

Text Search

MongoDB provides text indexes [↗](#) to support text search queries on string content. Text indexes can include any field whose value is a string or an array of string elements.

To perform a text search with the Ruby driver, first create a text index with `indexes.create_one()`. The following command creates a text index on the `name` field of the `restaurants` collection in the `test` database.

```
client = Mongo::Client.new([ '127.0.0.1:27017' ], :database => 'test')
client['restaurants'].indexes.create_one( { :name => 'text' } )
```

Once the text index is created you can use it as part of a query. The following code finds all documents in the `restaurants` collection which contain the word `garden`, without case sensitivity.

```
client = Mongo::Client.new([ '127.0.0.1:27017' ], :database => 'test')
client[:restaurants].find(
  { '$text' =>
    { '$search' => 'garden', '$caseSensitive' => false }
  }
).each do |document|

  #=> Yields a BSON::Document.

end
```

