

MongoDB Web Shell

Click to connect

Connecting...

MongoDB shell version v4.2.0

connecting to: mongodb://127.0.0.1:27017/?

authSource=admin&compressors=disabled&gssapiServiceName=mongodb

Implicit session: session { "id" : UUID("6d4ccc1d-787e-4006-86cb-0dac4a852c64") }

MongoDB server version: 4.2.0

type "help" for help

>>> db

test

>>> use examples

switched to db examples

>>> db

examples

>>>

Full

Reset

Clear

```
tags: [ "blank", "red" ] },
...   { item: "postcard", qty: 45, status: "A", size: { h: 10, w: 15.25, uom: "cm" },
tags: [ "blue" ] }
...   ]);
...
... // MongoDB adds an _id field with an ObjectId value if the field is not present in
the document
{
  "acknowledged" : true,
  "insertedIds" : [
    ObjectId("5ec8be77cef2009252ced27a"),
    ObjectId("5ec8be77cef2009252ced27b"),
    ObjectId("5ec8be77cef2009252ced27c"),
    ObjectId("5ec8be77cef2009252ced27d"),
    ObjectId("5ec8be77cef2009252ced27e")
  ]
}
>>> |
```

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    ObjectId("5ec8be77cef2009252ced27c"),
    ObjectId("5ec8be77cef2009252ced27d"),
    ObjectId("5ec8be77cef2009252ced27e")
  ]
}
>>> db.inventory.find({})
{ "_id" : ObjectId("5ec8be77cef2009252ced27a"), "item" : "journal", "qty" : 25, "status" : "A", "size" : { "h" : 14, "w" : 21, "uom" : "cm" }, "tags" : [ "blank", "red" ] }
{ "_id" : ObjectId("5ec8be77cef2009252ced27b"), "item" : "notebook", "qty" : 50, "status" : "A", "size" : { "h" : 8.5, "w" : 11, "uom" : "in" }, "tags" : [ "red", "blank" ] }
{ "_id" : ObjectId("5ec8be77cef2009252ced27c"), "item" : "paper", "qty" : 10, "status" : "D", "size" : { "h" : 8.5, "w" : 11, "uom" : "in" }, "tags" : [ "red", "blank", "plain" ] }
{ "_id" : ObjectId("5ec8be77cef2009252ced27d"), "item" : "planner", "qty" : 0, "status" : "D", "size" : { "h" : 22.85, "w" : 30, "uom" : "cm" }, "tags" : [ "blank", "red" ] }
{ "_id" : ObjectId("5ec8be77cef2009252ced27e"), "item" : "postcard", "qty" : 45, "status" : "A", "size" : { "h" : 10, "w" : 15.25, "uom" : "cm" }, "tags" : [ "blue" ] }
>>>

```

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```
. "A", size : { h : 10, w : 13.25, uom : "cm" }, tags : [ "blue" ] }
```

```
>>> db.inventory.find({}).pretty()
```

```
{
  "_id" : ObjectId("5ec8be77cef2009252ced27a"),
  "item" : "journal",
  "qty" : 25,
  "status" : "A",
  "size" : {
    "h" : 14,
    "w" : 21,
    "uom" : "cm"
  },
  "tags" : [
    "blank",
    "red"
  ]
}
```

