

# Text Search in MongoDB

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Starting with version 2.4, MongoDB started supporting Text Indexes to search within the string content. Text Search uses Stemming technique to search for specific words in string fields by deleting Stemming Word such as a, an, the, . Currently, MongoDB supports about 15 languages.

## Enable Text Search in MongoDB

At first, Text Search was an experimental feature, but starting with version 2.6, the configuration is enabled by default. But if you are using a previous version of MongoDB, you need to activate Text Search with the following code:

```
> db . adminCommand ( { setParameter : true , textSearchEnabled : true } )
```

## Create Text Index in MongoDB

You follow the following Document under the collection **posts** containing post\_text and its tags.

```
{ "post_text" : "enjoy the mongodb articles on tutorialspoint" , "tags" : [ "mor
```

We will create a Text Index on the post\_text field so that we can search within the text section of posts:

```
> db . posts . ensureIndex ( { post_text : "text" } )
```

## Use Text Index in MongoDB

Now that you have created the Text Index on the post\_text field, we will search all posts that are from tutorialspoint in their text:

```
> db . posts . find ( { $text : { $search : "tutorialspoint" } } )
```

The above command returns Documents with tutorialspoint in post\_text:

```
{
  "_id": ObjectId ("53493d14d852429c10000002"),
  "post_text": "enjoy the mongodb articles on tutorialspoint",
  "tags": [ "mongodb", "tutorialspoint" ]
}
```

```
"_id": ObjectId ("53493d1fd852429c10000003"),
"post_text": "writing tutorials on mongodb",
"tags": ["mongodb", "tutorial"]
}
```

If you are using an older version of MongoDB, you must use the following command:

```
> db . posts . runCommand ( "text" ,{ search : " tutorialspoint " })
```

The use of Text Search significantly improves search efficiency when compared to regular search.

## Delete Text Index in MongoDB

To delete an existing Text Index, first find the index's name using the query:

```
> db . posts . getIndexes ( )
```

After taking the name of the index from the above query, run the following command. Here, **post\_text\_text** is the name of the index.

```
> db . posts . dropIndex ( "post_text_text" )
```

### According to Tutorialspoint

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