**MongoDB Exercise in mongo shell**

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

switched to db mongo\_practice

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

{

"ok" : 1,

"$clusterTime" : {

"clusterTime" : Timestamp(1635057912, 11),

"signature" : {

"hash" : BinData(0,"Zoq/K33iCg5i5kQvtW1xRvYBtqY="),

"keyId" : NumberLong("6961455118466154498")

}

},

"operationTime" : Timestamp(1635057912, 11)

}

MongoDB Enterprise atlas-ouvvpg-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("6175019dc0796effdb8d782c"),

ObjectId("6175019dc0796effdb8d782d"),

ObjectId("6175019dc0796effdb8d782e"),

ObjectId("6175019dc0796effdb8d782f"),

ObjectId("6175019dc0796effdb8d7830"),

ObjectId("6175019dc0796effdb8d7831"),

ObjectId("6175019dc0796effdb8d7832"),

ObjectId("6175019dc0796effdb8d7833")

]

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.find().pretty()

{

"\_id" : ObjectId("6175019dc0796effdb8d782c"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782d"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782e"),

"title" : "Inglorious basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782f"),

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

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

"year" : 2012,

"franchise" : "the Hobbit"

}

{

"\_id" : ObjectId("6175019dc0796effdb8d7830"),

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

"writer" : "J.R.R. tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("6175019dc0796effdb8d7831"),

"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("6175019dc0796effdb8d7832"),

"title" : "Pee Wee Herman's Big Adventure"

}

{ "\_id" : ObjectId("6175019dc0796effdb8d7833"), "title" : "Avatar" }

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

{ "\_id" : ObjectId("6175019dc0796effdb8d782d"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : 1994, "actors" : [ "John Travolta", "Uma Thurman" ] }

{ "\_id" : ObjectId("6175019dc0796effdb8d782e"), "title" : "Inglorious basterds", "writer" : "Quentin Tarantino", "year" : 2009, "actors" : [ "Brad Pitt", "diane Kruger", "Eli Roth" ] }

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

{

"\_id" : ObjectId("6175019dc0796effdb8d782d"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782e"),

"title" : "Inglorious basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"diane Kruger",

"Eli Roth"

]

}

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

{

"\_id" : ObjectId("6175019dc0796effdb8d782c"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782e"),

"title" : "Inglorious basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"diane Kruger",

"Eli Roth"

]

}

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

{

"\_id" : ObjectId("6175019dc0796effdb8d7830"),

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

"writer" : "J.R.R. tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("6175019dc0796effdb8d7831"),

"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-ouvvpg-shard-0:PRIMARY> db.movies.find({year:{$lte:1999}}).pretty()

{

"\_id" : ObjectId("6175019dc0796effdb8d782c"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782d"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.find({

... $or:

... [

... {

... year:{$lt:2000}},{year:{$gt:2012}}

... ]

... }).pretty()

{

"\_id" : ObjectId("6175019dc0796effdb8d782c"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782d"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d7830"),

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

"writer" : "J.R.R. tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

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

{

"\_id" : ObjectId("6175019dc0796effdb8d782c"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782d"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782f"),

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

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

"year" : 2012,

"franchise" : "the Hobbit"

}

{

"\_id" : ObjectId("6175019dc0796effdb8d7830"),

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

"writer" : "J.R.R. tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("6175019dc0796effdb8d7831"),

"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-ouvvpg-shard-0:PRIMARY> db.movies.updateOne(

... {title:"The Hobbit: An Unexpected Journey"},

... {$set:{synopsis:"A reluctant hobbit,

uncaught exception: SyntaxError: "" literal not terminated before end of script :

@(shell):3:37

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of

uncaught exception: SyntaxError: unexpected token: identifier :

@(shell):1:6

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> dwarves to reclaim their mountain home - and the gold within it - from the

uncaught exception: SyntaxError: unexpected token: identifier :

@(shell):1:8

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.updateOne( {title:"The Hobbit: An Unexpected Journey"}, {$set:{synopsis:"A reluctant hobbit,Bilbo Baggins, sets out to the Lonely Mountain with a spirited group of

uncaught exception: SyntaxError: "" literal not terminated before end of script :

