

Quick Reference

This page shows the driver syntax for several MongoDB commands and links to their related reference and API documentation.

Command	Syntax
Find a Document API Documentation Usage Example Fundamentals	<pre>coll.find(Filters.eq("title", "Hamlet")).first();</pre> HIDE OUTPUT <pre>{ title: 'Hamlet', type: 'movie', ... }</pre>
Find Multiple Documents API Documentation Usage Example Fundamentals	<pre>coll.find(Filters.eq("year", 2005))</pre> VIEW OUTPUT
Insert a Document API Documentation Usage Example Fundamentals	<pre>coll.insertOne(new Document("title", "Jackie Robinson"));</pre>
Insert Multiple Documents API Documentation Usage Example Fundamentals	<pre>coll.insertMany(Arrays.asList(new Document("title", "Dangal").append("rating", "Not new Document("title", "The Boss Baby").append("rating",</pre>
Update a Document API Documentation Usage Example Fundamentals	<pre>coll.updateOne(Filters.eq("title", "Amadeus"), Updates.set("imdb.rating", 9.5));</pre> VIEW OUTPUT
Update Multiple Documents API Documentation Usage Example Fundamentals	<pre>coll.updateMany(Filters.eq("year", 2001), Updates.inc("imdb.votes", 100));</pre> VIEW OUTPUT
Update an Array in a Document API Documentation Fundamentals	<pre>coll.updateOne(Filters.eq("title", "Cosmos"), Updates.push("genres", "Educational"));</pre> VIEW OUTPUT
Replace a Document API Documentation Usage Example Fundamentals	<pre>coll.replaceOne(Filters.and(Filters.eq("name", "Deli Llama"), Filters.eq('zip', new Document("name", "Lord of the Wings").append("zipcode",</pre> VIEW OUTPUT
Delete a Document API Documentation Usage Example Fundamentals	<pre>coll.deleteOne(Filters.eq("title", "Congo"));</pre>
Delete Multiple Documents API Documentation Usage Example Fundamentals	<pre>coll.deleteMany(Filters.regex("title", "^Shark.*"));</pre>
Bulk Write API Documentation Usage Example Fundamentals	<pre>coll.bulkWrite(Arrays.asList(new InsertOneModel<Document>(new Document().append("title", "A New Movie"), new DeleteManyModel<Document>(Filters.lt("year", 1970))));</pre>
Watch for Changes API Documentation Usage Example Fundamentals	<pre>coll.watch(Arrays.asList(Aggregates.match(Filters.gte("year", 2022))));</pre>
Access Data from a Cursor Iteratively API Documentation Fundamentals	<pre>MongoCursor<Document> cursor = coll.find().cursor(); while (cursor.hasNext()) { System.out.println(cursor.next().toJson()); }</pre> VIEW OUTPUT
Access Results from a Query as an Array API Documentation	<pre>List<Document> resultList = new ArrayList<Document>(); coll.find().into(resultList);</pre> VIEW OUTPUT
Count Documents API Documentation Usage Example	<pre>coll.countDocuments(Filters.eq("year", 2000));</pre> VIEW OUTPUT
List the Distinct Documents or Field Values API Documentation Usage Example	<pre>coll.distinct("year", Integer.class);</pre> VIEW OUTPUT
Limit the Number of Documents Retrieved API Documentation Fundamentals	<pre>coll.find().limit(2);</pre> VIEW OUTPUT
Skip Retrieved Documents API Documentation Fundamentals	<pre>coll.find(Filters.regex("title", "^Rocky")).skip(2);</pre> VIEW OUTPUT
Sort the Documents When Retrieving Them API Documentation Fundamentals	<pre>coll.find().sort(Sorts.ascending("year"));</pre> VIEW OUTPUT
Project Document Fields When Retrieving Them API Documentation Usage Example Fundamentals	<pre>coll.find().projection(Projections.fields(Projections.excludeId(), Projections.include("year", "imdb")));</pre> VIEW OUTPUT
Create an Index API Documentation Fundamentals	<pre>coll.createIndex(Indexes.compoundIndex(Indexes.ascending("title"), Indexes.descending("year")));</pre>
Search Text API Documentation Fundamentals	<pre>// only searches fields with text indexes coll.find(Filters.text("zissou"));</pre> VIEW OUTPUT
Install the Driver Dependency with Maven	<pre>pom.xml <dependencies> <dependency> <groupId>org.mongodb</groupId> <artifactId>mongodb-driver-sync</artifactId> <version>5.1.0</version> </dependency> </dependencies></pre>
Install the Driver Dependency with Gradle	<pre>build.gradle dependencies { implementation 'org.mongodb:mongodb-driver-sync:5.1.0' }</pre>