

# Insert Document

```
C:\Windows\System32\cmd.exe - mongo
Microsoft Windows [Version 10.0.19041.1110]
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C:\Users\Admin\mongodb-windows-x86_64-enterprise-5.0.1\mongodb-win32-x86_64-enterprise-windows-5.0.1\bin>mongo
MongoDB shell version v5.0.1
connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb
Implicit session: session { "id" : UUID("311dbd75-64cb-4180-8a3d-5607d963b148") }
MongoDB server version: 5.0.1

=====
Warning: the "mongo" shell has been superseded by "mongosh",
which delivers improved usability and compatibility. The "mongo" shell has been deprecated and will be removed in
an upcoming release.
We recommend you begin using "mongosh".
For installation instructions, see
https://docs.mongodb.com/mongodb-shell/install/
=====

The server generated these startup warnings when booting:
  2021-07-31T19:56:15.724+05:30: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted
  2021-07-31T19:56:15.724+05:30: This server is bound to localhost. Remote systems will be unable to connect to this server. Start the server with --bind_ip <address>
to specify which IP addresses it should serve responses from, or with --bind_ip_all to bind to all interfaces. If this behavior is desired, start the server with --bind_ip
127.0.0.1 to disable this warning
---
MongoDB Enterprise > use mongo_practice;
switched to db mongo_practice
MongoDB Enterprise > db.createCollection('movies');
{ "ok" : 1 }
MongoDB Enterprise > show dbs
admin            0.000GB
config           0.000GB
local            0.000GB
mongo_practice  0.000GB
MongoDB Enterprise > db.movies.insert({"title":"Fight Club","writer":"Chuck Palahniuko","year":"1999","actors":["Brad Pitt", "Edward Norton"]});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise > db.movies.insert({"title":"Pulp Fiction","writer":"Quentin Tarantino","year":"1994","actors":["John Travolta", "Uma Thurman"]});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise > show collections;
movies
MongoDB Enterprise > db.movies.find();
{ "_id" : ObjectId("61055ff7a328fc3bae79e4474"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
{ "_id" : ObjectId("61055ff7328fc3bae79e4475"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "1994", "actors" : [ "John Travolta", "Uma Thurman" ] }
MongoDB Enterprise > db.movies.insert({"title":"Inglorious Basterds","writer":"Quentin Tarantino","year":"2009","actors":["Brad Pitt", "Diane Kruger", "Eli Roth"]});
WriteResult({ "nInserted" : 1 })
```

```
MongoDB Enterprise > show collections;
movies
MongoDB Enterprise > db.movies.find();
{ "_id" : ObjectId("61055ff7a328fc3bae79e4474"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
{ "_id" : ObjectId("61055ff7328fc3bae79e4475"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "1994", "actors" : [ "John Travolta", "Uma Thurman" ] }
MongoDB Enterprise > db.movies.insert({"title":"Inglorious Basterds","writer":"Quentin Tarantino","year":"2009","actors":["Brad Pitt", "Diane Kruger", "Eli Roth"]});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise > db.movies.insert({"title":"The Hobbit:An Unexpected Journey","writer":"J.R.R. Tolkein","year":"2012","franchise":"The Hobbit"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise > db.movies.insert({"title":"The Hobbit:The Desolation of Smaug","writer":"J.R.R. Tolkein","year":"2013","franchise":"The Hobbit"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise > db.movies.insert({"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."});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise > db.movies.insert({"title":"Pee Wee Herman's Big Adventure"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise > db.movies.insert({"title":"Avatar"});