@(shell):1:173

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> dwarves to reclaim their mountain home - and the gold within it - from the

uncaught exception: SyntaxError: unexpected token: identifier :

@(shell):1:8

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.updateOne( {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}})

uncaught exception: SyntaxError: "" literal not terminated before end of script :

@(shell):1:264

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.findOneAndUpdate(

... {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"}}

... )

{

"\_id" : ObjectId("6175019dc0796effdb8d782f"),

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

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

"year" : 2012,

"franchise" : "the Hobbit"

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.find({title:"The Hobbit: An Unexpected Journey"})

{ "\_id" : ObjectId("6175019dc0796effdb8d782f"), "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-ouvvpg-shard-0:PRIMARY> db.movies.find({title:"The Hobbit: An Unexpected Journey"}).pretty()

{

"\_id" : ObjectId("6175019dc0796effdb8d782f"),

"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-ouvvpg-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."}})

uncaught exception: SyntaxError: missing ) after argument list :

@(shell):3:0

MongoDB Enterprise atlas-ouvvpg-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."}})

uncaught exception: SyntaxError: missing ) after argument list :

@(shell):1:64

MongoDB Enterprise atlas-ouvvpg-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."}})

uncaught exception: SyntaxError: missing ) after argument list :

@(shell):1:64

MongoDB Enterprise atlas-ouvvpg-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" : 0, "nUpserted" : 0, "nModified" : 0 })

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.find({title:"The Hobbit: The Desolation of Smaug"})

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.findOne({title:"The Hobbit: The Desolation of Smaug"}).pretty()

uncaught exception: TypeError: db.movies.findOne(...) is null :

@(shell):1:1

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.findOneAndUpdate( {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."}})

null

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.find().pretty()

{

"\_id" : ObjectId("6175019dc0796effdb8d782c"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782d"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782e"),

"title" : "Inglorious basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782f"),

"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("6175019dc0796effdb8d7830"),

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

"writer" : "J.R.R. tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("6175019dc0796effdb8d7831"),

"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("6175019dc0796effdb8d7832"),

"title" : "Pee Wee Herman's Big Adventure"

}

{ "\_id" : ObjectId("6175019dc0796effdb8d7833"), "title" : "Avatar" }

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies,findOneAndUpdate(

... {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."}}

... )

uncaught exception: ReferenceError: findOneAndUpdate is not defined :

@(shell):1:11

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.findOneAndUpdate( {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."}} )

null

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.updateOne( {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."}} )

{ "acknowledged" : true, "matchedCount" : 0, "modifiedCount" : 0 }

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.find({title:"The Hobbit: The Desolation of Smaug"})

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.findOne({title:"The Hobbit: The Desolation of Smaug"})

null

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.findOne({title:"The Hobbit: The Desolation of Smaug"}).pretty()

uncaught exception: TypeError: db.movies.findOne(...) is null :

@(shell):1:1

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.find({title:"The Hobbit: The Desolation of Smaug"}).pretty()

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

{ "\_id" : ObjectId("6175019dc0796effdb8d782c"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : 1999, "actors" : [ "Brad Pitt", "Edward Norton" ] }

{ "\_id" : ObjectId("6175019dc0796effdb8d782d"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : 1994, "actors" : [ "John Travolta", "Uma Thurman" ] }

{ "\_id" : ObjectId("6175019dc0796effdb8d782e"), "title" : "Inglorious basterds", "writer" : "Quentin Tarantino", "year" : 2009, "actors" : [ "Brad Pitt", "diane Kruger", "Eli Roth" ] }

{ "\_id" : ObjectId("6175019dc0796effdb8d782f"), "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("6175019dc0796effdb8d7830"), "title" : "The Hobbit:The Desolation of Smaug", "writer" : "J.R.R. tolkein", "year" : 2013, "franchise" : "The Hobbit" }

{ "\_id" : ObjectId("6175019dc0796effdb8d7831"), "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("6175019dc0796effdb8d7832"), "title" : "Pee Wee Herman's Big Adventure" }

{ "\_id" : ObjectId("6175019dc0796effdb8d7833"), "title" : "Avatar" }

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.find().pretty()

