

```
mongosh mongodb+srv://<...>
Please enter a MongoDB connection string (Default: mongodb://localhost/): mongodb+srv://saraguro:saraguro@cluster0.5nyjils.mongodb.net/?retryWrites=true&w=m
Please enter a MongoDB connection string (Default: mongodb://localhost/): mongodb+srv://saraguro:saraguro@cluster0.5nyjils.mongodb.net/?retryWrites=true&w=m
Current Mongosh Log ID: 6684dea96513346297cc8987
Connecting to:
Using MongoDB:
Using Mongosh:

For mongosh info see: https://docs.mongodb.com/mongosh-shell/

Atlas atlas-jlkj0e-shard-0 [primary] test> use oop
switched to db oop
Please enter a MongoDB connection string (Default: mongodb://localhost/): atlas-jlkj0e-shard-0 [primary] oop> db.book.insertOne({title:"The Little Prince", author: "Antoine de Saint-Exupéry", year: 1943, genre: "Fiction, Children's literature"})
{
  acknowledged: true,
  insertedId: ObjectId('6684e1b36513346297cc8988')
}
Atlas atlas-jlkj0e-shard-0 [primary] oop> show collections
book
Atlas atlas-jlkj0e-shard-0 [primary] oop> |
```

MongoDB Compass - cluster0.5nyjils.mongodb.net/oop.book

Connect Edit View Collection Help

cluster0.5nyjils....

Documents 1 Aggregations Schema Indexes 1 Validation

Type a query: { field: 'value' } or Gen Explain Reset Find Options

ADD DATA EXPORT DATA

1 - 1 of 1

```
{
  "_id": ObjectId('6684e1b36513346297cc8988'),
  "title": "The Little Prince",
  "author": "Antoine de Saint-Exupéry",
  "year": 1943,
  "genre": "Fiction, Children's literature"
}
```

JavaNetBeans

File Edit View Navigate Source Refactor Run Debug Profile Team Tools Window Help

BookMongoDB - Apache NetBeans IDE 21

253.1/344.0

Projects X

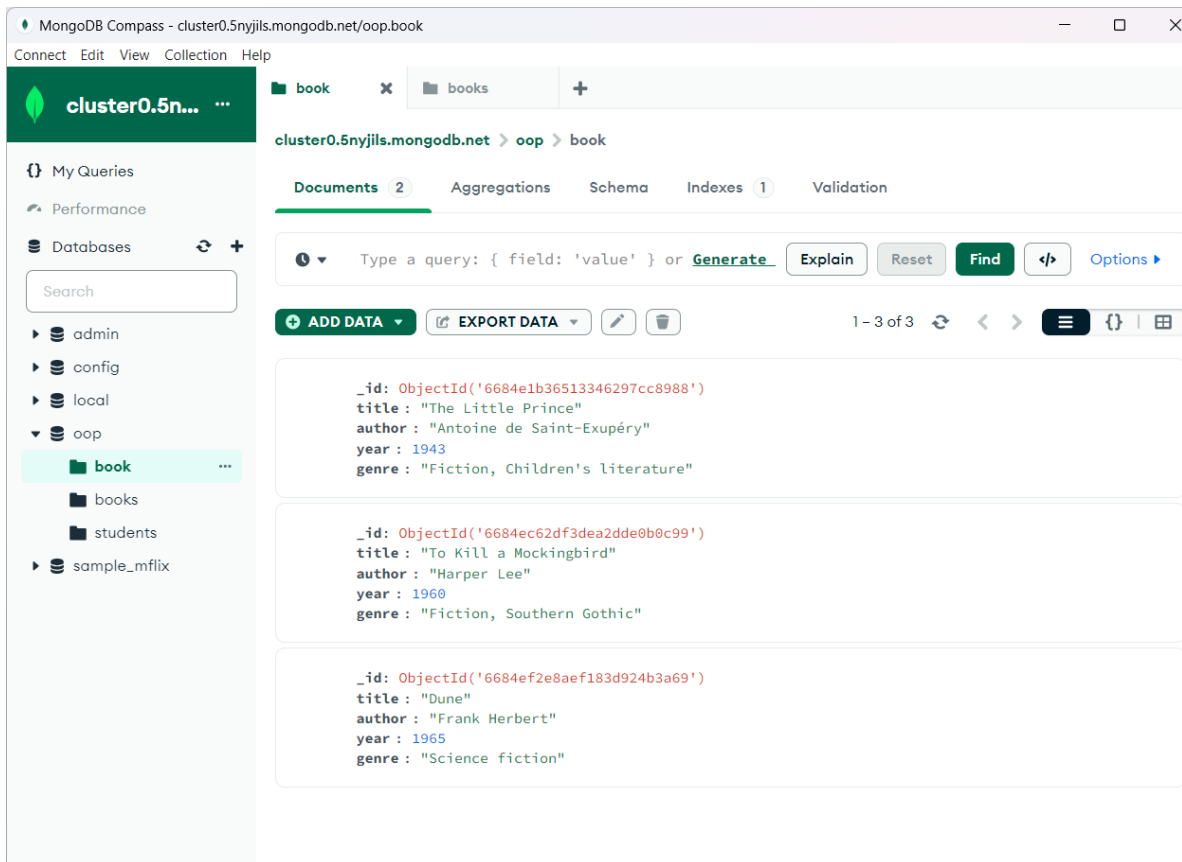
- BookMongoDB
 - Source Packages
 - ec.edu.espe.bookmongodb.controller
 - ec.edu.espe.bookmongodb.model
 - ec.edu.espe.bookmongodb.view
 - LibrarySystem.java
 - Test Packages
 - Test Packages
 - Libraries
 - mongo-java-driver-3.12.8.jar
 - JDK 22 (Default)
 - Test Libraries
 - BookSaraguro
 - ChickenFarmerSimulator
 - Collections
 - ComputerShop
 - EDICOMPUCyberManagementsystem
 - EDICOMPUCyberManagementsystem [LeidyS]
 - FromClassesToCode
 - SDCardExamP1
 - TaxCalculator
 - Taxes