WriteResult({ "nInserted" : 1 })
MongoDB Enterprise > db.movies.find();
{ "_id" : ObjectId("61055ff7a328fc3bae79e4474"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
{ "_id" : ObjectId("61055ff7328fc3bae79e4475"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "1994", "actors" : [ "John Travolta", "Uma Thurman" ] }
{ "_id" : ObjectId("610560cf328fc3bae79e4476"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "Brad Pitt", "Diane Kruger",
"Eli Roth" ] }
{ "_id" : ObjectId("6105618e328fc3bae79e4477"), "title" : "The Hobbit:An Unexpected Journey", "writer" : "J.R.R. Tolkein", "year" : "2012", "franchise" : "The Hobbit" }
{ "_id" : ObjectId("610561dc328fc3bae79e4478"), "title" : "The Hobbit:The Desolation of Smaug", "writer" : "J.R.R. Tolkein", "year" : "2013", "franchise" : "The Hobbit" }
{ "_id" : ObjectId("61056345328fc3bae79e4479"), "title" : "The Hobbit:The Battle of the Five Armies", "writer" : "J.R.R. Tolkein", "year" : "2012", "franchise" : "The Hobbi
t", "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 darkne
ss." }
{ "_id" : ObjectId("61056385328fc3bae79e447a"), "title" : "Pee Wee Herman's Big Adventure" }
{ "_id" : ObjectId("610563a5328fc3bae79e447b"), "title" : "Avatar" }
MongoDB Enterprise > db.movies.findOne({"writer":"Quentin Tarantino"});
{
  "_id" : ObjectId("61055ff7328fc3bae79e4475"),
  "title" : "Pulp Fiction",
  "writer" : "Quentin Tarantino",
  "year" : "1994",
  "actors" : [
    "John Travolta",
    "Uma Thurman"
  ]
}
MongoDB Enterprise > db.movies.find({"writer":"Quentin Tarantino"});
{ "_id" : ObjectId("61055ff7328fc3bae79e4475"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "1994", "actors" : [ "John Travolta", "Uma Thurman" ] }
```

```
C:\Windows\System32\cmd.exe - mongo
MongoDB Enterprise > db.movies.find({"writer":"Quentin Tarantino"});
{ "_id" : ObjectId("61855ff7a328fc3bae79e4475"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "1994", "actors" : [ "John Travolta", "Uma Thurman" ] }
{ "_id" : ObjectId("618560cf328fc3bae79e4476"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "Brad Pitt", "Diane Kruger", "Eli Roth" ] }
MongoDB Enterprise > db.movies.find({"actors":"Brad Pitt"});
{ "_id" : ObjectId("61855ff7a328fc3bae79e4474"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
{ "_id" : ObjectId("618560cf328fc3bae79e4476"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "Brad Pitt", "Diane Kruger", "Eli Roth" ] }
MongoDB Enterprise > db.movies.find({"franchise":"The Hobbit"});
{ "_id" : ObjectId("6185618328fc3bae79e4477"), "title" : "The Hobbit:An Unexpected Journey", "writer" : "J.R.R. Tolkien", "year" : "2012", "franchise" : "The Hobbit" }
{ "_id" : ObjectId("618561dc328fc3bae79e4478"), "title" : "The Hobbit:The Desolation of Smaug", "writer" : "J.R.R. Tolkien", "year" : "2013", "franchise" : "The Hobbit" }
{ "_id" : ObjectId("61856345328fc3bae79e4479"), "title" : "The Hobbit:The Battle of the Five Armies", "writer" : "J.R.R. Tolkien", "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 > db.movies.find($and:({"year":{"$gt":"1900"},"year":{"$lt":"2000"}}));
{ "_id" : ObjectId("61855ff7a328fc3bae79e4474"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
{ "_id" : ObjectId("61855ff7a328fc3bae79e4475"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "1994", "actors" : [ "John Travolta", "Uma Thurman" ] }
MongoDB Enterprise > db.movies.find($or:({"year":{"$lt":"2000"},"year":{"$gt":"2010"}}));
