

MongoDB Compass - test.wzcv0.mongodb.net/test.books

Connect View Collection Help

test.wzcv0.mongodb.net

3 DBS 1 COLLECTIONS

☆ FAVORITE

HOSTS

- test-shard-00-00.wzcv0.m...
- test-shard-00-02.wzcv0.m...
- test-shard-00-01.wzcv0.m...

CLUSTER

Replica Set (atlas-flxqcd-s...

3 Nodes

EDITION

MongoDB 5.0.8 Enterprise

My Queries

Databases

Filter your data

- admin
- local
- test
 - books

+> MONGOSH

Documents

test.books

test.books

2 DOCUMENTS 1 INDEXES

Documents Aggregations Schema Explain Plan Indexes Validation

FILTER { field: 'value' }

OPTIONS FIND RESET ↺ ...

ADD DATA VIEW {}

Displaying documents 1 - 2 of 2 < > REFRESH

```
{ "_id": ObjectId('62827165332c29f34765ae95'),  
  "book name": "MongoDB",  
  "author": "bhasha"  
}
```

```
{ "_id": ObjectId('6282737d332c29f34765ae96'),  
  "price": "500"  
}
```

Type here to search

33°C 9:41 PM 5/16/2022

mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/test

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("62827165332c29f34765ae95") }
}
Atlas atlas-flxqed-shard-0 [primary] test> db.books.insert({"price": "500"})
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("6282737d332c29f34765ae96") }
}
Atlas atlas-flxqed-shard-0 [primary] test> db.books.find()
MongoServerError: bad auth : Authentication failed.
Atlas atlas-flxqed-shard-0 [secondary] test> db.books.find();
MongoServerError: bad auth : Authentication failed.
Atlas atlas-flxqed-shard-0 [secondary] test> mongosh "mongodb+srv://test.wzcv0.mongodb.net/test" --apiVersion 1 --username test
Uncaught:
SyntaxError: Missing semicolon. (1:7)

> 1 | mongosh "mongodb+srv://test.wzcv0.mongodb.net/test" --apiVersion 1 --username test
    | ^
    2 |

Atlas atlas-flxqed-shard-0 [primary] test> db.books.find()
MongoServerError: bad auth : Authentication failed.
Atlas atlas-flxqed-shard-0 [secondary] test> mongosh "mongodb+srv://test.wzcv0.mongodb.net/test" --apiVersion 1 --username test --password test12
Uncaught:
SyntaxError: Missing semicolon. (1:7)

> 1 | mongosh "mongodb+srv://test.wzcv0.mongodb.net/test" --apiVersion 1 --username test --password test12
    | ^
    2 |

Atlas atlas-flxqed-shard-0 [primary] test> mongosh "mongodb+srv://test.wzcv0.mongodb.net/test" --apiVersion 1 --username test --password test12
Uncaught:
SyntaxError: Missing semicolon. (1:7)

> 1 | mongosh "mongodb+srv://test.wzcv0.mongodb.net/test" --apiVersion 1 --username test --password test12
    | ^
    2 |

Atlas atlas-flxqed-shard-0 [primary] test>
```

mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice

```
lane Kruger", "Eli Roth"]}}
```

Uncaught:

SyntaxError: Unexpected token, expected ",", (1:136)

```
> 1 | db.movies.insert({"title":"Inglorious Basterds","writer":"Quentin Tarantino","year":2009,"actors":["Brad Pitt","Diane Kruger","Eli Roth"]})
    |
    2 |
```

```
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.insert({"title":"Inglorious Basterds","writer":"Quentin Tarantino","year":2009,"actors":["Brad Pitt","Diane Kruger","Eli Roth"]})
```

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("62831c26ed24ba536d1ddb26") }
```

```
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.insert({"title":"The hobbit: An Unexpected Journey","writer":"J.R.R.Tolkein","year":2012,"franchise":"The Hobbit"})
```

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("62831d04ed24ba536d1ddb27") }
```

```
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.insert({"title":"The Hobbit:The Desolation of Smaug","writer":"J.R.R.Tolkein","year":2013,"franchise":"The Hobbit"})
```

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("62831dbee24ba536d1ddb28") }
```

```
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> 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"})
```

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("62831f3bed24ba536d1ddb29") }
```

