

Project Fauxton - database/... x

127.0.0.1:5984/\_utils/#/database/land/\_all\_docs

Apps ★ Bookmarks MyBlackboard MyBanner W Wikipedia YouTube Gmail G2A - Global Digi... Steam Hardware... MediaFire: My Files Steam: Game an... File explorer han... XB Classic RP PS2 OPL 0.8 HDD... GameTronik - FB... Other bookmarks

land

Document ID Options {} JSON Create Document

Databases All Documents

Setup Run A Query with Mango

Active Tasks Permissions

Configuration Changes

Replication Design Documents

Documentation

Verify

Your Account

CouchDB

Fauxton on Apache CouchDB v 2.3.1

Log Out admin

id	key	value
ad2d04c80f273371b3dade27df001b7f	ad2d04c80f273371b3dade27df001b7f	{"rev": "1-62060d8f7e15bdf1779fdb293130964"}
ad2d04c80f273371b3dade27df0055f2	ad2d04c80f273371b3dade27df0055f2	{"rev": "1-2395e555f5c2804a6240fad101e5b26"}
ad2d04c80f273371b3dade27df0069d6	ad2d04c80f273371b3dade27df0069d6	{"rev": "1-880ebfe6f16956b82efb8991357de7cd"}
ad2d04c80f273371b3dade27df0076db	ad2d04c80f273371b3dade27df0076db	{"rev": "1-a212e76dc186d62e9e5df5413cf23c7e"}
ad2d04c80f273371b3dade27df007e67	ad2d04c80f273371b3dade27df007e67	{"rev": "1-62d4e240eb6a412a8265c4f5b873f02"}

Showing document 1 - 5. Documents per page: 20

Project Fauxton - database/... x

127.0.0.1:5984/\_utils/#/database/land/\_find

Apps ★ Bookmarks MyBlackboard MyBanner W Wikipedia YouTube Gmail G2A - Global Digi... Steam Hardware... MediaFire: My Files Steam: Game an... File explorer han... XB Classic RP PS2 OPL 0.8 HDD... GameTronik - FB... Other bookmarks

land > Mango Query

Query history

Mango Query

```
{
  "selector": {
    "area": {
      "$gt": 250000
    },
    "pop": {
      "$gt": 1600000
    }
  }
}
```

Run Query Explain manage indexes

Executed in 1 ms

CouchDB

Fauxton on Apache CouchDB v 2.3.1

Log Out admin

id	key	value
ad2d04c80f273371b3dade27df001b7f		{   "id": "ad2d04c80f273371b3dade27df001b7f",   "rev": "1-62060d8f7e15bdf1779fdb293130964",   "country": "NetherLands",   "area": 41526,   "pop": 16873209 }
ad2d04c80f273371b3dade27df0055f2		{   "id": "ad2d04c80f273371b3dade27df0055f2",   "rev": "1-2395e555f5c2804a6240fad101e5b26",   "country": "United Kingdom",   "area": 243618,   "pop": 62262089 }

Showing document 1 - 2. Documents per page: 20

Project Fauxton - database/... | 127.0.0.1:5984/\_utils/#database/land/\_design/getAll/\_view/getAll

Apps | Bookmarks | MyBlackboard | MyBlogger | Wikipedia | YouTube | Gmail | GZA - Global Dig... | Steam Hardware... | MediaFire: My Files | Steam: Game an... | file explorer han... | XB Classic RP | PS2 OPL 0.8 HDD... | GameTronik - FB... | Other bookmarks

Document ID | Options | {} JSON | Create Document

land

All Documents

Run A Query with Mango

Permissions

Changes

Design Documents

getAll

Metadata

Views

Table | Metadata | {} JSON

id "ad2d04c89d27371b3dade27df007e67"

```
{
  "id": "ad2d04c89d27371b3dade27df007e67",
  "key": "7361994",
  "value": {
    "Area": "41290",
    "Country": "Switzerland"
  }
}
```

id "ad2d04c89d27371b3dade27df001b7f"

```
{
  "id": "ad2d04c89d27371b3dade27df001b7f",
  "key": "16673200",
  "value": {
    "Area": "41526",
    "Country": "Netherlands"
  }
}
```

id "ad2d04c89d27371b3dade27df0076db"

```
{
  "id": "ad2d04c89d27371b3dade27df0076db",
  "key": "59715625",
  "value": {
    "Area": "381230",
    "Country": "Italy"
  }
}
```

id "ad2d04c89d27371b3dade27df00059d"