{ "_id" : ObjectId("61855ff7a328fc3bae79e4474"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
{ "_id" : ObjectId("61855ff7a328fc3bae79e4475"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "1994", "actors" : [ "John Travolta", "Uma Thurman" ] }
{ "_id" : ObjectId("6185618328fc3bae79e4477"), "title" : "The Hobbit:An Unexpected Journey", "writer" : "J.R.R. Tolkien", "year" : "2012", "franchise" : "The Hobbit" }
{ "_id" : ObjectId("618561dc328fc3bae79e4478"), "title" : "The Hobbit:The Desolation of Smaug", "writer" : "J.R.R. Tolkien", "year" : "2013", "franchise" : "The Hobbit" }
{ "_id" : ObjectId("61856345328fc3bae79e4479"), "title" : "The Hobbit:The Battle of the Five Armies", "writer" : "J.R.R. Tolkien", "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 > db.movies.update({"title":"The Hobbit:An Unexpected Journey"},"synopsis":"A reluctant hobbit, Bilbo Baggins, set 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})
MongoDB Enterprise > db.movies.update({"title":"The Hobbit:The Desolation of Smaug"},"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 > db.movies.update({"title":"Pulp Fiction"},"push":{"actors":"Samuel L.Jackson"});
WriteResult({"nMatched" : 1, "nUpserted" : 0, "nModified" : 1})
MongoDB Enterprise > db.movies.find();
{ "_id" : ObjectId("61855ff7a328fc3bae79e4474"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
{ "_id" : ObjectId("61855ff7a328fc3bae79e4475"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "1994", "actors" : [ "John Travolta", "Uma Thurman", "Samuel L.Jackson" ] }
{ "_id" : ObjectId("618560cf328fc3bae79e4476"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "Brad Pitt", "Diane Kruger", "Eli Roth" ] }
{ "_id" : ObjectId("6185618328fc3bae79e4477"), "synopsis" : "A reluctant hobbit, Bilbo Baggins, set 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("618561dc328fc3bae79e4478"), "synopsis" : "The dwarves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their home
```

```
C:\Windows\System32\cmd.exe - mongo
{ "_id" : ObjectId("6105ff7a328fc3bae79e4474"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
{ "_id" : ObjectId("610560cf328fc3bae79e4476"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "Brad Pitt", "Diane Kruger",
"Elia Roth" ] }
MongoDB Enterprise > db.movies.find({"franchise":"The Hobbit"});
{ "_id" : ObjectId("6105618e328fc3bae79e4477"), "title" : "The Hobbit:An Unexpected Journey", "writer" : "J.R.R. Tolkien", "year" : "2012", "franchise" : "The Hobbit" }
{ "_id" : ObjectId("610561dc328fc3bae79e4478"), "title" : "The Hobbit:The Desolation of Smaug", "writer" : "J.R.R. Tolkien", "year" : "2013", "franchise" : "The Hobbit" }
{ "_id" : ObjectId("61056345328fc3bae79e4479"), "title" : "The Hobbit:The Battle of the Five Armies", "writer" : "J.R.R. Tolkien", "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 > db.movies.find({"$and":[{"year":{"$gt":"1900"}},{"year":{"$lt":"2000"}}]});
{ "_id" : ObjectId("6105ff7a328fc3bae79e4474"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
{ "_id" : ObjectId("6105ff7328fc3bae79e4475"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "1994", "actors" : [ "John Travolta", "Uma Thurman" ] }
MongoDB Enterprise > db.movies.find({"$or":[{"year":{"$lt":"2000"}},{"year":{"$gt":"2010"}}]});
{ "_id" : ObjectId("6105ff7a328fc3bae79e4474"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
{ "_id" : ObjectId("6105ff7328fc3bae79e4475"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "1994", "actors" : [ "John Travolta", "Uma Thurman" ] }
{ "_id" : ObjectId("6105618e328fc3bae79e4477"), "title" : "The Hobbit:An Unexpected Journey", "writer" : "J.R.R. Tolkien", "year" : "2012", "franchise" : "The Hobbit" }
