

# How can I remove a field from every document in MongoDB?

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## RECOMMENDED CITATION

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MongoDB is a popular NoSQL database management system that stores data in a document-oriented format. In order to remove a field from every document in MongoDB, one can use the `update()` method with the `$unset` operator. This operator allows for the removal of a specific field from all documents within a collection. By specifying the field name and value as parameters, the update operation will remove the field from each document, effectively removing it from the entire collection. This method provides a quick and efficient way to remove unwanted fields from every document in MongoDB.

## MongoDB: Remove a Field from Every Document

You can use the following methods to remove fields from every document in a collection in MongoDB:

### Method 1: Remove One Field

```
db.collection.updateMany({}, {$unset: {"field1":1}})
```

### Method 2: Remove Multiple Fields

```
db.collection.updateMany({}, {$unset: {"field1":1, "field2":1}})
```

The following examples show how to use each method with a collection teams with the following documents:

```
db.teams.insertOne({team: "Mavs", position: "Guard",  
points: 31})db.teams.insertOne({team: "Spurs",  
position: "Guard", points:
```

```
22})db.teams.insertOne({team: "Rockets", position: "Center", points: 19})
```

#### Example 1: Remove One Field

We can use the following code to remove the "points" field from every document in our collection:

```
db.teams.updateMany({}, {$unset: {"points":1}})
```

We can then use the following query to view each document in our collection:

```
db.teams.find()
```

This query returns the following results:

```
{ _id: ObjectId("61893b7196cd2ba58ce928f4"),  
team: 'Mavs',  
position: 'Guard' }
```

```
{ _id: ObjectId("61893b7196cd2ba58ce928f5"),  
team: 'Spurs',  
position: 'Guard' }
```

```
{ _id: ObjectId("61893b7196cd2ba58ce928f6"),
```

```
team: 'Rockets',  
position: 'Center' }
```

Notice that the "points" field has been removed from every document.

#### Example 2: Remove Multiple Fields

We can use the following code to remove the "points" and "position" field from every document in our collection:

```
db.teams.updateMany({}, { $unset: { "points": 1, "position": 1 } })
```

We can then use the following query to view each document in our collection:

```
db.teams.find()
```

This query returns the following results:

```
{ _id: ObjectId("61893bf896cd2ba58ce928f7"), team: 'Mavs' }  
{ _id: ObjectId("61893bf896cd2ba58ce928f8"), team:
```

```
'Spurs' }  
{ _id: ObjectId("61893bf896cd2ba58ce928f9"), team:  
'Rockets' }
```

Notice that the "points" and "position" fields have been removed from every document.

**Note:** You can find the complete documentation for `$unset` .

#### Additional Resources

The following tutorials explain how to perform other common operations in MongoDB: