Atlas atlas-pn61nz-shard-0 [primary] Mongo\_practice> **show dbs**

mongo\_practice 8.19 kB

admin 377 kB

local 6.08 GB

Atlas atlas-pn61nz-shard-0 [primary] Mongo\_practice> **use mongo\_practice**

switched to db mongo\_practice

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.createCollection("movies")**

{ ok: 1 }

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.find().pretty()**

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **show collections**

books

Movies

Insert Documents

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.insert({title:'Fight Club',writer:'Chuck Palahniuko',year:1999,actors:['Brad Pitt','Edward Norton']})**

**DeprecationWarning: Collection.insert() is deprecated. Use insertOne, insertMany, or bulkWrite.**

{

acknowledged: true,

insertedIds: { '0': ObjectId("617a7fa7026388ddfcb44947") }

}

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.insert({title:'Pulp Fiction',writer:'Quentin Tarantino',year:1994,actors:['John Travolta','Uma Thurman']})**

{

acknowledged: true,

insertedIds: { '0': ObjectId("617a7fca026388ddfcb44948") }

}

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.insert({title:'The Hobbit: An Unexpected Journey',writer:'J.R.R. Tolkien',year:2012,franchise: 'The Hobbit'})**

{

acknowledged: true,

insertedIds: { '0': ObjectId("617a7fed026388ddfcb44949") }

}

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.insert({title:'The Hobbit: The Desolation of Smaug',writer:'J.R.R. Tolkien',year:2013,franchise:'The Hobbit'})**

**{**

acknowledged: true,

insertedIds: { '0': ObjectId("617a8008026388ddfcb4494a") }

}

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice>

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.insert({title:'The Hobbit: The Battle of 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.'})**

{

acknowledged: true,

insertedIds: { '0': ObjectId("617a803b026388ddfcb4494b") }

}

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> db.movies.insert({title:'Avatar'})**db.movies.insert({title:'Avatar'})**

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.insert({title:'Avatar'})**

{

acknowledged: true,

insertedIds: { '0': ObjectId("617a8093026388ddfcb4494c") }

}

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.insert({title:"Pee Wee Herman's Big Adventure"})**

{

acknowledged: true,

insertedIds: { '0': ObjectId("617a80a1026388ddfcb4494d") }

}

**(Find Documents)**

=================

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.find()**

[

{

\_id: ObjectId("617a7fa7026388ddfcb44947"),

title: 'Fight Club',

writer: 'Chuck Palahniuko',

year: 1999,

actors: [ 'Brad Pitt', 'Edward Norton' ]

},

{

\_id: ObjectId("617a7fca026388ddfcb44948"),

title: 'Pulp Fiction',

writer: 'Quentin Tarantino',

year: 1994,

actors: [ 'John Travolta', 'Uma Thurman' ]

},

{

\_id: ObjectId("617a7fed026388ddfcb44949"),

title: 'The Hobbit: An Unexpected Journey',

writer: 'J.R.R. Tolkien',

year: 2012,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("617a8008026388ddfcb4494a"),

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

writer: 'J.R.R. Tolkien',

year: 2013,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("617a803b026388ddfcb4494b"),

title: 'The Hobbit: The Battle of 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("617a8093026388ddfcb4494c"), title: 'Avatar' },

{

\_id: ObjectId("617a80a1026388ddfcb4494d"),

title: "Pee Wee Herman's Big Adventure"

}

]

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.find({actors:"Brad Pitt"})**

[

{

\_id: ObjectId("617a7fa7026388ddfcb44947"),

title: 'Fight Club',

writer: 'Chuck Palahniuko',

year: 1999,

actors: [ 'Brad Pitt', 'Edward Norton' ]

}

]

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.find({franchise:"The Hobbit"})**

**[**

{

\_id: ObjectId("617a7fed026388ddfcb44949"),

title: 'The Hobbit: An Unexpected Journey',

writer: 'J.R.R. Tolkien',

year: 2012,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("617a8008026388ddfcb4494a"),

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

writer: 'J.R.R. Tolkien',

year: 2013,

franchise: 'The Hobbit'

},

{

\_id: ObjectId("617a803b026388ddfcb4494b"),

title: 'The Hobbit: The Battle of 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.'

}

]

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.find({year:{$lt:2010,$gt:2000}})**

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.update({title:'The Hobbit: An Unexpected Journey'},{$set: {synopsis: 'A reluctant hobbit, Bilbo Baggins, sets out to the Lonely Mountain with a spirited roup of dwarves to reclaim their mountain home = and the gold within it - from the dragon smaug.'} })**

DeprecationWarning: Collection.update() is deprecated. Use updateOne, updateMany, or bulkWrite.