{ "_id" : ObjectId("610561dc328fc3bae79e4478"), "title" : "The Hobbit:The Desolation of Smaug", "writer" : "J.R.R. Tolkien", "year" : "2013", "franchise" : "The Hobbit" }
{ "_id" : ObjectId("61056345328fc3bae79e4479"), "title" : "The Hobbit:The Battle of the Five Armies", "writer" : "J.R.R. Tolkien", "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 > db.movies.update({"title":"The Hobbit:An Unexpected Journey"},"synopsis":"A reluctant hobbit, Bilbo Baggins, set 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 )
MongoDB Enterprise > db.movies.update({"title":"The Hobbit:The Desolation of Smaug"},"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 > db.movies.update({"title":"Pulp Fiction"},"$push":{"actors":"Samuel L.Jackson"});
WriteResult("nMatched" : 1, "nUpserted" : 0, "nModified" : 1 )
MongoDB Enterprise > db.movies.find();
{ "_id" : ObjectId("6105ff7a328fc3bae79e4474"), "title" : "Fight Club", "writer" : "Chuck Palahniuko", "year" : "1999", "actors" : [ "Brad Pitt", "Edward Norton" ] }
{ "_id" : ObjectId("6105ff7328fc3bae79e4475"), "title" : "Pulp Fiction", "writer" : "Quentin Tarantino", "year" : "1994", "actors" : [ "John Travolta", "Uma Thurman", "Samuel L.Jackson" ] }
{ "_id" : ObjectId("610560cf328fc3bae79e4476"), "title" : "Inglorious Basterds", "writer" : "Quentin Tarantino", "year" : "2009", "actors" : [ "Brad Pitt", "Diane Kruger", "Elia Roth" ] }
{ "_id" : ObjectId("6105618e328fc3bae79e4477"), "synopsis" : "A reluctant hobbit, Bilbo Baggins, set 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("610561dc328fc3bae79e4478"), "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("61056345328fc3bae79e4479"), "title" : "The Hobbit:The Battle of the Five Armies", "writer" : "J.R.R. Tolkien", "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("61056385328fc3bae79e447a"), "title" : "Pee Wee Herman's Big Adventure" }
{ "_id" : ObjectId("610563a5328fc3bae79e447b"), "title" : "Avatar" }
```

# Text Search

```
C:\Windows\System32\cmd.exe - mongo
{
  "_id" : ObjectId("610561dc328fc3bae79e4478"),
  "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("61056345328fc3bae79e4479"),
  "title" : "The Hobbit:The Battle of the Five Armies",
  "writer" : "J.R.R. Tolkien",
  "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("61056385328fc3bae79e447a"),
  "title" : "Pee Wee Herman's Big Adventure"
}
{
  "_id" : ObjectId("610563a5328fc3bae79e447b"), "title" : "Avatar" }
MongoDB Enterprise > db.movies.createIndex({"synopsis":"text"});
{
  "numIndexesBefore" : 1,
  "numIndexesAfter" : 2,
  "createdCollectionAutomatically" : false,
  "ok" : 1
}
MongoDB Enterprise > db.movies.find({$text:{$search:"Bilbo"}}).pretty();
{
  "_id" : ObjectId("610561dc328fc3bae79e4478"),
  "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("61056345328fc3bae79e4479"),
  "title" : "The Hobbit:The Battle of the Five Armies",
  "writer" : "J.R.R. Tolkien",
  "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("6105618e328fc3bae79e4477"),
  "synopsis" : "A reluctant hobbit, Bilbo Baggins, set 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 > db.movies.find({$text:{$search:"Gandalf"}}).pretty();
{
  "_id" : ObjectId("610561dc328fc3bae79e4478"),
  "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."
}
Type here to search
29°C Light rain
15:31
01-08-2021
```

# Delete Documents

```
C:\Windows\System32\cmd.exe - mongo
MongoDB Enterprise > db.movies.find({$text:{$search:"Bilbo -Gandalf"}}).pretty();
{
  "_id" : ObjectId("61056345328fc3bae79e4479"),
