreg", "comment" : "Hope you got a good deal!", "post" : "617528b240dd280e4e34d3c0" }

{ "\_id" : ObjectId("61752d3c40dd280e4e34d3c4"), "username" : "GoodGuyGreg", "comment" : "What's mine is yours!", "post" : "617528b240dd280e4e34d3c1" }

{ "\_id" : ObjectId("61752d3c40dd280e4e34d3c5"), "username" : "GoodGuyGreg", "comment" : "Don't violate the licensing agreement!", "post" : "617528b240dd280e4e34d3c2" }

{ "\_id" : ObjectId("61752d3c40dd280e4e34d3c6"), "username" : "ScumbagSteve", "comment" : "It still isn't clean", "post" : "617528b240dd280e4e34d3bd" }

{ "\_id" : ObjectId("61752d3c40dd280e4e34d3c7"), "username" : "ScumbagSteve", "comment" : "Denied your PR cause I found a hack", "post" : "617528b240dd280e4e34d3bf" }

6:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.comments.find({username:"GoodGuyGreg"})

{ "\_id" : ObjectId("61752d3c40dd280e4e34d3c3"), "username" : "GoodGuyGreg", "comment" : "Hope you got a good deal!", "post" : "617528b240dd280e4e34d3c0" }

{ "\_id" : ObjectId("61752d3c40dd280e4e34d3c4"), "username" : "GoodGuyGreg", "comment" : "What's mine is yours!", "post" : "617528b240dd280e4e34d3c1" }

{ "\_id" : ObjectId("61752d3c40dd280e4e34d3c5"), "username" : "GoodGuyGreg", "comment" : "Don't violate the licensing agreement!", "post" : "617528b240dd280e4e34d3c2" }

7:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.comments.find({username:"ScumbagSteve"})

{ "\_id" : ObjectId("61752d3c40dd280e4e34d3c6"), "username" : "ScumbagSteve", "comment" : "It still isn't clean", "post" : "617528b240dd280e4e34d3bd" }

{ "\_id" : ObjectId("61752d3c40dd280e4e34d3c7"), "username" : "ScumbagSteve", "comment" : "Denied your PR cause I found a hack", "post" : "617528b240dd280e4e34d3bf" }

8:

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY> db.posts.find({title:"Reports a bug in your code"})

{ "\_id" : ObjectId("617528b240dd280e4e34d3bf"), "username" : "GoodGuyGreg", "title" : "Reports a bug in your code", "body" : "Sends you a Pull Request" }

MongoDB Enterprise atlas-10xmcm-shard-0:PRIMARY>