```
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.insert({"title":"Pee Wee Herman's Adventure"})
```

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("62831f8bed24ba536d1ddb2a") }
```

```
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.insert({"title":"Avatar"})
```

```
{
  acknowledged: true,
  insertedIds: { '0': ObjectId("62831fafed24ba536d1ddb2b") }
```

```
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>
```



mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice

```
{
  _id: ObjectId("62831af9ed24ba536d1ddb25"),
  title: 'Pulp Fiction',
  writer: 'Quentin Taranitno',
  year: 2009,
  actors: [ 'John Travolta', 'Uma Thurman' ]
},
{
  _id: ObjectId("62831c26ed24ba536d1ddb26"),
  title: 'Inglorious Basterds',
  writer: 'Quentin Tarantino',
  year: 2009,
  actors: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ]
},
{
  _id: ObjectId("62831d04ed24ba536d1ddb27"),
  title: 'The Hobbit: An Unexpected Journey',
  writer: 'J.R.R.Tolkein',
  year: 2012,
  franchise: 'The Hobbit'
},
{
  _id: ObjectId("62831d04ed24ba536d1ddb28"),
  title: 'The Hobbit:The Desolation of Smaug',
  writer: 'J.R.R.Tolkein',
  year: 2013,
  franchise: 'The Hobbit'
},
{
  _id: ObjectId("62831f3bed24ba536d1ddb29"),
  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("62831f8bed24ba536d1ddb2a"),
  title: "Pee Wee Herman's Adventure"
},
{
  _id: ObjectId("62831fafed24ba536d1ddb2b"), title: 'Avatar' }
]
```

Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>

mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice

```
    writer: 'Quentin Tarantino',
    year: 2009,
    actors: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ]
  },
  {
    _id: ObjectId("62831d04ed24ba536d1ddb27"),
    title: 'The hobbit: An Unexpected Journey',
    writer: 'J.R.R.Tolkein',
    year: 2012,
    franchise: 'The Hobbit'
  },
  {
    _id: ObjectId("62831dbeed24ba536d1ddb28"),
    title: 'The Hobbit:The Desolation of Smaug',
    writer: 'J.R.R.Tolkein',
    year: 2013,
    franchise: 'The Hobbit'
  },
  {
    _id: ObjectId("62831f3bed24ba536d1ddb29"),
    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("62831f8bed24ba536d1ddb2a"),
    title: "Pee Wee Herman's Adventure"
  },
  { _id: ObjectId("62831fafed24ba536d1ddb2b"), title: 'Avatar' }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"writer":"Quentin Tarantino"})
[
  {
    _id: ObjectId("62831c26ed24ba536d1ddb26"),
    title: 'Inglorious Basterds',
    writer: 'Quentin Tarantino',
    year: 2009,
    actors: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ]
  }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>
```

Type here to search 31°C 9:43 AM 5/17/2022

mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice

```
{
  _id: ObjectId("62831f3bed24ba536d1ddb29"),
  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("62831f8bed24ba536d1ddb2a"),
  title: 'Pee Wee Herman's Adventure'
},
{
  _id: ObjectId("62831fafed24ba536d1ddb2b"), title: 'Avatar' }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"writer": "Quentin Tarantino"})
[
  {
    _id: ObjectId("62831c26ed24ba536d1ddb26"),
    title: 'Inglorious Basterds',
    writer: 'Quentin Tarantino',
    year: 2009,
    actors: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ]
  }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"actors": "Brad Pitt"})
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"actors": "Brad Pitt"})
[
  {
    _id: ObjectId("62831a16ed24ba536d1ddb24"),
    title: 'Fight Club',
    writer: 'Chuck Palahniuk',
    year: 1999,
    actors: [ 'Brad Pitt', 'Edward Norton' ]
  },
  {
    _id: ObjectId("62831c26ed24ba536d1ddb26"),
    title: 'Inglorious Basterds',
    writer: 'Quentin Tarantino',
    year: 2009,
    actors: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ]
  }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>
```

