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EXTENSIONS: MARKETPLACE

mongodb

MongoDB for VS Code 2204ms
Connect to MongoDB and Atlas dir...
MongoDB

EST JavaScript/Node/... 52K ★ 5
Simple extension for Node, javascri...
abrahamwilliam007

Mongodb-dly 5K ★ 5
It is a quickly administrator of mon...
devilkeyou

Auto MongoDB 17K ★ 3
One click to run MongoDB without ...
Allen Lawrence

MongoDB ID Generator 2K ★ 5
Generates MongoDB IDs
Jonathan Lewis

Azure Databases 1.2M ★ 3
Create, browse, and update globally...
Microsoft

Azure Tools 895K ★ 3
Get web site hosting, SQL and Mon...
Microsoft

Mongo Runner 71K ★ 3.5
MongoDB Runner is a VSCode exte...
Joey Yi Zhao

Mongo Snippets for... 175K ★ 4.5
Provides snippets, boilerplate code ...
Rohan Mukherjee

CodeSpaces main 0 0 0 0

72°F Sunny

Search

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```
1 /* global use, db */
2 // MongoDB Playground
3 // To disable this template go to Settings | MongoDB | Use
4 // Make sure you are connected to enable completions and to
5 // Use Ctrl+Space inside a snippet or a string literal to t
6 // The result of the last command run in a playground is sh
7 // By default the first 20 documents will be returned with
8 // Use 'console.log()' to print to the debug output.
9 // For more documentation on playgrounds please refer to
10 // https://www.mongodb.com/docs/mongodb-vscode/playgrounds/
11
12 // Select the database to use.
13 use('mongodbvscodeplaygrounddb');
14
15 // Insert a few documents into the sales collection.
16 db.getCollection('sales').insertMany([
17   { 'item': 'abc', 'price': 10, 'quantity': 2, 'date': new
18   { 'item': 'jkl', 'price': 20, 'quantity': 1, 'date': new
19   { 'item': 'xyz', 'price': 5, 'quantity': 10, 'date': new
```

Playground Result

```
1 {
2   {
3     "id": "abc",
4     "totalSaleAmount": 120
5   },
6   {
7     "id": "jkl",
8     "totalSaleAmount": 20
9   },
10  {
11    "id": "xyz",
12    "totalSaleAmount": 150
13  }
14 }
```

PROBLEMS OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

Playground output

2 sales occurred in 2014.

Ln 1, Col 1 Spaces: 4 UTF-8 LF {} JavaScript Layout: US

2:29 PM 8/20/2023

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MONGODB

CONNECTIONS

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PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
- hos07.mongodb.js

HELP AND FEEDBACK

- What's New
- Extension Documentation
- MongoDB Documentation
- Suggest a Feature
- Report a Bug
- Create Free Atlas Cluster

CodeSpaces main* 4 0 0 0

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Search

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```
1 show dbs
2
```

Playground Result

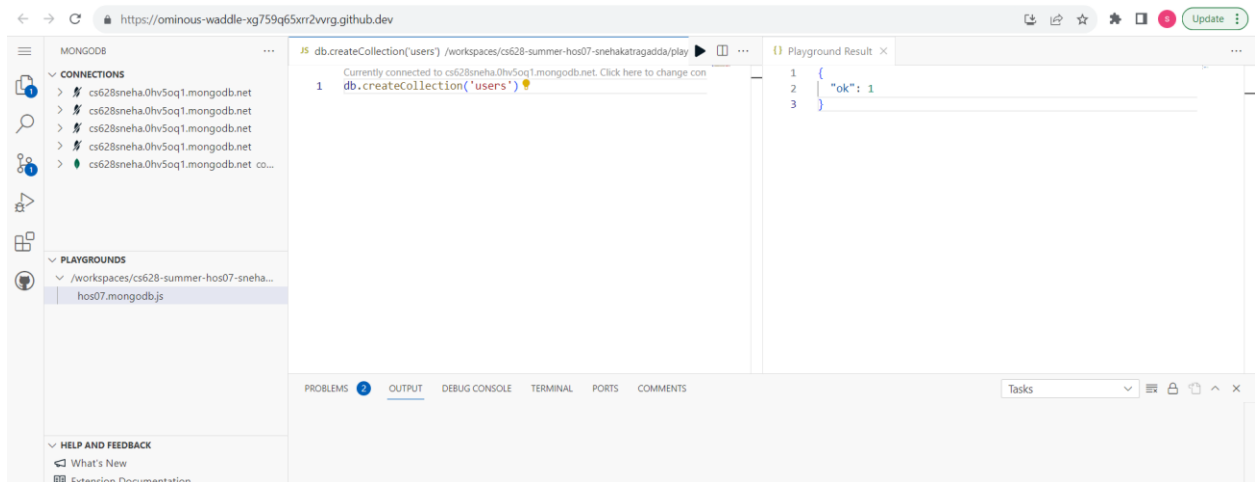
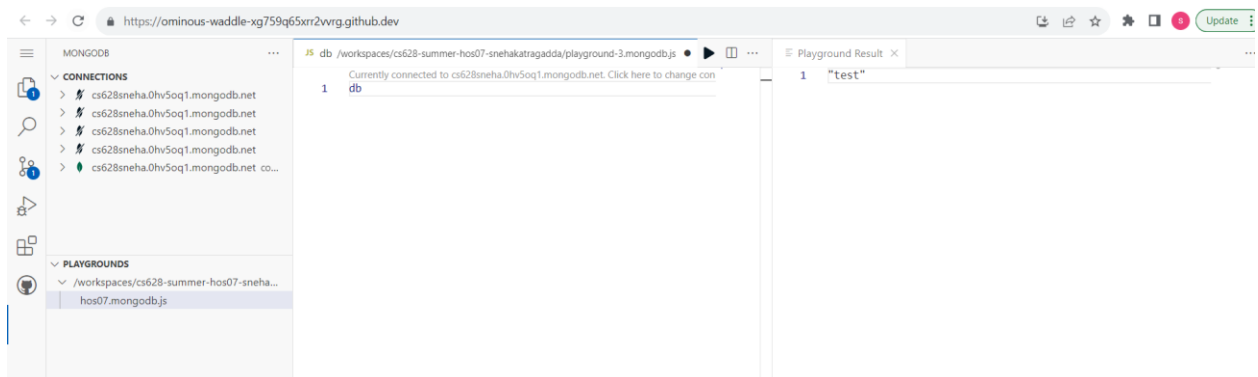
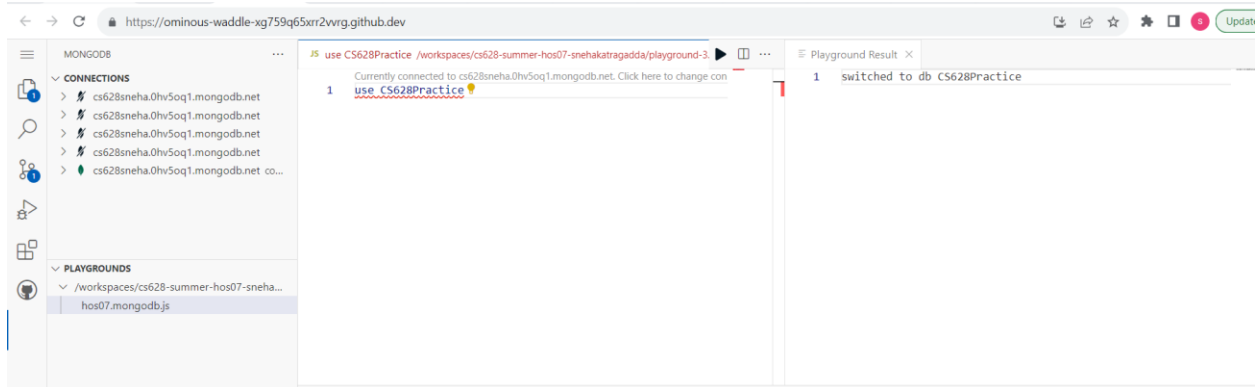
```
1 {
2   {
3     "name": "mongodbvscodeplaygrounddb",
4     "sizeOnDisk": 40960,
5     "empty": false
6   },
7   {
8     "name": "admin",
9     "sizeOnDisk": 344064,
10    "empty": false
11  },
12  {
13    "name": "local",
14    "sizeOnDisk": 2441711616,
15    "empty": false
16  }
17 }
```

PROBLEMS 4 OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

Tasks

Ln 16, Col 4 Spaces: 2 {} JSON Layout: US

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PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
- hos07.mongodb.js

HELP AND FEEDBACK

- What's New
- Extension Documentation
- MongoDB Documentation

db.users.insertMany([/workspaces/cs628-summer-hos07-snehakatragadda/playground-3.mongodb.js])

```
1 db.users.insertMany([
2   { name: 'user1', age: 30, email: 'user1@example.com' },
3   { name: 'user2', age: 25, email: 'user2@example.com' },
4   { name: 'user3', age: 28, email: 'user3@example.com' }
5 ])
```

Playground Result

```
1 {
2   "acknowledged": true,
3   "insertedIds": {
4     "0": {
5       "$oid": "64e28cf8c07a0a5957a2421f"
6     },
7     "1": {
8       "$oid": "64e28cf8c07a0a5957a24220"
9     },
10    "2": {
11      "$oid": "64e28cf8c07a0a5957a24221"
12    }
13  }
14 }
```