{

"\_id" : ObjectId("6175019dc0796effdb8d782c"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782d"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782e"),

"title" : "Inglorious basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782f"),

"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("6175019dc0796effdb8d7830"),

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

"writer" : "J.R.R. tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("6175019dc0796effdb8d7831"),

"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("6175019dc0796effdb8d7832"),

"title" : "Pee Wee Herman's Big Adventure"

}

{ "\_id" : ObjectId("6175019dc0796effdb8d7833"), "title" : "Avatar" }

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.updateOne( {\_id:"6175019dc0796effdb8d7830"}, {$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."}} )

{ "acknowledged" : true, "matchedCount" : 0, "modifiedCount" : 0 }

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.find().pretty()

{

"\_id" : ObjectId("6175019dc0796effdb8d782c"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782d"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782e"),

"title" : "Inglorious basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782f"),

"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("6175019dc0796effdb8d7830"),

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

"writer" : "J.R.R. tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("6175019dc0796effdb8d7831"),

"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("6175019dc0796effdb8d7832"),

"title" : "Pee Wee Herman's Big Adventure"

}

{ "\_id" : ObjectId("6175019dc0796effdb8d7833"), "title" : "Avatar" }

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.update(

... {title:"The Hobbit:The Desolation of Smaug"},

... db.movies.find().pretty()

... }

uncaught exception: SyntaxError: missing ) after argument list :

@(shell):4:0

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.updateOne( {\_id:"6175019dc0796effdb8d7830"}, {$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."}} )

{ "acknowledged" : true, "matchedCount" : 0, "modifiedCount" : 0 }

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY>

MongoDB Enterprise atlas-ouvvpg-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-ouvvpg-shard-0:PRIMARY> db.movies.find({title:"The Hobbit:The Desolation of Smaug"})

{ "\_id" : ObjectId("6175019dc0796effdb8d7830"), "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-ouvvpg-shard-0:PRIMARY> db.movies.find({title:"The Hobbit:The Desolation of Smaug"}).pretty()

{

"\_id" : ObjectId("6175019dc0796effdb8d7830"),

"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-ouvvpg-shard-0:PRIMARY> db.movies.update(

... {title:"Pulp Fiction"}

... ,{$set:{actors:"Samuel L. Jackson"}}

... )

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

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

{ "\_id" : ObjectId("6175019dc0796effdb8d782d"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : 1994, "actors" : "Samuel L. Jackson" }

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

function() {

this.\_prettyShell = true;

return this;

}

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

{

"\_id" : ObjectId("6175019dc0796effdb8d782d"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : "Samuel L. Jackson"

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.update( {title:"Pulp Fiction"} ,{$set:{actors:["Samuel L. Jackson"]}} )

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

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

{

"\_id" : ObjectId("6175019dc0796effdb8d782d"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"Samuel L. Jackson"

]

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.find().pretty()

{

"\_id" : ObjectId("6175019dc0796effdb8d782c"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782d"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"Samuel L. Jackson"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782e"),

"title" : "Inglorious basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("6175019dc0796effdb8d782f"),

"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("6175019dc0796effdb8d7830"),

"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("6175019dc0796effdb8d7831"),

"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("6175019dc0796effdb8d7832"),

"title" : "Pee Wee Herman's Big Adventure"

}

{ "\_id" : ObjectId("6175019dc0796effdb8d7833"), "title" : "Avatar" }

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.update( {title:"Pulp Fiction"} ,{$set:{actors:["John Travolta","Uma Thurman"]}} )

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

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

{

"\_id" : ObjectId("6175019dc0796effdb8d782d"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

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

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

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

{

"\_id" : ObjectId("6175019dc0796effdb8d782d"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman",

"Samuel L. Jackson"

]

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.messages.createIndex({synopsis:"text"})

{

"createdCollectionAutomatically" : true,

"numIndexesBefore" : 1,

"numIndexesAfter" : 2,

"commitQuorum" : "votingMembers",

"ok" : 1,

"$clusterTime" : {

"clusterTime" : Timestamp(1635065608, 6),

"signature" : {

"hash" : BinData(0,"o0OfigVOeHN6DhuDOJeEiIBJgMA="),

"keyId" : NumberLong("6961455118466154498")