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

**(Update Documents)**

**===================**

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **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 magical ring.'} })**

{

acknowledged: true,

insertedId: null,

matchedCount: 0,

modifiedCount: 0,

upsertedCount: 0

}

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.update({title:'Pulp Fiction'},{$push:{actors: 'Samuel L. Jackson'}})**

{

acknowledged: true,

insertedId: null,

matchedCount: 1,

modifiedCount: 1,

upsertedCount: 0

}

**(Text Search)**

**=============**

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> db.movies.createIndex({synopsis:'text'})

synopsis\_text

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.find({$text:{$search:'Bilbo'}})**

**[**

{

\_id: ObjectId("617a803b026388ddfcb4494b"),

title: 'The Hobbit: The Battle of 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("617a7fed026388ddfcb44949"),

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 roup of dwarves to reclaim their mountain home = and the gold within it - from the dragon smaug.'

}

]

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.find({$text:{$search:'Gandalf'}})**

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.find({$text:{$search:'Bilbo -Gandalf'}})**

[

{

\_id: ObjectId("617a803b026388ddfcb4494b"),

title: 'The Hobbit: The Battle of 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("617a7fed026388ddfcb44949"),

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 roup of dwarves to reclaim their mountain home = and the gold within it - from the dragon smaug.'

}

]

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.find({$text:{$search:'dwarves hobbit'}})**

[

{

\_id: ObjectId("617a7fed026388ddfcb44949"),

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 roup of dwarves to reclaim their mountain home = and the gold within it - from the dragon smaug.'

}

]

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.find({$text:{$search:"'gold' 'dragon'"}})**

[

{

\_id: ObjectId("617a7fed026388ddfcb44949"),

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 roup of dwarves to reclaim their mountain home = and the gold within it - from the dragon smaug.'

}

]

**(Delete Documents)**

**==================**

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.remove({title: "Avatar"})**

DeprecationWarning: Collection.remove() is deprecated. Use deleteOne, deleteMany, findOneAndDelete, or bulkWrite.

{ acknowledged: true, deletedCount: 1 }

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.movies.remove({title: "Pee Wee Herman's Big Adventure"})**

{ acknowledged: true, deletedCount: 1 }

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice>

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> db.createCollection('users')

{ ok: 1 }

**(Relationships)**

**================**

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.users.insertMany([**

**...**

**... { username: "GoodGuyGreg", first\_name:"Good Guy",last\_name:"Greg"},**

**... { username: "ScumbagSteve", full\_name:{first\_name:"Scumbag",last\_name:"Steve"} }**

**... ]);**

{

acknowledged: true,

insertedIds: {

'0': ObjectId("617a83b4026388ddfcb4494e"),

'1': ObjectId("617a83b4026388ddfcb4494f")

}

}

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.posts.insertMany([**

**{ username: "GoodGuyGreg", title:"Passes out at party",body:"Wakes up early and cleans house"},**

**{ username: "GoodGuyGreg", title:"Steals your identity",body:"Raises your credit score"},**

**{ username: "GoodGuyGreg", title:"Reports a bug in your code",body:"Sends you a pull request"},**

**{ username: "ScumbagSteve", title:"Borrows something",body:"Sells it"},**

**{ username: "ScumbagSteve", title:"Borrows everything",body:"The end"},**

**{ username: "ScumbagSteve", title:"Forks your repo on github",body:"Sets to private"}**

**]);**

**{**

acknowledged: true,

insertedIds: {

'0': ObjectId("617a83fe026388ddfcb44950"),

'1': ObjectId("617a83fe026388ddfcb44951"),

'2': ObjectId("617a83fe026388ddfcb44952"),

'3': ObjectId("617a83fe026388ddfcb44953"),

'4': ObjectId("617a83fe026388ddfcb44954"),

'5': ObjectId("617a83fe026388ddfcb44955")

}

}

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> db.comments.insertMany([

...

... { username: "GoodGuyGreg", comment:"Hope you got a good deal!",post:"607f49ca845ea1cba8e2ij18"},

... { username: "GoodGuyGreg", comment:"What's mine is yours!",post:"607f49ca845ea1cba8e2ij19"},

...

... { username: "GoodGuyGreg", comment:"Don't violate the licensing agreement!",post:"607f49ca845ea1cba8e2ij20"},

...

... { username: "ScumbagSteve", comment:"It still isn't clean",post:"607f49ca845ea1cba8e2ij21"},

...