Showing document 1 - 10. Documents per page: 20

The screenshot shows a web browser window with the address bar displaying '127.0.0.1:5984/\_utils/#/database/land\_design/getAll/\_view/getAll'. The browser's top bar includes various icons and a clock showing 'Thursday January 23, 7:27:56 PM'. Below the browser window, a sidebar on the left contains navigation options like 'All Documents', 'Run A Query with Mango', 'Permissions', 'Changes', 'Design Documents', 'getAll', 'Metadata', and 'Views'. The main content area displays a table with two columns: 'key' and 'value'. The first row has 'key' 1 and a 'value' object containing a sum and count. The second row has 'key' 2 and a similar 'value' object. A 'Take Document(s)' dialog box is open in the center, showing a document with 'key': 1 and a 'value' object. A 'Create Document' button is located in the top right corner of the main content area. At the bottom of the screen, a taskbar shows various application icons including a browser, file explorer, and several utility tools.













Project Faukton - all\_dbs

127.0.0.1:5984/\_utils/#/\_all\_dbs

Database name

Create Database

{ } JSON

Name	Size	# of Docs	Actions
_replicator	3.8 KB	1	  
_users	3.8 KB	1	  
kaggle	3.3 KB	5	  
land	15.3 KB	8	  

Showing 1-4 of 4 databases. Databases per page: 20

Project Faukton - database/...

127.0.0.1:5984/\_utils/#/database/kaggle/\_all\_docs

Document ID

Options

{ } JSON

Create Document

All Documents

Run A Query with Mango

Permissions

Changes

Design Documents

key	value
446a77b86ad372146d07c3e4a0003deb	{ "rev": "2-7c5f55b93c59fc0fb00b5fa13d9f9aa" }
446a77b86ad372146d07c3e4a000682d	{ "rev": "2-3df319c91f261fb60bc6f9e32fa0b77d" }
446a77b86ad372146d07c3e4a00081a5	{ "rev": "2-e94919b1c728b3f359157d83d8c072c" }
446a77b86ad372146d07c3e4a0008e68	{ "rev": "2-e35f981cb495e66008d38b4a7ce8bc0f" }
446a77b86ad372146d07c3e4a0009cf2	{ "rev": "2-8778f44218f5d39f15a4a835f100457" }

Showing 2 of 3 columns. Show all columns.

Showing document 1 - 5. Documents per page: 20

Project Fauxton - database/... x + Thursday January 23, 8:00:44 PM

127.0.0.1:5984/\_utils/#/database/kaggle/\_find

kaggle > Mango Query

Query history

Mango Query

```
1 {
2   "selector": {
3     "age": {
4       "$gt": 60
5     },
6     "hypertension": 1
7   }
8 }
```

Run Query Explain manage indexes

Executed in 1 ms

Table {} JSON

Create Document

_id	age	alcoholism	diabetes	gender
446a77b86ad372146d07c3e4a00...	62	0	0	F

Showing 5 of 11 columns. Show all columns.

Showing document 1 - 1. Documents per page: 20

Project Fauxton - database/... x Lab1 - Google Drive x CIS 360 - Lab 1 - CouchDB 20 x + Wednesday January 29, 7:57:12 PM

127.0.0.1:5984/\_utils/#/database/kaggle/\_design/kaggle/\_view/kaggle/edit

kaggle

All Documents

Run A Query with Mango

Permissions

Changes

Design Documents

kaggle

Metadata

Views

kaggle

Edit View

Design Document

\_design/kaggle

Index name

kaggle

Map function

```
1 function (doc) {
2   if (doc.gender == "F") {
3     emit(1, doc.age.doc.numVisits)
4   }
5   if (doc.gender == "M") {
6     emit(2, doc.age.doc.numVisits)
7   }
8 }
```

Reduce (optional)

\_stats

Save Document and then Build Index Cancel

The screenshot shows a web browser window with multiple tabs. The active tab is 'Project Fawton - database/...', displaying a web application for managing a database. The left sidebar contains navigation options: 'All Documents', 'Run A Query with Mango', 'Permissions', 'Changes', 'Design Documents', 'kaggle' (selected), 'Metadata', and 'Views'. The main content area shows a table with two columns: 'key' and 'value'. The table contains two rows of data, each representing a document's statistics. A 'Create Document' button is visible in the top right corner. The bottom status bar indicates 'Showing document 1 - 2' and 'Documents per page: 20'.

key	value
1	{ "sum": 0.7368421052631579, "count": 1, "min": 0.7368421052631579, "max": 0.736842105263157...
2	{ "sum": 3.8749351926343074, "count": 4, "min": 0.5486725663716814, "max": 2, "sumsq": 5.18324...

This query shows the sum, min, and max of the average visit per year for group 1 (males) and group 2 (females).