}

},

"operationTime" : Timestamp(1635065608, 5)

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> show dbs

admin 0.000GB

local 10.829GB

mongo\_practice 0.000GB

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

{

"createdCollectionAutomatically" : false,

"numIndexesBefore" : 1,

"numIndexesAfter" : 2,

"commitQuorum" : "votingMembers",

"ok" : 1,

"$clusterTime" : {

"clusterTime" : Timestamp(1635065860, 29),

"signature" : {

"hash" : BinData(0,"tYA7vX3jwJF2Ov1pHbPYPhkaJj0="),

"keyId" : NumberLong("6961455118466154498")

}

},

"operationTime" : Timestamp(1635065860, 29)

}

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

{

"\_id" : ObjectId("6175019dc0796effdb8d7830"),

"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("6175019dc0796effdb8d7831"),

"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("6175019dc0796effdb8d782f"),

"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-ouvvpg-shard-0:PRIMARY> db.movies.find({$text:{$search:"Gandalf"}}).pretty()

{

"\_id" : ObjectId("6175019dc0796effdb8d7830"),

"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-ouvvpg-shard-0:PRIMARY> db.movies.find({$text:{$search:"Bilbo -Gandalf"}}).pretty()

{

"\_id" : ObjectId("6175019dc0796effdb8d7831"),

"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("6175019dc0796effdb8d782f"),

"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-ouvvpg-shard-0:PRIMARY> db.movies.find({$text:{$search:"Bilbo-Gandalf"}}).pretty()

{

"\_id" : ObjectId("6175019dc0796effdb8d7830"),

"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("6175019dc0796effdb8d7831"),

"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("6175019dc0796effdb8d782f"),

"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-ouvvpg-shard-0:PRIMARY> db.movies.find({$text:{$search:"dwarves hobbit"}}).pretty()

{

"\_id" : ObjectId("6175019dc0796effdb8d782f"),

"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("6175019dc0796effdb8d7830"),

"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-ouvvpg-shard-0:PRIMARY> db.movies.find({$text:{$search:"gold" "dragon"}}).pretty()

uncaught exception: SyntaxError: missing } after property list :

@(shell):1:38

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

uncaught exception: SyntaxError: missing : after property id :

@(shell):1:46

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

{

"\_id" : ObjectId("6175019dc0796effdb8d782f"),

"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-ouvvpg-shard-0:PRIMARY> db.movies.deleteOne({title:"Pee Wee Herman's Big Adventure"})

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

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.find().pretty()

{

"\_id" : ObjectId("61752e25c0796effdb8d7834"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("61752e25c0796effdb8d7835"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("61752e25c0796effdb8d7836"),

"title" : "Inglorious basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("61752e25c0796effdb8d7837"),

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

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

"year" : 2012,

"franchise" : "the Hobbit"

}

{

"\_id" : ObjectId("61752e25c0796effdb8d7838"),

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

"writer" : "J.R.R. tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("61752e25c0796effdb8d7839"),

"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("61752e25c0796effdb8d783b"), "title" : "Avatar" }

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

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

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.movies.find().pretty()

{

"\_id" : ObjectId("61752e25c0796effdb8d7834"),

"title" : "Fight Club",

"writer" : "Chuck Palahniuko",

"year" : 1999,

"actors" : [

"Brad Pitt",

"Edward Norton"

]

}

{

"\_id" : ObjectId("61752e25c0796effdb8d7835"),

"title" : "Pulp Fiction",

"writer" : "Quentin Tarantino",

"year" : 1994,

"actors" : [

"John Travolta",

"Uma Thurman"

]

}

{

"\_id" : ObjectId("61752e25c0796effdb8d7836"),

"title" : "Inglorious basterds",

"writer" : "Quentin Tarantino",

"year" : 2009,

"actors" : [

"Brad Pitt",

"diane Kruger",

"Eli Roth"

]

}

{

"\_id" : ObjectId("61752e25c0796effdb8d7837"),

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

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

"year" : 2012,

"franchise" : "the Hobbit"

}

{

"\_id" : ObjectId("61752e25c0796effdb8d7838"),

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

"writer" : "J.R.R. tolkein",

"year" : 2013,

"franchise" : "The Hobbit"

}

{

"\_id" : ObjectId("61752e25c0796effdb8d7839"),

"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."