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PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
- hos07.mongodb.js

HELP AND FEEDBACK

- What's New
- Extension Documentation

db.users.find() /workspaces/cs628-summer-hos07-snehakatragadda/playground-3.mongodb.js

```
1 db.users.find()
```

Playground Result

```
1 {
2   "_id": {
3     "$oid": "64e28cf8c07a0a5957a2421f"
4   },
5   "name": "user1",
6   "age": 30,
7   "email": "user1@example.com"
8 },
9 {
10  "_id": {
11    "$oid": "64e28cf8c07a0a5957a24220"
12  },
13  "name": "user2",
14  "age": 25,
15  "email": "user2@example.com"
16 },
17 {
18  "_id": {
19    "$oid": "64e28cf8c07a0a5957a24221"
20  },
21  "name": "user3",
22  "age": 28,
23  "email": "user3@example.com"
24 }
```

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PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
- hos07.mongodb.js

HELP AND FEEDBACK

- What's New
- Extension Documentation

db.users.find({ age: { \$lt: 30 } }) /workspaces/cs628-summer-hos07-snehakatragadda/playground-3.mongodb.js

```
1 db.users.find({ age: { $lt: 30 } })
```

Playground Result

```
1 {
2   "_id": {
3     "$oid": "64e28cf8c07a0a5957a24220"
4   },
5   "name": "user2",
6   "age": 25,
7   "email": "user2@example.com"
8 },
9 {
10  "_id": {
11    "$oid": "64e28cf8c07a0a5957a24221"
12  },
13  "name": "user3",
14  "age": 28,
15  "email": "user3@example.com"
16 }
17 }
```

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PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
- hos07.mongodb.js

HELP AND FEEDBACK

- What's New
- Extension Documentation
- MongoDB Documentation

```
1 db.users.updateOne({ name: 'user1' }, { $set: { age: 31 } })
```

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Playground Result

```
1 {
2   "acknowledged": true,
3   "insertedId": null,
4   "matchedCount": 1,
5   "modifiedCount": 1,
6   "upsertedCount": 0
7 }
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS Tasks

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PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
- hos07.mongodb.js

HELP AND FEEDBACK

- What's New
- Extension Documentation
- MongoDB Documentation

```
1 db.odb.users.deleteOne({ name: 'user2' })
```

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Playground Result

```
1 {
2   "acknowledged": true,
3   "deletedCount": 0
4 }
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS Tasks

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PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
- hos07.mongodb.js

HELP AND FEEDBACK

- What's New
- Extension Documentation
- MongoDB Documentation

```
1 db.users.aggregate([
2   { $group: { _id: null, avgAge: { $avg: '$age' } } }
3 ])
```

Currently connected to cs628sneha.0hv5oq1.mongodb.net. Click here to change connection.

Playground Result

```
1 {
2   "_id": null,
3   "avgAge": 28
4 }
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS Tasks

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- cs628sneha.0hv5oq1.mongodb.net

PLAYGROUNDS:

- /workspaces/cs628-summer-hos07-sneha...
- hos07.mongodb.js

Code Editor:

```
db.users.createIndex({ email: 1 })
```

Playground Result:

```
1 email_1
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

Tasks

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PLAYGROUNDS:

- /workspaces/cs628-summer-hos07-sneha...
- hos07.mongodb.js

Code Editor:

```
db.users.createIndex({ name: 'text', email: 'text' })
db.users.find({ $text: { $search: 'user1' } })
```

Playground Result:

```
1 {
2   "_id": {
3     "$oid": "64e28cf8c07a0a5957a2421f"
4   },
5   "name": "user1",
6   "age": 31,
7   "email": "user1@example.com"
8 }
9
10
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

Tasks

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- cs628sneha.0hv5oq1.mongodb.net

PLAYGROUNDS:

- /workspaces/cs628-summer-hos07-sneha...
- hos07.mongodb.js

Code Editor:

```
db.users.find().sort({ age: -1 })
```

Playground Result:

```
1 {
2   "_id": {
3     "$oid": "64e28cf8c07a0a5957a2421f"
4   },
5   "name": "user1",
6   "age": 31,
7   "email": "user1@example.com"
8 },
9 {
10  "_id": {
11    "$oid": "64e28cf8c07a0a5957a24221"
12  },
13  "name": "user3",
14  "age": 28,
15  "email": "user3@example.com"
16 },
17 {
18  "_id": {
19    "$oid": "64e28cf8c07a0a5957a24220"
20  },
21  "name": "user2",
22  "age": 25,
23  "email": "user2@example.com"
24 }
```

PROBLEMS 2 OUTPUT DEBUG CONSOLE TERMINAL PORTS COMMENTS

Tasks

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MONGODB

CONNECTIONS

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- cs628sneha.0hvs0q1.mongodb.net

PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
- hos07.mongodb.js