  "title" : "The Hobbit:The Battle of the Five Armies",
  "writer" : "J.R.R. Tolkien",
  "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("6105618e328fc3bae79e4477"),
  "synopsis" : "A reluctant hobbit, Bilbo Baggins, set 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 > db.movies.find({$text:{$search:"dwarves hobbit"}}).pretty();
{
  "_id" : ObjectId("6105618e328fc3bae79e4477"),
  "synopsis" : "A reluctant hobbit, Bilbo Baggins, set 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("610561dc328fc3bae79e4478"),
  "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 > db.movies.find({$text:{$search:"gold" "dragon"}}).pretty();
uncaught exception: SyntaxError: missing } after property list :
@($shell):1:38
MongoDB Enterprise > db.movies.find({$text:{$search:"gold dragon"}}).pretty();
{
  "_id" : ObjectId("6105618e328fc3bae79e4477"),
  "synopsis" : "A reluctant hobbit, Bilbo Baggins, set 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 > db.movies.remove({"title":"Pee Wee Herman's Big Adventure"});
writeResult({ "nRemoved" : 1 })
MongoDB Enterprise > db.movies.find().pretty();
{
  "_id" : ObjectId("61055f7a328fc3bae79e4474"),
  "title" : "Fight Club",
  "writer" : "Chuck Palahniuko",
  "year" : "1999",
  "actors" : [
    "Brad Pitt",
    "Edward Norton"
  ]
}
{
  "_id" : ObjectId("61055ff7328fc3bae79e4475"),
  "title" : "Pulp Fiction",
  "writer" : "Quentin Tarantino",
  "year" : "1994",
  "actors" : [
  ]
}
Type here to search
29°C AQI 34
15:48
01-08-2021
```

```
C:\Windows\System32\cmd.exe - mongo
{"writer": "Quentin Tarantino",
  "year": "1994",
  "actors": [
    "John Travolta",
    "Uma Thurman",
    "Samuel L. Jackson"
  ]
}
{
  "_id": ObjectId("610560cf328fc3bae79e4476"),
  "title": "Inglorious Basterds",
  "writer": "Quentin Tarantino",
  "year": "2009",
  "actors": [
    "Brad Pitt",
    "Diane Kruger",
    "Eli Roth"
  ]
}
{
  "_id": ObjectId("6105618e328fc3bae79e4477"),
  "synopsis": "A reluctant hobbit, Bilbo Baggins, set 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("610561dc328fc3bae79e4478"),
  "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("61056345328fc3bae79e4479"),
  "title": "The Hobbit: The Battle of the Five Armies",
  "writer": "J.R.R. Tolkien",
  "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 > db.movies.remove({'title': 'Avatar' });
WriteResult({ "nRemoved" : 1 })
MongoDB Enterprise > db.movies.find().pretty();
{
  "_id": ObjectId("61055f7a328fc3bae79e4474"),
  "title": "Fight Club",
  "writer": "Chuck Palahniuk",
  "year": "1999",
  "actors": [
    "Brad Pitt",
    "Edward Norton"
  ]
}
```

```
C:\Windows\System32\cmd.exe - mongo
{"_id": ObjectId("61055f7a328fc3bae79e4474"),
  "title": "Fight Club",
  "writer": "Chuck Palahniuk",
  "year": "1999",
  "actors": [
    "Brad Pitt",
    "Edward Norton"
  ]
}
{
  "_id": ObjectId("61055ff7328fc3bae79e4475"),
  "title": "Pulp Fiction",
  "writer": "Quentin Tarantino",
  "year": "1994",
  "actors": [
    "John Travolta",
    "Uma Thurman",
    "Samuel L. Jackson"
  ]
}
{
  "_id": ObjectId("610560cf328fc3bae79e4476"),
  "title": "Inglorious Basterds",
  "writer": "Quentin Tarantino",
  "year": "2009",
  "actors": [
    "Brad Pitt",
    "Diane Kruger",
    "Eli Roth"
  ]
}
{
  "_id": ObjectId("6105618e328fc3bae79e4477"),
  "synopsis": "A reluctant hobbit, Bilbo Baggins, set 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("610561dc328fc3bae79e4478"),
  "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("61056345328fc3bae79e4479"),
  "title": "The Hobbit: The Battle of the Five Armies",
  "writer": "J.R.R. Tolkien",