}

**Relationships**

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

switched to db mongo\_practice

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

{

"ok" : 1,

"$clusterTime" : {

"clusterTime" : Timestamp(1635080391, 11),

"signature" : {

"hash" : BinData(0,"lOz0HqlNxAAYgkziHvKP86PPB00="),

"keyId" : NumberLong("6961455118466154498")

}

},

"operationTime" : Timestamp(1635080391, 10)

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.users.insertMany([

... {username:"GoodGuyGreg",

... first\_name:"good Guy",

... last\_name:"Greg"},

... {username:"ScumbagSteve",

... full\_name:[

... {first:"Scumbag",last:"Steve"}]}])

uncaught exception: SyntaxError: missing ] after element list :

@(shell):5:0

MongoDB Enterprise atlas-ouvvpg-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("61755b10cbd99905a5846f08"),

ObjectId("61755b10cbd99905a5846f09")

]

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.users.find().pretty()

{

"\_id" : ObjectId("61755b10cbd99905a5846f08"),

"username" : "GoodGuyGreg",

"first\_name" : "good Guy",

"last\_name" : "Greg"

}

{

"\_id" : ObjectId("61755b10cbd99905a5846f09"),

"username" : "ScumbagSteve",

"full\_name" : [

{

"first" : "Scumbag",

"last" : "Steve"

}

]

}

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

{

"ok" : 1,

"$clusterTime" : {

"clusterTime" : Timestamp(1635081125, 6),

"signature" : {

"hash" : BinData(0,"ziCBOhfhxQRv19pl0ANTVL8btuM="),

"keyId" : NumberLong("6961455118466154498")

}

},

"operationTime" : Timestamp(1635081125, 6)

}

MongoDB Enterprise atlas-ouvvpg-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:"ScumbadSteve",title:"Forks your repo on github",body:"Sets to private"}])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("61755f75cbd99905a5846f0a"),

ObjectId("61755f75cbd99905a5846f0b"),

ObjectId("61755f75cbd99905a5846f0c"),

ObjectId("61755f75cbd99905a5846f0d"),

ObjectId("61755f75cbd99905a5846f0e"),

ObjectId("61755f75cbd99905a5846f0f")

]

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.posts.find().pretty()

{

"\_id" : ObjectId("61755f75cbd99905a5846f0a"),

"username" : "GoodGuyGreg",

"title" : "Passes out at party",

"body" : "Wakes up early and cleans house"

}

{

"\_id" : ObjectId("61755f75cbd99905a5846f0b"),

"username" : "GoodGuyGreg",

"title" : "Steals your identity",

"body" : "Raises your credit score"

}

{

"\_id" : ObjectId("61755f75cbd99905a5846f0c"),

"username" : "GoodGuyGreg",

"title" : "Reports a bug in your code",

"body" : "Sends you a Pull Request"

}

{

"\_id" : ObjectId("61755f75cbd99905a5846f0d"),

"username" : "ScumbagSteve",

"title" : "Borrows something",

"body" : "Sells it"

}

{

"\_id" : ObjectId("61755f75cbd99905a5846f0e"),

"username" : "ScumbagSteve",

"title" : "Borrows everything",

"body" : "The end"

}

{

"\_id" : ObjectId("61755f75cbd99905a5846f0f"),

"username" : "ScumbadSteve",

"title" : "Forks your repo on github",

"body" : "Sets to private"

}

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

{

"ok" : 1,

"$clusterTime" : {

"clusterTime" : Timestamp(1635082278, 10),

"signature" : {

"hash" : BinData(0,"wjEq/OFxzz1yNFAEv8/6P+aZIT4="),

"keyId" : NumberLong("6961455118466154498")

}

},

"operationTime" : Timestamp(1635082278, 8)

