CouchfaDB

Info: CouchDB uses a document store with data being presented in the JSON format. It offers a RESTful HTTP API for reading, adding, editing, and deleting database documents. Each document consists of fields and attachments. Fields can consist of numbers, text, booleans, lists, and more.

cURL can be used to query the database using HTTP:

curl -X GET http://127.0.0.1:5984/mybooks/_all_docs

In order to look this up, we first need an index. CouchDB uses a map result to store the index.

To find the value "Tolstoy," we need to retrieve the values in the key of a view. To do this, we use a map function:

function(doc) {

if(doc.author) {

emit(doc.author, null);

}

}

This map function will create a list of documents sorted by the author field.

To list all records that have the author "Tolstoy," we use the following query:

curl -X GET
http://127.0.0.1:5984/mybooks/_design/application/_view/author?key="Tolstoy"

https://blog.panoply.io/couchdb-vs-mongodb