MongoDB shell version v5.0.6

connecting to: mongodb://127.0.0.1:27017/?compressors=disabled&gssapiServiceName=mongodb

Implicit session: session { "id" : UUID("883963e8-6b21-4050-9a2b-27aaaa103bff") }

MongoDB server version: 5.0.6

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

Warning: the "mongo" shell has been superseded by "mongosh",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

For installation instructions, see

https://docs.mongodb.com/mongodb-shell/install/

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

---

The server generated these startup warnings when booting:

2022-03-29T10:52:34.790+03:00: Access control is not enabled for the database. Read and write access to data and configuration is unrestricted

---

---

Enable MongoDB's free cloud-based monitoring service, which will then receive and display

metrics about your deployment (disk utilization, CPU, operation statistics, etc).

The monitoring data will be available on a MongoDB website with a unique URL accessible to you

and anyone you share the URL with. MongoDB may use this information to make product

improvements and to suggest MongoDB products and deployment options to you.

To enable free monitoring, run the following command: db.enableFreeMonitoring()

To permanently disable this reminder, run the following command: db.disableFreeMonitoring()

---

> use acme

switched to db acme

> db.posts.insert({

... title: 'Post One',

... body: 'Body of post one',

... category: 'News',

... likes: 4,

... tags: ['news', 'events'],

... user: {

... name: 'John Doe',

... status: 'author'

... },

... date: Date()

... })

WriteResult({ "nInserted" : 1 })

> db.posts.insertMany([

... {

... title: 'Post Two',

... body: 'Body of post two',

... category: 'Technology',

... date: Date()

... },

... {

... title: 'Post Three',

... body: 'Body of post three',

... category: 'Technology',

... date: Date()

... },

... {

... title: 'Post Four',

... body: 'Body of post four',

... category: 'Entertainment',

... date: Date()

... }

... ])

{

"acknowledged" : true,

"insertedIds" : [

ObjectId("6242f7209dc78d9ab4f4e590"),

ObjectId("6242f7209dc78d9ab4f4e591"),

ObjectId("6242f7209dc78d9ab4f4e592")

]

}

> db.posts.find()

{ "\_id" : ObjectId("6242f6429dc78d9ab4f4e58f"), "title" : "Post One", "body" : "Body of post one", "category" : "News", "likes" : 4, "tags" : [ "news", "events" ], "user" : { "name" : "John Doe", "status" : "author" }, "date" : "Tue Mar 29 2022 15:06:26 GMT+0300" }

{ "\_id" : ObjectId("6242f7209dc78d9ab4f4e590"), "title" : "Post Two", "body" : "Body of post two", "category" : "Technology", "date" : "Tue Mar 29 2022 15:10:08 GMT+0300" }

{ "\_id" : ObjectId("6242f7209dc78d9ab4f4e591"), "title" : "Post Three", "body" : "Body of post three", "category" : "Technology", "date" : "Tue Mar 29 2022 15:10:08 GMT+0300" }

{ "\_id" : ObjectId("6242f7209dc78d9ab4f4e592"), "title" : "Post Four", "body" : "Body of post four", "category" : "Entertainment", "date" : "Tue Mar 29 2022 15:10:08 GMT+0300" }

> db.posts.find().pretty()

{

"\_id" : ObjectId("6242f6429dc78d9ab4f4e58f"),

"title" : "Post One",

"body" : "Body of post one",

"category" : "News",

"likes" : 4,

"tags" : [

"news",

"events"

],

"user" : {

"name" : "John Doe",

"status" : "author"

},

"date" : "Tue Mar 29 2022 15:06:26 GMT+0300"

}

{

"\_id" : ObjectId("6242f7209dc78d9ab4f4e590"),

"title" : "Post Two",

"body" : "Body of post two",

"category" : "Technology",

"date" : "Tue Mar 29 2022 15:10:08 GMT+0300"

}

{

"\_id" : ObjectId("6242f7209dc78d9ab4f4e591"),

"title" : "Post Three",

"body" : "Body of post three",

"category" : "Technology",

"date" : "Tue Mar 29 2022 15:10:08 GMT+0300"