Windows taskbar showing search bar, task view, and various application icons. System tray shows 31°C, 9:47 AM, 5/17/2022, and 16 notifications.

```
CS mongosh mongodb+srv://<credentials>@test.wzcw0.mongodb.net/mongodb_practice
```

```
Atlas atlas-flxqcd-shard-0 [primary] mongodb_practice> db.movies.find({"actors": "Brad Pitt"})
```

```
{
  _id: ObjectId("62831a16ed24ba536d1ddb24"),
  title: 'Fight Club',
  writer: 'Chuck Palahniuk',
  year: 1999,
  actors: [ 'Brad Pitt', 'Edward Norton' ]
},
{
  _id: ObjectId("62831c26ed24ba536d1ddb26"),
  title: 'Inglorious Basterds',
  writer: 'Quentin Tarantino',
  year: 2009,
  actors: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ]
}
```

```
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"franchise":"The Hobbit"})
```

```
{
  _id: ObjectId("62831d04ed24ba536d1ddb27"),
  title: 'The hobbit: An Unexpected Journey',
  writer: 'J.R.R.Tolkein',
  year: 2012,
  franchise: 'The Hobbit'
},
{
  _id: ObjectId("62831dbeed24ba536d1ddb28"),
  title: 'The Hobbit:The Desolation of Smaug',
  writer: 'J.R.R.Tolkein',
  year: 2013,
  franchise: 'The Hobbit'
},
{
  _id: ObjectId("62831f3bed24ba536d1ddb29"),
  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'
}
]
Atlas atlas-flxqed-shard-0 [primary] mongodb practice>
```

```
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>
```



mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice

```
writer: 'Quentin Tarantino',
year: 2009,
actors: [ 'Brad Pitt', 'Diane Kruger', 'Eli Roth' ]
}
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"franchise":"The Hobbit"})
[
  {
    _id: ObjectId("62831d04ed24ba536d1ddb27"),
    title: 'The hobbit: An Unexpected Journey',
    writer: 'J.R.R.Tolkein',
    year: 2012,
    franchise: 'The Hobbit'
  },
  {
    _id: ObjectId("62831dbeed24ba536d1ddb28"),
    title: 'The Hobbit:The Desolation of Smaug',
    writer: 'J.R.R.Tolkein',
    year: 2013,
    franchise: 'The Hobbit'
  },
  {
    _id: ObjectId("62831f3bed24ba536d1ddb29"),
    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 darkn
ess'
  }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"year":{"$gt:1989,$lh:2000}})
MongoServerError: unknown operator: $lh
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"year":{"$gt:1989,$lt:2000}})
[
  {
    _id: ObjectId("62831a16ed24ba536d1ddb24"),
    title: 'Fight Club',
    writer: 'Chuck Palahniuko',
    year: 1999,
    actors: [ 'Brad Pitt', 'Edward Norton' ]
  }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>
```

Type here to search 31°C 9:51 AM 5/17/2022

mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice

```
}
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"year":{"$gt:20110,$lt:2000}})
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"year":{"$gt:2010,$lt:2000}})
Uncaught:
SyntaxError: Unexpected token (1:15)

> 1 | db.movies.find({"year":{"$gt:2010,$lt:2000}})
    | ^
    2 |

Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"year":{"$gt:2010,$lt:2000}})
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.update
[Function: update] AsyncFunction {
  apiVersions: [ 1, Infinity ],
  serverVersions: [ '0.0.0', '3.2.0' ],
  deprecated: true,
  returnsPromise: true,
  topologies: [ 'ReplicaSet', 'Sharded', 'LoadBalanced', 'Standalone' ],
  returnType: { type: 'unknown', attributes: {} },
  platforms: [ 0, 1, 2 ],
  isDirectShellCommand: false,
  acceptsRawInput: false,
  shellCommandCompleter: undefined,
  help: [Function (anonymous)] Help
}
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.update(
... { _id: ObjectId("62831d04ed24ba536d1ddb27") },
... {
..... $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 w
ithin it -from the dragon Smaug."}
..... }
... }
DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.
{ 3 |
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>
```

Windows taskbar with search bar, task view, and various application icons. System tray shows 10:11 AM, 5/17/2022, and 30°C.

mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice

```
platforms: [ 0, 1, 2 ],
isDirectShellCommand: false,
acceptsRawInput: false,
shellCommandCompleter: undefined,
help: [Function (anonymous)] Help
}
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.update(
... { _id: ObjectId("62831d04ed24ba536d1ddb27") },
... {
..... $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 w
ithin it - from the dragon Smaug."}
..... }
... }
DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.
{ 3 |
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.update(
... { _id: ObjectId("62831dbeed24ba536d1ddb28") },
Uncaught:
SyntaxError: Unexpected token, expected ",", (2:42)

   1 | db.movies.update(
>  2 | { _id: ObjectId("62831dbeed24ba536d1ddb28") },
     |                                     ^
   3 |
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.update(
... { _id: ObjectId("62831dbeed24ba536d1ddb28") },
... {
..... $set: {"synopsis": "The dwarves, along with Bilbo Baggins and Gandalf the Grey, continue their quest to reclaim Erebor, their homeland, from Smaug. Bilbo Baggins i
s in possession of a mysterious and magical ring"}
..... }
... }
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
```

mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice

```
3 |
|
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.update(
... { _id: ObjectId("62831dbeed24ba536d1ddb28")},
... {
..... $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,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.update(
... { _id: ObjectId("62831af9ed24ba536d1ddb25")},
... {
..... $set:{"actors":["Samuel L.Jackson"]}
..... }
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.update(
... { _id: ObjectId("62831af9ed24ba536d1ddb25")},
... {
..... $set:{"actors":["John Travolta","Uma Thurman","Samuel L.Jackson"]}
..... }
... )
{
  acknowledged: true,
  insertedId: null,
  matchedCount: 1,
  modifiedCount: 1,
  upsertedCount: 0
}
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>
```

mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice

```
},
{
  _id: ObjectId("62831f8bed24ba536d1ddb2a"),
  title: "Pee Wee Herman's Adventure"
},
{ _id: ObjectId("62831fafed24ba536d1ddb2b"), title: 'Avatar' }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.createIndex({"synopsis":"Bilbo"})
MongoServerError: Error in specification { key: { synopsis: "Bilbo" }, name: "synopsis_Bilbo" } :: caused by :: Unknown index plugin 'Bilbo'
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"$text":{"$search":"Bilbo"}})
MongoServerError: text index required for $text query
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"$text":{"synopsis":"Bilbo"}})
MongoServerError: Missing expected field "$search"
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"synopsis":/Bilbo/})
[
  {
    _id: ObjectId("62831d04ed24ba536d1ddb27"),
    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 dragun Smaug.'
  },
  {
    _id: ObjectId("62831dbeed24ba536d1ddb28"),
    title: 'The Hobbit:The Desolation of Smaug',
    writer: 'J.R.R.Tolkein',
    year: 2013,
    franchise: 'The Hobbit',
    synopsis: 'The dwarves, alon with Bilbo Baggins and Grandalf the Grey, continue their quest to reclaimn Erebor, their homeland, from Smaug. Bilbo Baggins is in poss
    sessions of a mysterious and magical ring'
  },
  {
    _id: ObjectId("62831f3bed24ba536d1ddb29"),
    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 darkn
    ess'
  }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>
```

mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice

```
[
  {
    _id: ObjectId("62831d04ed24ba536d1ddb27"),
    title: 'The Hobbit: An Unexpected Journey',
    writer: 'J.R.R.Tolkien',
    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 dragun Smaug.'
  },
  {
    _id: ObjectId("62831dbeed24ba536d1ddb28"),
    title: 'The Hobbit:The Desolation of Smaug',
    writer: 'J.R.R.Tolkien',
    year: 2013,
    franchise: 'The Hobbit',
    synopsis: 'The dwarves, alon with Bilbo Baggins and Grandalf the Grey, continue their quest to reclaimn Erebor, their homeland, from Smaug. Bilbo Baggins is in poss
essions of a mysterious and magical ring'
  },
  {
    _id: ObjectId("62831f3bed24ba536d1ddb29"),
    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 darkn
ess'
  }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"synopsis":/Gandalf/})
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"synopsis":/Grandalf/})
[
  {
    _id: ObjectId("62831dbeed24ba536d1ddb28"),
    title: 'The Hobbit:The Desolation of Smaug',
    writer: 'J.R.R.Tolkien',
    year: 2013,
    franchise: 'The Hobbit',
    synopsis: 'The dwarves, alon with Bilbo Baggins and Grandalf the Grey, continue their quest to reclaimn Erebor, their homeland, from Smaug. Bilbo Baggins is in poss
essions of a mysterious and magical ring'
  }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>
```