... { username: "ScumbagSteve", comment:"Denied your PR cause I found a hack",post:"607f49ca845ea1cba8e2ij22"}

... ]);

{

acknowledged: true,

insertedIds: {

'0': ObjectId("617a843b026388ddfcb44956"),

'1': ObjectId("617a843b026388ddfcb44957"),

'2': ObjectId("617a843b026388ddfcb44958"),

'3': ObjectId("617a843b026388ddfcb44959"),

'4': ObjectId("617a843b026388ddfcb4495a")

}

}

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.users.find()**

[

{

\_id: ObjectId("617a83b4026388ddfcb4494e"),

username: 'GoodGuyGreg',

first\_name: 'Good Guy',

last\_name: 'Greg'

},

{

\_id: ObjectId("617a83b4026388ddfcb4494f"),

username: 'ScumbagSteve',

full\_name: { first\_name: 'Scumbag', last\_name: 'Steve' }

}

]

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> db.posts.find()

[

{

\_id: ObjectId("617a83fe026388ddfcb44950"),

username: 'GoodGuyGreg',

title: 'Passes out at party',

body: 'Wakes up early and cleans house'

},

{

\_id: ObjectId("617a83fe026388ddfcb44951"),

username: 'GoodGuyGreg',

title: 'Steals your identity',

body: 'Raises your credit score'

},

{

\_id: ObjectId("617a83fe026388ddfcb44952"),

username: 'GoodGuyGreg',

title: 'Reports a bug in your code',

body: 'Sends you a pull request'

},

{

\_id: ObjectId("617a83fe026388ddfcb44953"),

username: 'ScumbagSteve',

title: 'Borrows something',

body: 'Sells it'

},

{

\_id: ObjectId("617a83fe026388ddfcb44954"),

username: 'ScumbagSteve',

title: 'Borrows everything',

body: 'The end'

},

{

\_id: ObjectId("617a83fe026388ddfcb44955"),

username: 'ScumbagSteve',

title: 'Forks your repo on github',

body: 'Sets to private'

}

]

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.posts.find({username:"GoodGuyGreg"})**

[

{

\_id: ObjectId("617a83fe026388ddfcb44950"),

username: 'GoodGuyGreg',

title: 'Passes out at party',

body: 'Wakes up early and cleans house'

},

{

\_id: ObjectId("617a83fe026388ddfcb44951"),

username: 'GoodGuyGreg',

title: 'Steals your identity',

body: 'Raises your credit score'

},

{

\_id: ObjectId("617a83fe026388ddfcb44952"),

username: 'GoodGuyGreg',

title: 'Reports a bug in your code',

body: 'Sends you a pull request'

}

]

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> **db.posts.find({username:"ScumbagSteve"})**

[

{

\_id: ObjectId("617a83fe026388ddfcb44953"),

username: 'ScumbagSteve',

title: 'Borrows something',

body: 'Sells it'

},

{

\_id: ObjectId("617a83fe026388ddfcb44954"),

username: 'ScumbagSteve',

title: 'Borrows everything',

body: 'The end'

},

{

\_id: ObjectId("617a83fe026388ddfcb44955"),

username: 'ScumbagSteve',

title: 'Forks your repo on github',

body: 'Sets to private'

}

]

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> db.comments.find()

[

{

\_id: ObjectId("617a843b026388ddfcb44956"),

username: 'GoodGuyGreg',

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

post: '607f49ca845ea1cba8e2ij18'

},

{

\_id: ObjectId("617a843b026388ddfcb44957"),

username: 'GoodGuyGreg',

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

post: '607f49ca845ea1cba8e2ij19'

},

{

\_id: ObjectId("617a843b026388ddfcb44958"),

username: 'GoodGuyGreg',

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

post: '607f49ca845ea1cba8e2ij20'

},

{

\_id: ObjectId("617a843b026388ddfcb44959"),

username: 'ScumbagSteve',

comment: "It still isn't clean",

post: '607f49ca845ea1cba8e2ij21'

},

{

\_id: ObjectId("617a843b026388ddfcb4495a"),

username: 'ScumbagSteve',

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

post: '607f49ca845ea1cba8e2ij22'

}

]

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> db.comments.find({username:"GoodGuyGreg"})

[

{

\_id: ObjectId("617a843b026388ddfcb44956"),

username: 'GoodGuyGreg',

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

post: '607f49ca845ea1cba8e2ij18'

},

{

\_id: ObjectId("617a843b026388ddfcb44957"),

username: 'GoodGuyGreg',

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

post: '607f49ca845ea1cba8e2ij19'

},

{

\_id: ObjectId("617a843b026388ddfcb44958"),

username: 'GoodGuyGreg',

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

post: '607f49ca845ea1cba8e2ij20'

}

]

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice> db.comments.find({username:"ScumbagSteve"})

[

{

\_id: ObjectId("617a843b026388ddfcb44959"),

username: 'ScumbagSteve',

comment: "It still isn't clean",

post: '607f49ca845ea1cba8e2ij21'

},

{

\_id: ObjectId("617a843b026388ddfcb4495a"),

username: 'ScumbagSteve',

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

post: '607f49ca845ea1cba8e2ij22'

}

]

Atlas atlas-pn61nz-shard-0 [primary] mongo\_practice>