  "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 >
```

# Relationships

```
C:\Windows\System32\cmd.exe - mongo
MongoDB Enterprise > db.createCollection('users');
{"ok": 1}
MongoDB Enterprise > show collections;
movies
users
MongoDB Enterprise > db.users.insert([{"username": "GoodGuyGreg", "first_name": "Good Guy", "last_name": "Greg"},
... ],
... {"username": "ScumbagSteve", "fullname": [{"first": "Scumbag", "last": "Steve"}]}
... ])
BulkWriteResult({
  "writeErrors": [ ],
  "writeConcernErrors": [ ],
  "nInserted": 2,
  "nUpserted": 0,
  "nMatched": 0,
  "nModified": 0,
  "nRemoved": 0,
  "upserted": [ ]
})
MongoDB Enterprise > db.users.find().pretty();
{
  "_id" : ObjectId("610678b030986f8a546dff38"),
  "username" : "GoodGuyGreg",
  "first_name" : "Good Guy",
  "last_name" : "Greg"
}
{
  "_id" : ObjectId("610678b030986f8a546dff39"),
  "username" : "ScumbagSteve",
  "fullname" : [
    {
      "first" : "Scumbag",
      "last" : "Steve"
    }
  ]
}
MongoDB Enterprise > db.createCollection('posts');
{"ok": 1}
MongoDB Enterprise > show collections;
movies
posts
users
MongoDB Enterprise > db.posts.insert(
... [
... {"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"},
... ]
... )
BulkWriteResult({
  "writeErrors": [ ],
  "writeConcernErrors": [ ],
  "nInserted": 6,
  "nUpserted": 0,
  "nMatched": 0,
  "nModified": 0,
  "nRemoved": 0,
  "upserted": [ ]
})
MongoDB Enterprise > db.posts.find().pretty();
{
  "_id" : ObjectId("61067b8d30986f8a546dff3a"),
  "username" : "GoodGuyGreg",
  "title" : "Passes out at party",
  "body" : "Wakes up early and cleans house"
}
{
  "_id" : ObjectId("61067b8d30986f8a546dff3b"),
  "username" : "GoodGuyGreg",
  "title" : "Steals your identity",
  "body" : "Raises your credit score"
}
{
  "_id" : ObjectId("61067b8d30986f8a546dff3c"),
  "username" : "GoodGuyGreg",
  "title" : "Reports a bug in your code",
  "body" : "Sends you a Pull Request"
}
{
  "_id" : ObjectId("61067b8d30986f8a546dff3d"),
  "username" : "ScumbagSteve",
  "title" : "Borrows something",
  "body" : "Sells it"
}
{
  "_id" : ObjectId("61067b8d30986f8a546dff3e"),
  "username" : "ScumbagSteve",
  "title" : "Borrows everything",
  "body" : "The end"
}
{
  "_id" : ObjectId("61067b8d30986f8a546dff3f"),
  "username" : "ScumbagSteve",
  "title" : "Forks your repo on github",
  "body" : "Sets to private"
}
```

```
C:\Windows\System32\cmd.exe - mongo
... {"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"}
... ]
... )
BulkWriteResult({
  "writeErrors": [ ],
  "writeConcernErrors": [ ],
  "nInserted": 6,
  "nUpserted": 0,
  "nMatched": 0,
  "nModified": 0,
  "nRemoved": 0,
  "upserted": [ ]
})
MongoDB Enterprise > db.posts.find().pretty();
{
  "_id" : ObjectId("61067b8d30986f8a546dff3a"),
  "username" : "GoodGuyGreg",
  "title" : "Passes out at party",
  "body" : "Wakes up early and cleans house"
}
{
  "_id" : ObjectId("61067b8d30986f8a546dff3b"),
  "username" : "GoodGuyGreg",
  "title" : "Steals your identity",
  "body" : "Raises your credit score"
}
{
  "_id" : ObjectId("61067b8d30986f8a546dff3c"),
  "username" : "GoodGuyGreg",
  "title" : "Reports a bug in your code",
  "body" : "Sends you a Pull Request"
}
{
  "_id" : ObjectId("61067b8d30986f8a546dff3d"),
  "username" : "ScumbagSteve",
  "title" : "Borrows something",
  "body" : "Sells it"
}
{
  "_id" : ObjectId("61067b8d30986f8a546dff3e"),
  "username" : "ScumbagSteve",
  "title" : "Borrows everything",
  "body" : "The end"
}
{
  "_id" : ObjectId("61067b8d30986f8a546dff3f"),
  "username" : "ScumbagSteve",
  "title" : "Forks your repo on github",