Type here to search 34°C 1:51 PM 5/17/2022

mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice

```
title: 'The hobbit: An Unexpected Journey',
writer: 'J.R.R.Tolkien',
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 dragun Smaug.'
},
{
  _id: ObjectId("62831f3bed24ba536d1ddb29"),
  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 darkn
ess'
},
{
  _id: ObjectId("62831f8bed24ba536d1ddb2a"),
  title: "Pee Wee Herman's Adventure"
},
{ _id: ObjectId("62831fafed24ba536d1ddb2b"), title: 'Avatar' }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"synopsis":{"$not:/Grand/,$regex:/Bilbo/}})
[
  {
    _id: ObjectId("62831d04ed24ba536d1ddb27"),
    title: 'The hobbit: An Unexpected Journey',
    writer: 'J.R.R.Tolkien',
    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 dragun Smaug.'
  },
  {
    _id: ObjectId("62831f3bed24ba536d1ddb29"),
    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 darkn
ess'
  }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"synopsis":{"$not:/Grand/,$regex:/Bilbo/}})
```

Type here to search 34°C 2:12 PM 5/17/2022

```
mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice
```

```
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"synopsis":{"$not:/Grand/, $regex:/Bilbo/}})
```

```
{
  _id: ObjectId("62831d04ed24ba536d1ddb27"),
  title: 'The hobbit: An Unexpected Journey',
  writer: 'J.R.R.Tolkien',
  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("62831f3bed24ba536d1ddb29"),
  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 darkn
ess'
}
}
```

```
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({"synopsis":{"$not:/Grand/, $regex:/Bilbo/}})
```

```
{
  _id: ObjectId("62831d04ed24ba536d1ddb27"),
  title: 'The hobbit: An Unexpected Journey',
  writer: 'J.R.R.Tolkien',
  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 dragn Smaug.'
},
{
  _id: ObjectId("62831f3bed24ba536d1ddb29"),
  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 darkn
ess'
}
]
Atlas atlas-flxqcd-shard-0 [primary] mongodb practice> db.movies_
```

```
Atlas atlas-flxqed-shard-0 [primary] mongodb practice> db.movies_
```

mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice

```
1 | db.movies.find({$and:[{"synopsis":{"$eq:"gold"}},{"synopsis":{"$eq:"dragun"}}
2 |
> 3 | db.movies.find({$and:[{"synopsis":{"$eq:"gold"}},{"synopsis":{"$eq:"dragun"}}
4 |
```

Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({\$eq:[{"synopsis":"gold"}, {"synopsis":"dragun"}]})
MongoServerError: unknown top level operator: \$eq. If you have a field name that starts with a '\$' symbol, consider using \$getField or \$setField.
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>

Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({\$and:[{"synopsis":{"\$eq:"gold"}}, {"synopsis":{"\$exists:"dragun"}}]})

Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({\$and:[{"gold"}, {"dragun"}]})
Uncaught:
SyntaxError: Unexpected token (1:29)

```
> 1 | db.movies.find({$and:[{"gold"},"dragun"]})
2 |
```

Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({\$and:[{"gold"}, {"dragun"}]})
Uncaught:
SyntaxError: Unexpected token (1:30)

```
> 1 | db.movies.find({$and:[{"gold"},"dragun"]})
2 |
```

Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({\$and:[{"synopsis":"gold"}, {"synopsis":"dragun"}]})

Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({\$and:[{"synopsis":{"\$regex:/gold/"}}, {"synopsis":{"\$regex:/dragun/"}}]})

```
[
  {
    _id: ObjectId("62831d04ed24ba536d1ddb27"),
    title: 'The Hobbit: An Unexpected Journey',
    writer: 'J.R.R.Tolkien',
    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.'
  }
]
```

Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>


```
Atlas atlas-flxqcd-shard-0 [primary] mongod_bpractice> db.movies.find({'$and':[{'synopsis':"gold"},{'synopsis':"dragon"}]}))
Atlas atlas-flxqcd-shard-0 [primary] mongod_bpractice> db.movies.find({'$and':[{"synopsis":{"regex":"/gold/"}},{"synopsis":{"regex":"/dragon/"}}]})
[
  {
    _id: ObjectId("62831d04ed24ba536d1ddb27"),
    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.'
  }
]
Atlas atlas-flxqcd-shard-0 [primary] mongod_bpractice> db.movies.find({'$or':[{"synopsis":{"regex":"/dwarves/"}},{"synopsis":{"regex":"/hobbit/"}}]})
Uncaught:
SyntaxError: Unexpected token (1:32)
> 1 | db.movies.find({'$or':[{"synopsis":{"regex":"/dwarves/"}},{"synopsis":{"regex":"/hobbit/"}}]})
    |                                     ^
    2 |
Atlas atlas-flxqcd-shard-0 [primary] mongod_bpractice> db.movies.find({'$or':[{"synopsis":{"regex":"/dwarves/"}},{"synopsis":{"regex":"/hobbit/"}}]})
[
  {
    _id: ObjectId("62831d04ed24ba536d1ddb27"),
    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("62831dbeed24ba536d1ddb28"),
    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 reclaimn Erebor, their homeland, from Smaug. Bilbo Baggins is in poss
essions of a mysterious and magical ring'
  }
]
Atlas atlas-flxqcd-shard-0 [primary] mongod_bpractice>
```

