

HW12 – MONGO SHELL

DATE: 23th december 2021

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Abrir el PowerShell

Copiar la cadena de enlace, agregando **sh** a la palabra mongo

Cambiar **MyFisrtDataBase** por el nombre de la Base de Datos a conectar

Copiar la siguiente dirección en el PowerShell:

mongo**sh** "mongodb+srv://cluster00p.09ypc.mongodb.net/**ToyStore**" --username mealvarez

```
mongosh mongodb+srv://cluster00p.09ypc.mongodb.net/ToyStore
Windows PowerShell
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Prueba la nueva tecnología PowerShell multiplataforma https://aka.ms/pscore6

PS C:\Users\personal> mongosh "mongodb+srv://cluster00p.09ypc.mongodb.net/ToyStore" --username mealvarez
Enter password: *****
Current Mongosh Log ID: 61d120fee01a889494aa19e1
Connecting to:      mongodb+srv://cluster00p.09ypc.mongodb.net/ToyStore
Using MongoDB:      4.4.10
Using Mongosh:      1.1.7

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

Atlas atlas-fnuk41-shard-0 [primary] ToyStore>
```

Para insertar un elemento, Colocar el nombre de la colección donde se desea agregar el dato:

db.**Toys**.insertOne({Id: 04, Description: 'Truck'});

```
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PS C:\Users\personal> mongosh "mongodb+srv://cluster00p.09ypc.mongodb.net/ToyStore" --username mealvarez
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Atlas atlas-fnuk41-shard-0 [primary] ToyStore> db.Toys.insertOne({Id: 04, Description: 'Truck'});
{
  acknowledged: true,
  insertedId: ObjectId("61d12230b225c2817f175b61")
}
Atlas atlas-fnuk41-shard-0 [primary] ToyStore> db.Toys.insertOne({Id: 04, Description: 'Truck'});
{
  acknowledged: true,
  insertedId: ObjectId("61d1231fb225c2817f175b62")
}
Atlas atlas-fnuk41-shard-0 [primary] ToyStore>
```

Dato ingresado mediante MongoShell, visualizado en MongoAtlas:

Project 0

Atlas

DEPLOYMENT

Databases

SmartHome

ToyStore

Toys

ToyStore.Toys

COLLECTION SIZE: 20MB TOTAL DOCUMENTS: 4 INDEXES TOTAL SIZE: 76KB

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

INSERT DOCUMENT

FIELD { field: 'value' }

OPTIONS Apply Reset

QUERY RESULTS 1-4 OF 4

_id: ObjectId("61d11c28c66394c0801efbd5") Id: 1 Description: "Ball"
_id: ObjectId("61d11c28c66394c0801efbd6") Id: 2 Description: "Ball"
_id: ObjectId("61d11d21c66394c0801efbd7") Id: 3 Description: "Car"
_id: ObjectId("61d1231fb225c2817f175b62") Id: 4 Description: "Truck"

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Atlas

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QUERY RESULTS 1-4 OF 4

_id: ObjectId("61d11c28c66394c0801efbd5") Id: 1 Description: "Ball"
_id: ObjectId("61d11d21c66394c0801efbd7") Id: 3 Description: "Car"
_id: ObjectId("61d1231fb225c2817f175b62") Id: 4 Description: "Truck"

System Status: All Good

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Para buscar todos datos los que estén en una Colección:

```
db.Toys.find();
```

```
mongosh mongodb+srv://cluster009ypc.mongodb.net/ToyStore
Atlas atlas-fnuk41-shard-0 [primary] ToyStore> db.Toys.insertOne({Id: 04, Description: 'Truck'});
{
  acknowledged: true,
  insertedId: ObjectId("61d1231fb225c2817f175b62")
}
Atlas atlas-fnuk41-shard-0 [primary] ToyStore> db.Toys.find();
[
  {
    _id: ObjectId("61d11c28c66194cd0b1efbd5"),
    Id: 1,
    Description: 'Ball'
  },
  {
    _id: ObjectId("61d11cd3c66194cd0b1efbd6"),
    Id: 2,
    Description: 'Doll'
  },
  {
    _id: ObjectId("61d11d21c66194cd0b1efbd7"),
    Id: 3,
    Description: 'Car'
  },
  {
    _id: ObjectId("61d1231fb225c2817f175b62"),
    Id: 4,
    Description: 'Truck'
  }
]
Atlas atlas-fnuk41-shard-0 [primary] ToyStore>
```

Para buscar un dato específico dentro de una Colección:

```
db.Toys.find({Description: 'Car'});
```

```
mongosh mongodb+srv://cluster009ypc.mongodb.net/ToyStore
Atlas atlas-fnuk41-shard-0 [primary] ToyStore> db.Toys.find({Description: 'Car'});
[
  {
    _id: ObjectId("61d11d21c66194cd0b1efbd7"),
    Id: 3,
    Description: 'Car'
  }
]
```