

MongoDB

Scope: Indexing
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Index

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What is an “index”?

- ▶ An **index** is a structure maintained by a persistent class that Caché can use to optimize queries and other operations.
- ▶ An index is a pointer to a location of data.
- ▶ The purpose of an index is to make queries run faster.

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Create an index

- ▶ `db.books.createIndex([title:1])`
- ▶

4

Create a unique index

```
▶ db.books.createIndex( {isbn:1},{unique:true} )  
▶
```

5

Create a index on multiple fields (compound index)

```
▶ db.books.createIndex([title:1, author:-1])  
▶
```

6

Show all indexes in a collection

```
▶ db.books.getIndexes()  
▶
```

7

Drop an index

```
▶ db.books.dropIndex([author:-1])  
▶
```

8

Show index statistics

- ▶ `db.books.stats()`
- ▶

9

For more info:

- ▶ Todo

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