```
1 db.users.find().limit(2).skip(1)
2
3
```

Playground Result

```
1 {
2   "_id": {
3     "$oid": "64e28cf8c07a0a5957a24220"
4   },
5   "name": "user2",
6   "age": 25,
7   "email": "user2@example.com"
8 },
9 {
10  "_id": {
11    "$oid": "64e28cf8c07a0a5957a24221"
12  },
13  "name": "user3",
14  "age": 28,
15  "email": "user3@example.com"
16 }
17
18
```

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CONNECTIONS

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- cs628sneha.0hvs0q1.mongodb.net

PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
- hos07.mongodb.js

```
1 db.users.aggregate([
2   { $group: { _id: '$age', count: { $sum: 1 } } },
3   { $sort: { _id: 1 } }
4 ])
5
6
```

Playground Result

```
1 {
2   "_id": 25,
3   "count": 1
4 },
5 {
6   "_id": 28,
7   "count": 1
8 },
9 {
10  "_id": 31,
11  "count": 1
12 }
13
14
```

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MONGODB

CONNECTIONS

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- cs628sneha.0hvs0q1.mongodb.net

PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
- hos07.mongodb.js

```
1 db.users.aggregate([
2   { $group: { _id: null, maxAge: { $max: '$age' }, minAge: { $min: '$age' } } }
3 ])
4
5
6
```

Playground Result

```
1 {
2   "_id": null,
3   "maxAge": 31,
4   "minAge": 25
5 }
6
7
```

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MONGODB

CONNECTIONS

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- cs628sneha.0hvs0q1.mongodb.net

PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
- hos07.mongodb.js

```
1 db.places.insertMany([
2   { name: 'Park A', location: { type: 'Point', coordinates: [0, 0] } },
3   { name: 'Park B', location: { type: 'Point', coordinates: [0, 0] } },
4   { name: 'Cafe C', location: { type: 'Point', coordinates: [0, 0] } }
5 ])
6 db.places.createIndex({ location: '2dsphere' })
7 db.places.find({
8   location: {
9     $nearSphere: {
10      $geometry: {
11        type: 'Point',
12        coordinates: [0, 0]
13      },
14      $maxDistance: 2000 // meters
15    }
16 } })
17
18
19
```

Playground Result

```
1 {
2   "_id": {
3     "$oid": "64e28ff3b9cc63475d43fada"
4   },
5   "name": "Park A",
6   "location": {
7     "type": "Point",
8     "coordinates": [
9       0,
10      0
11    ]
12 }
13 }
14
15
```

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MONGODB

CONNECTIONS

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- cs628sneha.0hv5oq1.mongodb.net

PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
 - hos07.mongodb.js

```
1 db.users.find({ /workspaces/cs628-summer-hos07-snehakatragadda/playground-3.mon
2
3 db.users.find({
4   $or: [
5     { name: { $regex: 'u', $options: 'i' } },
6     { name: { $regex: 'c', $options: 'i' } }
7   ]
8 })
```

Playground Result

```
1 {
2   "_id": {
3     "$oid": "64e28cf8c07a0a5957a2421f"
4   },
5   "name": "user1",
6   "age": 31,
7   "email": "user1@example.com"
8 },
9
10 {
11   "_id": {
12     "$oid": "64e28cf8c07a0a5957a24220"
13   },
14   "name": "user2",
15   "age": 25,
16   "email": "user2@example.com"
17 },
18
19 {
20   "_id": {
21     "$oid": "64e28cf8c07a0a5957a24221"
```

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MONGODB

CONNECTIONS

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PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
 - hos07.mongodb.js

```
1 db.users.aggregate([ /workspaces/cs628-summer-hos07-snehakatragadda/playground
2
3 db.users.aggregate([
4   $group: { _id: null, totalAge: { $sum: '$age' } }
5 ])
```

Playground Result

```
1 {
2   "_id": null,
3   "totalAge": 84
4 }
5
6 ]
```

User: atlasauth.b2clogin.com - atlasauth.b2clogin.com

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MONGODB

CONNECTIONS

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PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
 - hos07.mongodb.js

```
1 db.users.drop() /workspaces/cs628-summer-hos07-snehakatragadda/playground-3.mo
2
3 db.users.drop()
```

Playground Result

```
1 true
```

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PLAYGROUNDS

- /workspaces/cs628-summer-hos07-sneha...
 - hos07.mongodb.js

```
1 show collections /workspaces/cs628-summer-hos07-snehakatragadda/playground-3.m
2
3 show collections
```

Playground Result

```
1 {
2   "name": "places",
3   "badge": ""
4 }
5
6 ]
```