mongo   Documentation

Introduction to MongoDB > Getting Started

Getting Started

The following page provides various examples for querying in the MongoDB shell. For examples using MongoDB drivers, refer to the links in the Additional Examples section.

Examples

```
MongoDB Web Shell

Click to connect
```

Full

Reset

Clear

Click inside the shell to connect. Once connected, you can run the examples in the shell above.

0. Switch Database	1. Populate a collection (Insert)	2. Select All Documents	3. Specify Equality Matches	4. Specify Fields to Return (Projection)

MongoDB stores documents in collections. Collections are analogous to tables in relational databases. If a collection does not exist, MongoDB creates the collection when you first store data for that collection.

The following example uses the `db.collection.insertMany()` method to insert new documents into the `inventory` collection. You can copy and paste the example into the shell above.

```
db.inv                Documentation
mongo   Documentation
    { i

    { item: "notebook", qty: 50, status: "A", size: { h: 8.5, w: 11, uom: "in" }, tags:
    { item: "paper", qty: 10, status: "D", size: { h: 8.5, w: 11, uom: "in" }, tags: [
    { item: "planner", qty: 0, status: "D", size: { h: 22.85, w: 30, uom: "cm" }, tags:
    { item: "postcard", qty: 45, status: "A", size: { h: 10, w: 15.25, uom: "cm" }, tag
]);


// MongoDB adds an _id field with an ObjectId value if the field is not present in the
```

The operation returns a document that contains the acknowledgement indicator and an array that contains the `_id` of each successfully inserted documents.

To verify the insert, you can query the collection (See the next tab).

Next Steps

Set up Your Own Deployment

To set up your own deployment:

MongoDB Atlas Free Tier Cluster	MongoDB Atlas is a fast, easy, and free way to get started with MongoDB. To learn more, see the Getting Started with Atlas ↗ tutorial.
Local MongoDB installation	For more information on installing MongoDB locally, see Install MongoDB.

Additional Examples

For additional examples, including MongoDB driver specific examples (Python, Java, Node.js, etc.), see:

Query docur   Documentation

- Query on Embedded/Nested Documents
- Query an Array
- Query an Array of Embedded Documents
- Project Fields to Return from Query
- Query for Null or Missing Fields

Update document examples	• Update Documents
Delete document examples	• Delete Documents

Additional Topics

Introduction	Developers	Administrators	Reference
Introduction to MongoDB	CRUD Operations	Production Notes	Shell Methods
Installation Guides	Aggregation	Replica Sets	Query Operators
Databases and Collections	SQL to MongoDB	Sharded Clusters	Reference
Documents	Indexes	MongoDB Security	Glossary