}

{

"\_id" : ObjectId("6242f7209dc78d9ab4f4e592"),

"title" : "Post Four",

"body" : "Body of post four",

"category" : "Entertainment",

"date" : "Tue Mar 29 2022 15:10:08 GMT+0300"

}

> db.posts.find({category: 'News'}).pretty()

{

"\_id" : ObjectId("6242f6429dc78d9ab4f4e58f"),

"title" : "Post One",

"body" : "Body of post one",

"category" : "News",

"likes" : 4,

"tags" : [

"news",

"events"

],

"user" : {

"name" : "John Doe",

"status" : "author"

},

"date" : "Tue Mar 29 2022 15:06:26 GMT+0300"

}

> db.posts.find().sort({title: 1}).pretty()

{

"\_id" : ObjectId("6242f7209dc78d9ab4f4e592"),

"title" : "Post Four",

"body" : "Body of post four",

"category" : "Entertainment",

"date" : "Tue Mar 29 2022 15:10:08 GMT+0300"

}

{

"\_id" : ObjectId("6242f6429dc78d9ab4f4e58f"),

"title" : "Post One",

"body" : "Body of post one",

"category" : "News",

"likes" : 4,

"tags" : [

"news",

"events"

],

"user" : {

"name" : "John Doe",

"status" : "author"

},

"date" : "Tue Mar 29 2022 15:06:26 GMT+0300"

}

{

"\_id" : ObjectId("6242f7209dc78d9ab4f4e591"),

"title" : "Post Three",

"body" : "Body of post three",

"category" : "Technology",

"date" : "Tue Mar 29 2022 15:10:08 GMT+0300"

}

{

"\_id" : ObjectId("6242f7209dc78d9ab4f4e590"),

"title" : "Post Two",

"body" : "Body of post two",

"category" : "Technology",

"date" : "Tue Mar 29 2022 15:10:08 GMT+0300"

}

> db.posts.find({category: 'News'}).count()

1

> db.posts.find().limit(2)

{ "\_id" : ObjectId("6242f6429dc78d9ab4f4e58f"), "title" : "Post One", "body" : "Body of post one", "category" : "News", "likes" : 4, "tags" : [ "news", "events" ], "user" : { "name" : "John Doe", "status" : "author" }, "date" : "Tue Mar 29 2022 15:06:26 GMT+0300" }

{ "\_id" : ObjectId("6242f7209dc78d9ab4f4e590"), "title" : "Post Two", "body" : "Body of post two", "category" : "Technology", "date" : "Tue Mar 29 2022 15:10:08 GMT+0300" }

> db.posts.find().forEach(function(doc) { print('Blog Post: ' + doc.title)})

Blog Post: Post One

Blog Post: Post Two

Blog Post: Post Three

Blog Post: Post Four

> db.posts.findOne({category: 'News'})

{

"\_id" : ObjectId("6242f6429dc78d9ab4f4e58f"),

"title" : "Post One",

"body" : "Body of post one",

"category" : "News",

"likes" : 4,

"tags" : [

"news",

"events"

],

"user" : {

"name" : "John Doe",

"status" : "author"

},

"date" : "Tue Mar 29 2022 15:06:26 GMT+0300"

}

> db.posts.update({title: 'Post Two'},

... {

... title: 'Post Two'

... body: 'New post 2 body'

... date: Date()

... },

... {

... upsert:true

... }

... )

uncaught exception: SyntaxError: missing } after property list :

@(shell):4:0

> db.posts.update({title: 'Post Two'},

... {

... title: 'Post Two',

... body: 'New post 2 body',

... date: Date()

... },

... {

... upsert:true

... }

... )

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

> db.posts.find({title: 'Post Two'}).pretty()

{

"\_id" : ObjectId("6242f7209dc78d9ab4f4e590"),

"title" : "Post Two",

"body" : "New post 2 body",

"date" : "Tue Mar 29 2022 15:21:48 GMT+0300"

