

mongosh Guide

mongosh: MongoDB Connection

1. Sign-in to your MongoDB Atlas account.
2. In the left-hand menu pane, choose “Database.”
3. Select the “Connect” button.
4. Choose the “Connect with the MongoDB Shell.”
5. Under option 3, copy the connection string.
6. Open a new terminal window and paste in the copied string.
7. Replace the value “myFirstDatabase” with the database you are wanting to connect to. In our case, we are connecting to the web335DB database.
8. Replace the value <username> with the username of the user we created. In our case, we created a user named web335_user.
9. Once you press enter the program will prompt you to enter the password associated with the custom user we created. In this example, I created the user with a password of s3cret.
10. To exit the mongosh program you can either enter Ctrl+c or .exit

mongosh: Loading a db script

Resource: <https://www.mongodb.com/docs/mongodb-shell/write-scripts/>

Special note. Before you load the users.js script make sure you have created a collection named users.

1. Save the script to a location of your choosing (note: keep track of where you saved the file, because in the next step you will need to use the CD command from the CLI to access the file’s location).
2. Navigate to the file’s location using the CD CLI command.
3. Sign-in to mongosh using the connection string from MongoDB Atlas (note: this is the connection you have been using to access your MongoDB database from mongosh).
4. Assuming you are in the current directory where the script was saved, you call the load() function.

```
Atlas Cluster0-shard-0 [primary] web335DB> load("users.js")
true
Atlas Cluster0-shard-0 [primary] web335DB>
```

- a. find() query to validate the documents were added to the users collection.

```
Atlas Cluster0-shard-0 [primary] web335DB> db.users.find()
[
  {
    _id: ObjectId("62b5f63965d737ba9a792f5b"),
    firstName: 'Johann',
    lastName: 'Bach',
    employeeId: '1007',
    email: 'jbach@me.com',
    dateCreated: ISODate("2022-06-24T17:36:57.841Z")
  },
  {
    _id: ObjectId("62b5f63965d737ba9a792f5c"),
    firstName: 'Ludwig',
    lastName: 'Beethoven',
    employeeId: '1008',
    email: 'lbeethoven@me.com',
    dateCreated: ISODate("2022-06-24T17:36:57.841Z")
  },
  {
    _id: ObjectId("62b5f63965d737ba9a792f5d"),
    firstName: 'Wolfgang',
    lastName: 'Mozart',
    employeeId: '1009',
    email: 'wmozart@me.com',
    dateCreated: ISODate("2022-06-24T17:36:57.841Z")
  },
  {
    _id: ObjectId("62b5f63965d737ba9a792f5e"),
    firstName: 'Johannes',
    lastName: 'Brahms',
    employeeId: '1010',
    email: 'jbrahms@me.com',
    dateCreated: ISODate("2022-06-24T17:36:57.841Z")
  },
  {
    _id: ObjectId("62b5f63965d737ba9a792f5f"),
    firstName: 'Richard',
    lastName: 'Wagner',
    employeeId: '1011',
    email: 'rwagner@me.com',
    dateCreated: ISODate("2022-06-24T17:36:57.841Z")
  },
  {
    _id: ObjectId("62b5f63a65d737ba9a792f60"),
    firstName: 'Claude',
    lastName: 'Debussy',
    employeeId: '1012',
    email: 'cdebussy@me.com',
    dateCreated: ISODate("2022-06-24T17:36:57.841Z")
  }
]
```

Special note. To view a list of collections added to your MongoDB database you can use the “show collections” command from mongosh.