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>>> db.inventory.find( { status: "D" } );
{ "_id" : ObjectId("5ec8be77cef2009252ced27c"), "item" : "paper", "qty" : 10, "status" :
"D", "size" : { "h" : 8.5, "w" : 11, "uom" : "in" }, "tags" : [ "red", "blank", "plain" ]
}
{ "_id" : ObjectId("5ec8be77cef2009252ced27d"), "item" : "planner", "qty" : 0, "status" :
"D", "size" : { "h" : 22.85, "w" : 30, "uom" : "cm" }, "tags" : [ "blank", "red" ] }
>>> db.inventory.find( { qty: 0 } );
{ "_id" : ObjectId("5ec8be77cef2009252ced27d"), "item" : "planner", "qty" : 0, "status" :
"D", "size" : { "h" : 22.85, "w" : 30, "uom" : "cm" }, "tags" : [ "blank", "red" ] }
>>> db.inventory.find( { qty: 0, status: "D" } );
{ "_id" : ObjectId("5ec8be77cef2009252ced27d"), "item" : "planner", "qty" : 0, "status" :
"D", "size" : { "h" : 22.85, "w" : 30, "uom" : "cm" }, "tags" : [ "blank", "red" ] }
>>> db.inventory.find( { "size.uom": "in" } )
{ "_id" : ObjectId("5ec8be77cef2009252ced27b"), "item" : "notebook", "qty" : 50, "status"
: "A", "size" : { "h" : 8.5, "w" : 11, "uom" : "in" }, "tags" : [ "red", "blank" ] }
{ "_id" : ObjectId("5ec8be77cef2009252ced27c"), "item" : "paper", "qty" : 10, "status" :
"D", "size" : { "h" : 8.5, "w" : 11, "uom" : "in" }, "tags" : [ "red", "blank", "plain" ]
}

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>>> db.inventory.find( { size: { h: 14, w: 21, uom: "cm" } } )
{ "_id" : ObjectId("5ec8be77cef2009252ced27a"), "item" : "journal", "qty" : 25, "status"
: "A", "size" : { "h" : 14, "w" : 21, "uom" : "cm" }, "tags" : [ "blank", "red" ] }
>>> db.inventory.find( { tags: "red" } )
{ "_id" : ObjectId("5ec8be77cef2009252ced27a"), "item" : "journal", "qty" : 25, "status"
: "A", "size" : { "h" : 14, "w" : 21, "uom" : "cm" }, "tags" : [ "blank", "red" ] }
{ "_id" : ObjectId("5ec8be77cef2009252ced27b"), "item" : "notebook", "qty" : 50, "status"
: "A", "size" : { "h" : 8.5, "w" : 11, "uom" : "in" }, "tags" : [ "red", "blank" ] }
{ "_id" : ObjectId("5ec8be77cef2009252ced27c"), "item" : "paper", "qty" : 10, "status" :
"D", "size" : { "h" : 8.5, "w" : 11, "uom" : "in" }, "tags" : [ "red", "blank", "plain" ]
}
{ "_id" : ObjectId("5ec8be77cef2009252ced27d"), "item" : "planner", "qty" : 0, "status" :
"D", "size" : { "h" : 22.85, "w" : 30, "uom" : "cm" }, "tags" : [ "blank", "red" ] }
>>> db.inventory.find( { tags: [ "red", "blank" ] } )
{ "_id" : ObjectId("5ec8be77cef2009252ced27b"), "item" : "notebook", "qty" : 50, "status"
: "A", "size" : { "h" : 8.5, "w" : 11, "uom" : "in" }, "tags" : [ "red", "blank" ] }
>>>

```

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```
>>> db.inventory.find( { }, { item: 1, status: 1 } );
{ "_id" : ObjectId("5ec8be77cef2009252ced27a"), "item" : "journal", "status" : "A" }
{ "_id" : ObjectId("5ec8be77cef2009252ced27b"), "item" : "notebook", "status" : "A" }
{ "_id" : ObjectId("5ec8be77cef2009252ced27c"), "item" : "paper", "status" : "D" }
{ "_id" : ObjectId("5ec8be77cef2009252ced27d"), "item" : "planner", "status" : "D" }
{ "_id" : ObjectId("5ec8be77cef2009252ced27e"), "item" : "postcard", "status" : "A" }
>>> db.inventory.find( {}, { _id: 0, item: 1, status: 1 } );
{ "item" : "journal", "status" : "A" }
{ "item" : "notebook", "status" : "A" }
{ "item" : "paper", "status" : "D" }
{ "item" : "planner", "status" : "D" }
{ "item" : "postcard", "status" : "A" }
>>> |
```

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