}

> db.posts.update({title: 'Post Two'},

... {

... $set: {

... body: 'Body of post 2',

... category: 'Technology'

... }

... }

... )

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

> db.posts.find({title: 'Post Two'}).pretty()

{

"\_id" : ObjectId("6242f7209dc78d9ab4f4e590"),

"title" : "Post Two",

"body" : "Body of post 2",

"date" : "Tue Mar 29 2022 15:21:48 GMT+0300",

"category" : "Technology"

}

> db.posts.find({title: 'Post One'}).pretty()

{

"\_id" : ObjectId("6242f6429dc78d9ab4f4e58f"),

"title" : "Post One",

"body" : "Body of post one",

"category" : "News",

"likes" : 4,

"tags" : [

"news",

"events"

],

"user" : {

"name" : "John Doe",

"status" : "author"

},

"date" : "Tue Mar 29 2022 15:06:26 GMT+0300"

}

> db.posts.update({title:'Post One'}, {$inc: {likes: 2}})

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

> db.posts.find({title: 'Post One'}).pretty()

{

"\_id" : ObjectId("6242f6429dc78d9ab4f4e58f"),

"title" : "Post One",

"body" : "Body of post one",

"category" : "News",

"likes" : 6,

"tags" : [

"news",

"events"

],

"user" : {

"name" : "John Doe",

"status" : "author"

},

"date" : "Tue Mar 29 2022 15:06:26 GMT+0300"

}

> db.posts.update({title:'Post One'}, {$rename: {likes: 'views'}})

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

> db.posts.find({title: 'Post One'}).pretty()

{

"\_id" : ObjectId("6242f6429dc78d9ab4f4e58f"),

"title" : "Post One",

"body" : "Body of post one",

"category" : "News",

"tags" : [

"news",

"events"

],

"user" : {

"name" : "John Doe",

"status" : "author"

},

"date" : "Tue Mar 29 2022 15:06:26 GMT+0300",

"views" : 6

}

> db.posts.find()

{ "\_id" : ObjectId("6242f6429dc78d9ab4f4e58f"), "title" : "Post One", "body" : "Body of post one", "category" : "News", "tags" : [ "news", "events" ], "user" : { "name" : "John Doe", "status" : "author" }, "date" : "Tue Mar 29 2022 15:06:26 GMT+0300", "views" : 6 }

{ "\_id" : ObjectId("6242f7209dc78d9ab4f4e590"), "title" : "Post Two", "body" : "Body of post 2", "date" : "Tue Mar 29 2022 15:21:48 GMT+0300", "category" : "Technology" }

{ "\_id" : ObjectId("6242f7209dc78d9ab4f4e591"), "title" : "Post Three", "body" : "Body of post three", "category" : "Technology", "date" : "Tue Mar 29 2022 15:10:08 GMT+0300" }

{ "\_id" : ObjectId("6242f7209dc78d9ab4f4e592"), "title" : "Post Four", "body" : "Body of post four", "category" : "Entertainment", "date" : "Tue Mar 29 2022 15:10:08 GMT+0300" }

> db.posts.remove({title: 'Post Four'})

WriteResult({ "nRemoved" : 1 })

> db.posts.find()

{ "\_id" : ObjectId("6242f6429dc78d9ab4f4e58f"), "title" : "Post One", "body" : "Body of post one", "category" : "News", "tags" : [ "news", "events" ], "user" : { "name" : "John Doe", "status" : "author" }, "date" : "Tue Mar 29 2022 15:06:26 GMT+0300", "views" : 6 }

{ "\_id" : ObjectId("6242f7209dc78d9ab4f4e590"), "title" : "Post Two", "body" : "Body of post 2", "date" : "Tue Mar 29 2022 15:21:48 GMT+0300", "category" : "Technology" }

{ "\_id" : ObjectId("6242f7209dc78d9ab4f4e591"), "title" : "Post Three", "body" : "Body of post three", "category" : "Technology", "date" : "Tue Mar 29 2022 15:10:08 GMT+0300" }

>