  "body" : "Sets to private"
}
```

```
C:\Windows\System32\cmd.exe - mongo
MongoDB Enterprise > db.comments.find().pretty();
MongoDB Enterprise > db.comments.insert([
... { "username": "GoodGuyGreg", "comment": "Hope you got a good deal!", "post": ObjectId("61067b8d30986f8a546dff3d") },
... { "username": "GoodGuyGreg", "comment": "What's mine is yours!", "post": ObjectId("61067b8d30986f8a546dff3e") },
... { "username": "GoodGuyGreg", "comment": "Don't violate the licensing agreement!", "post": ObjectId("61067b8d30986f8a546dff3f") },
... { "username": "ScumbagSteve", "comment": "It still isn't clean", "post": ObjectId("61067b8d30986f8a546dff3a") },
... { "username": "ScumbagSteve", "comment": "Denied your PR cause I found a hack", "post": ObjectId("61067b8d30986f8a546dff3c") }
... ])
BulkWriteResult({
  "writeErrors": [ ],
  "writeConcernErrors": [ ],
  "nInserted": 5,
  "nUpserted": 0,
  "nMatched": 0,
  "nModified": 0,
  "nRemoved": 0,
  "upserted": [ ]
})
MongoDB Enterprise > db.comments.find().pretty();
{
  "_id" : ObjectId("6107b148165cb15ab2a9087a"),
  "username" : "GoodGuyGreg",
  "comment" : "Hope you got a good deal!",
  "post" : ObjectId("61067b8d30986f8a546dff3d")
}
{
  "_id" : ObjectId("6107b148165cb15ab2a9087b"),
  "username" : "GoodGuyGreg",
  "comment" : "What's mine is yours!",
  "post" : ObjectId("61067b8d30986f8a546dff3e")
}
{
  "_id" : ObjectId("6107b148165cb15ab2a9087c"),
  "username" : "GoodGuyGreg",
  "comment" : "Don't violate the licensing agreement!",
  "post" : ObjectId("61067b8d30986f8a546dff3f")
}
{
  "_id" : ObjectId("6107b148165cb15ab2a9087d"),
  "username" : "ScumbagSteve",
  "comment" : "It still isn't clean",
  "post" : ObjectId("61067b8d30986f8a546dff3a")
}
{
  "_id" : ObjectId("6107b148165cb15ab2a9087e"),
  "username" : "ScumbagSteve",
  "comment" : "Denied your PR cause I found a hack",
  "post" : ObjectId("61067b8d30986f8a546dff3c")
}
```

```
C:\Windows\System32\cmd.exe - mongo
MongoDB Enterprise > db.posts.find({"username": "GoodGuyGreg"});
{ "_id" : ObjectId("61067b8d30986f8a546dff3a"), "username" : "GoodGuyGreg", "title" : "Passes out at party", "body" : "Wakes up early and cleans house" }
{ "_id" : ObjectId("61067b8d30986f8a546dff3b"), "username" : "GoodGuyGreg", "title" : "Steals your identity", "body" : "Raises your credit score" }
{ "_id" : ObjectId("61067b8d30986f8a546dff3c"), "username" : "GoodGuyGreg", "title" : "Reports a bug in your code", "body" : "Sends you a Pull Request" }
MongoDB Enterprise > db.posts.find({"username": "ScumbagSteve"}).pretty();
{
  "_id" : ObjectId("61067b8d30986f8a546dff3d"),
  "username" : "ScumbagSteve",
  "title" : "Borrows something",
  "body" : "Sells it"
}
{
  "_id" : ObjectId("61067b8d30986f8a546dff3e"),
  "username" : "ScumbagSteve",
  "title" : "Borrows everything",
  "body" : "The end"
}
{
  "_id" : ObjectId("61067b8d30986f8a546dff3f"),
  "username" : "ScumbagSteve",
  "title" : "Forks your repo on github",
  "body" : "Sets to private"
}
MongoDB Enterprise > db.comments.find({"username": "GoodGuyGreg"}).pretty();
{
  "_id" : ObjectId("6107b148165cb15ab2a9087a"),
  "username" : "GoodGuyGreg",
  "comment" : "Hope you got a good deal!",
  "post" : ObjectId("61067b8d30986f8a546dff3d")
}
{
  "_id" : ObjectId("6107b148165cb15ab2a9087b"),
  "username" : "GoodGuyGreg",
  "comment" : "What's mine is yours!",
  "post" : ObjectId("61067b8d30986f8a546dff3e")
}
{
  "_id" : ObjectId("6107b148165cb15ab2a9087c"),
  "username" : "GoodGuyGreg",
  "comment" : "Don't violate the licensing agreement!",
  "post" : ObjectId("61067b8d30986f8a546dff3f")
}
MongoDB Enterprise >
```