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.comments.insertMany([ {username:"GoodGuyGreg",comment:"Hope you got a good deal!",post:ObjectId("61755f75cbd99905a5846f0d")}, {username:"GoodGuyGreg",comment:""What's mine is yours!",post:ObjectId("61755f75cbd99905a5846f0e")},{username:"GoodGuyGreg",comment:"Don't violate the licensing agreement",post:ObjectId("61755f75cbd99905a5846f0f")},{username:"ScumbagSteve",comment:"It still isn't clean",post:ObjectId("61755f75cbd99905a5846f0a")},{username:"ScumbagSteve",comment:"Denied your PR cause I found a hack",post:ObjectId("61755f75cbd99905a5846f0c")}])

uncaught exception: SyntaxError: missing } after property list :

@(shell):1:163

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.comments.insertMany([{username:"GoodGuyGreg",comment:"Hope you got a good deal!",post:ObjectId("61755f75cbd99905a5846f0d")},{username:"GoodGuyGreg",comment:"What's mine is yours!",post:ObjectId("61755f75cbd99905a5846f0e")},{username:"GoodGuyGreg",comment:"Don't violate the licensing agreement",post:ObjectId("61755f75cbd99905a5846f0f")},{username:"ScumbagSteve",comment:"It still isn't clean",post:ObjectId("61755f75cbd99905a5846f0a")},{username:"ScumbagSteve",comment:"Denied your PR cause I found a hack",post:ObjectId("61755f75cbd99905a5846f0c")}])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("61756976cbd99905a5846f10"),

ObjectId("61756976cbd99905a5846f11"),

ObjectId("61756976cbd99905a5846f12"),

ObjectId("61756976cbd99905a5846f13"),

ObjectId("61756976cbd99905a5846f14")

]

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.comments.find().pretty()

{

"\_id" : ObjectId("61756976cbd99905a5846f10"),

"username" : "GoodGuyGreg",

"comment" : "Hope you got a good deal!",

"post" : ObjectId("61755f75cbd99905a5846f0d")

}

{

"\_id" : ObjectId("61756976cbd99905a5846f11"),

"username" : "GoodGuyGreg",

"comment" : "What's mine is yours!",

"post" : ObjectId("61755f75cbd99905a5846f0e")

}

{

"\_id" : ObjectId("61756976cbd99905a5846f12"),

"username" : "GoodGuyGreg",

"comment" : "Don't violate the licensing agreement",

"post" : ObjectId("61755f75cbd99905a5846f0f")

}

{

"\_id" : ObjectId("61756976cbd99905a5846f13"),

"username" : "ScumbagSteve",

"comment" : "It still isn't clean",

"post" : ObjectId("61755f75cbd99905a5846f0a")

}

{

"\_id" : ObjectId("61756976cbd99905a5846f14"),

"username" : "ScumbagSteve",

"comment" : "Denied your PR cause I found a hack",

"post" : ObjectId("61755f75cbd99905a5846f0c")

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.users.find().pretty()

{

"\_id" : ObjectId("61755b10cbd99905a5846f08"),

"username" : "GoodGuyGreg",

"first\_name" : "good Guy",

"last\_name" : "Greg"

}

{

"\_id" : ObjectId("61755b10cbd99905a5846f09"),

"username" : "ScumbagSteve",

"full\_name" : [

{

"first" : "Scumbag",

"last" : "Steve"

}

]

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.posts.find().pretty()

{

"\_id" : ObjectId("61755f75cbd99905a5846f0a"),

"username" : "GoodGuyGreg",

"title" : "Passes out at party",

"body" : "Wakes up early and cleans house"

}

{

"\_id" : ObjectId("61755f75cbd99905a5846f0b"),

"username" : "GoodGuyGreg",

"title" : "Steals your identity",

"body" : "Raises your credit score"

}

{

"\_id" : ObjectId("61755f75cbd99905a5846f0c"),

"username" : "GoodGuyGreg",

"title" : "Reports a bug in your code",

"body" : "Sends you a Pull Request"

}

{

"\_id" : ObjectId("61755f75cbd99905a5846f0d"),

"username" : "ScumbagSteve",

"title" : "Borrows something",

"body" : "Sells it"

}

{

"\_id" : ObjectId("61755f75cbd99905a5846f0e"),

"username" : "ScumbagSteve",

"title" : "Borrows everything",

"body" : "The end"