Select mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice

```
-from the dragun Smaug."
}
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({$or:[{"synopsis":{"regex:/dwarves/}},{"synopsis":{"regex:/hobbit/}}]})
Uncaught:
SyntaxError: Unexpected token (1:32)

> 1 | db.movies.find({$or:[{"synopsis":{"regex:/dwarves/}},{"synopsis":{"regex:/hobbit/}}]})
  2 |
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({$or:[{"synopsis":{"regex:/dwarves/}},{"synopsis":{"regex:/hobbit/}}]})
[
  {
    _id: ObjectId("62831d04ed24ba536d1ddb27"),
    title: 'The Hobbit: An Unexpected Journey',
    writer: 'J.R.R.Tolkein',
    year: 2012,
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    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
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  {
    _id: ObjectId("62831dbeed24ba536d1ddb28"),
    title: 'The Hobbit:The Desolation of Smaug',
    writer: 'J.R.R.Tolkein',
    year: 2013,
    franchise: 'The Hobbit',
    synopsis: 'The dwarves, alon with Bilbo Baggins and Grandalf the Grey, continue their quest to reclaimn Erebor, their homeland, from Smaug. Bilbo Baggins is in poss
essions of a mysterious and magical ring'
  }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.delete({"title":"Pee Wee Herman's Adventure"})
TypeError: db.movies.delete is not a function
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>
DeprecationWarning: Collection.remove() is deprecated. Use deleteOne, deleteMany, findOneAndDelete, or bulkWrite.
{ acknowledged: true, deletedCount: 1 }
```

```
mongosh mongodb+srv://<credentials>@test.wzcv0.mongodb.net/mongodb_practice

  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 dragun Smaug.'
}
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({$or:[{"synopsis":{"regex:/dwarves/}},{"synopsis":{"regex:/hobbit/}}]})
Uncaught:
SyntaxError: Unexpected token (1:32)

> 1 | db.movies.find({$or:[{"synopsis":{"regex:/dwarves/}},{"synopsis":{"regex:/hobbit/}}]})
  |                                     ^
  2 |

Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.find({$or:[{"synopsis":{"regex:/dwarves/}},{"synopsis":{"regex:/hobbit/}}]})
[
  {
    _id: ObjectId("62831d04ed24ba536d1ddb27"),
    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 dragun Smaug.'
  },
  {
    _id: ObjectId("62831dbeed24ba536d1ddb28"),
    title: 'The Hobbit:The Desolation of Smaug',
    writer: 'J.R.R.Tolkein',
    year: 2013,
    franchise: 'The Hobbit',
    synopsis: 'The dwarves, alon with Bilbo Baggins and Grandalf the Grey, continue their quest to reclaimn Erebor, their homeland, from Smaug. Bilbo Baggins is in poss
    sessions of a mysterious and magical ring'
  }
]
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.delete({"title":"Pee Wee Herman's Adventure"})
TypeError: db.movies.delete is not a function
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>
TypeError: db.movies.delete is not a functionpreacted. Use deleteOne, deleteMany, findOneAndDelete, or bulkWrite.
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>

Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.delete({"title":"Avatar"})
TypeError: db.movies.delete is not a function
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice> db.movies.remove({"title":"Avatar"})
{ acknowledged: true, deletedCount: 1 }
Atlas atlas-flxqed-shard-0 [primary] mongodb_practice>
```

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MongoDB - Concept of Aggregation

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When MongoDB users want to gather metrics from a MongoDB database, aggregation of MongoDB is the best tool for this. Bundling the data from numerous record sources which are then operated in various ways on a pool of data for returning a combined result is what MongoDB allows its users. In this chapter, you will learn about the concept of aggregation that s supported by MongoDB.

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