Output - BookMongoDB (run) X

```
run:
Jul 03, 2024 1:25:41 A.M. com.mongodb.diag
INFO: Cluster created with settings {hosts=
Connecting to MongoDB Atlas cluster...
Enter book details:
Title: Jul 03, 2024 1:25:41 A.M. com.mongodb
INFO: Adding discovered server ac-n46lbf1-a
Jul 03, 2024 1:25:41 A.M. com.mongodb.diag
INFO: Adding discovered server ac-n46lbf1-a
Jul 03, 2024 1:25:41 A.M. com.mongodb.diag
INFO: Adding discovered server ac-n46lbf1-a
Jul 03, 2024 1:25:43 A.M. com.mongodb.diag
INFO: Opened connection [connectionId]local
Jul 03, 2024 1:25:43 A.M. com.mongodb.diag
INFO: Monitor thread successfully connected
Jul 03, 2024 1:25:43 A.M. com.mongodb.diag
INFO: Monitor thread successfully connected
Jul 03, 2024 1:25:43 A.M. com.mongodb.diag
INFO: Monitor thread successfully connected
Jul 03, 2024 1:25:43 A.M. com.mongodb.diag
INFO: Setting max election id to 7fffffff00
Jul 03, 2024 1:25:43 A.M. com.mongodb.diag
INFO: Setting max set version to 9 from rep
Jul 03, 2024 1:25:43 A.M. com.mongodb.diag
INFO: Discovered replica set primary ac-n46
Dune
Author: Frank Herbert
Year: 1965
Genre: Science fiction
Jul 03, 2024 1:26:56 A.M. com.mongodb.diag
INFO: Opened connection [connectionId]local
Book saved successfully to MongoDB.
BUILD SUCCESSFUL (total time: 1 minute 16 s
```

DatabaseConnection.java X

```
1 package ec.edu.espe.bookmongodb.model;
2
3
4 import com.mongodb.client.MongoClient;
5 import com.mongodb.client.MongoClients;
6 import com.mongodb.client.MongoDatabase;
7
8 /**
9  *
10  * @author Leidy Saraguro,Paradigm Pioneers Squad, DCCO-ESPE
11  */
12
13 public class DatabaseConnection {
14
15     private static MongoClient mongoClient;
16     private static MongoDatabase database;
17
18     public static MongoDatabase getConnection() {
19         if (mongoClient == null) {
20             String connectionString = "mongodb+srv://saraguro:saraguro@cluster0.5nyjils.mongodb.net/?retryWrites=true&w=m";
21             mongoClient = MongoClients.create(connectionString);
22             database = mongoClient.getDatabase("oop");
23         }
24         return database;
25     }
26
27 }
```



JavaScript