}

{

"\_id" : ObjectId("61755f75cbd99905a5846f0f"),

"username" : "ScumbadSteve",

"title" : "Forks your repo on github",

"body" : "Sets to private"

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.posts.find(username:"GoodGuyGreg").pretty()

uncaught exception: SyntaxError: missing ) after argument list :

@(shell):1:22

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

{

"\_id" : ObjectId("61755f75cbd99905a5846f0a"),

"username" : "GoodGuyGreg",

"title" : "Passes out at party",

"body" : "Wakes up early and cleans house"

}

{

"\_id" : ObjectId("61755f75cbd99905a5846f0b"),

"username" : "GoodGuyGreg",

"title" : "Steals your identity",

"body" : "Raises your credit score"

}

{

"\_id" : ObjectId("61755f75cbd99905a5846f0c"),

"username" : "GoodGuyGreg",

"title" : "Reports a bug in your code",

"body" : "Sends you a Pull Request"

}

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

{

"\_id" : ObjectId("61755f75cbd99905a5846f0d"),

"username" : "ScumbagSteve",

"title" : "Borrows something",

"body" : "Sells it"

}

{

"\_id" : ObjectId("61755f75cbd99905a5846f0e"),

"username" : "ScumbagSteve",

"title" : "Borrows everything",

"body" : "The end"

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.comments.find().pretty()

{

"\_id" : ObjectId("61756976cbd99905a5846f10"),

"username" : "GoodGuyGreg",

"comment" : "Hope you got a good deal!",

"post" : ObjectId("61755f75cbd99905a5846f0d")

}

{

"\_id" : ObjectId("61756976cbd99905a5846f11"),

"username" : "GoodGuyGreg",

"comment" : "What's mine is yours!",

"post" : ObjectId("61755f75cbd99905a5846f0e")

}

{

"\_id" : ObjectId("61756976cbd99905a5846f12"),

"username" : "GoodGuyGreg",

"comment" : "Don't violate the licensing agreement",

"post" : ObjectId("61755f75cbd99905a5846f0f")

}

{

"\_id" : ObjectId("61756976cbd99905a5846f13"),

"username" : "ScumbagSteve",

"comment" : "It still isn't clean",

"post" : ObjectId("61755f75cbd99905a5846f0a")

}

{

"\_id" : ObjectId("61756976cbd99905a5846f14"),

"username" : "ScumbagSteve",

"comment" : "Denied your PR cause I found a hack",

"post" : ObjectId("61755f75cbd99905a5846f0c")

}

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

{

"\_id" : ObjectId("61756976cbd99905a5846f10"),

"username" : "GoodGuyGreg",

"comment" : "Hope you got a good deal!",

"post" : ObjectId("61755f75cbd99905a5846f0d")

}

{

"\_id" : ObjectId("61756976cbd99905a5846f11"),

"username" : "GoodGuyGreg",

"comment" : "What's mine is yours!",

"post" : ObjectId("61755f75cbd99905a5846f0e")

}

{

"\_id" : ObjectId("61756976cbd99905a5846f12"),

"username" : "GoodGuyGreg",

"comment" : "Don't violate the licensing agreement",

"post" : ObjectId("61755f75cbd99905a5846f0f")

}

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

{

"\_id" : ObjectId("61756976cbd99905a5846f13"),

"username" : "ScumbagSteve",

"comment" : "It still isn't clean",

"post" : ObjectId("61755f75cbd99905a5846f0a")

}

{

"\_id" : ObjectId("61756976cbd99905a5846f14"),

"username" : "ScumbagSteve",

"comment" : "Denied your PR cause I found a hack",

"post" : ObjectId("61755f75cbd99905a5846f0c")

}

MongoDB Enterprise atlas-ouvvpg-shard-0:PRIMARY> db.comments.find({post:ObjectId("61755f75cbd99905a5846f0c")}).pretty()

{

"\_id" : ObjectId("61756976cbd99905a5846f14"),

"username" : "ScumbagSteve",

"comment" : "Denied your PR cause I found a hack",

"post" : ObjectId("61755f75cbd99905a5846f0c")

}