

**UNIVERSIDAD GERARDO BARRIOS.**



**Facultad:** Ciencia y Tecnología.

**Carrera:** Ingeniería en Sistemas y Redes.

**Asignatura:** Programación Computacional II.

**Docente:** Inga. Gisela Espinoza

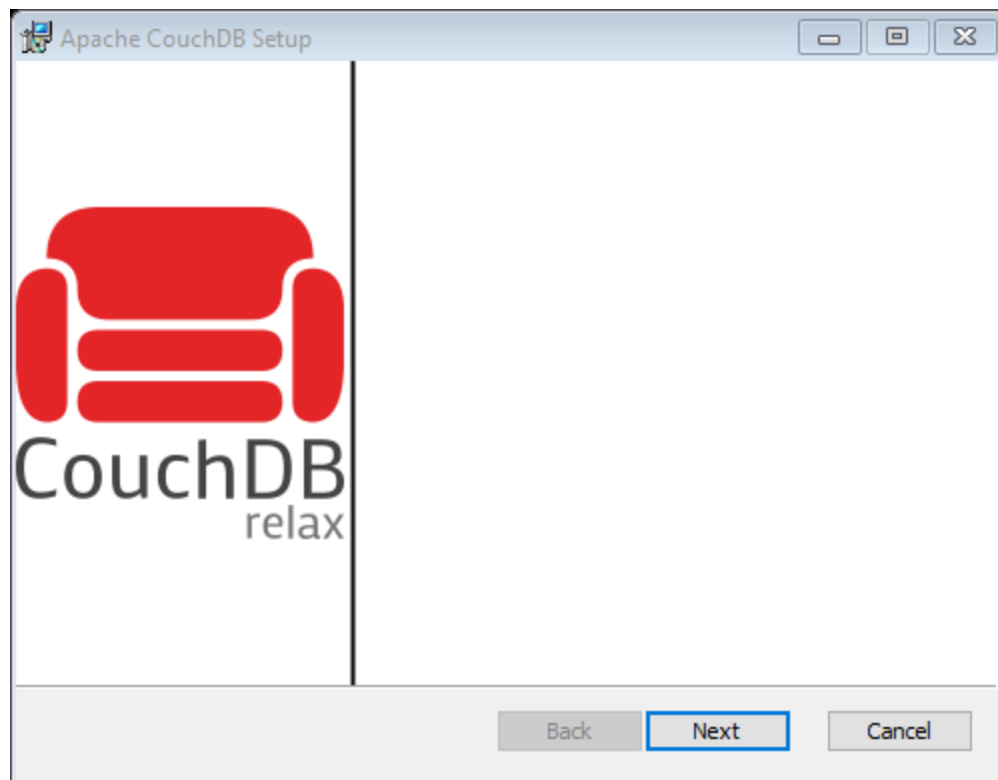
**Actividad:** Practica Semana 13. || Couch DB

**Estudiante:**


- Josué Amílcar López Benítez SMIS935820

**Fecha de entrega:**

Martes 13 / Abril / 2021



Apache CouchDB Setup



Install Apache CouchDB to:

C:\Program Files\Apache CouchDB\

Change...

☒ Install Apache CouchDB Windows Service

Back Next Cancel

Create Administrator Account

Account name (Example: admin):

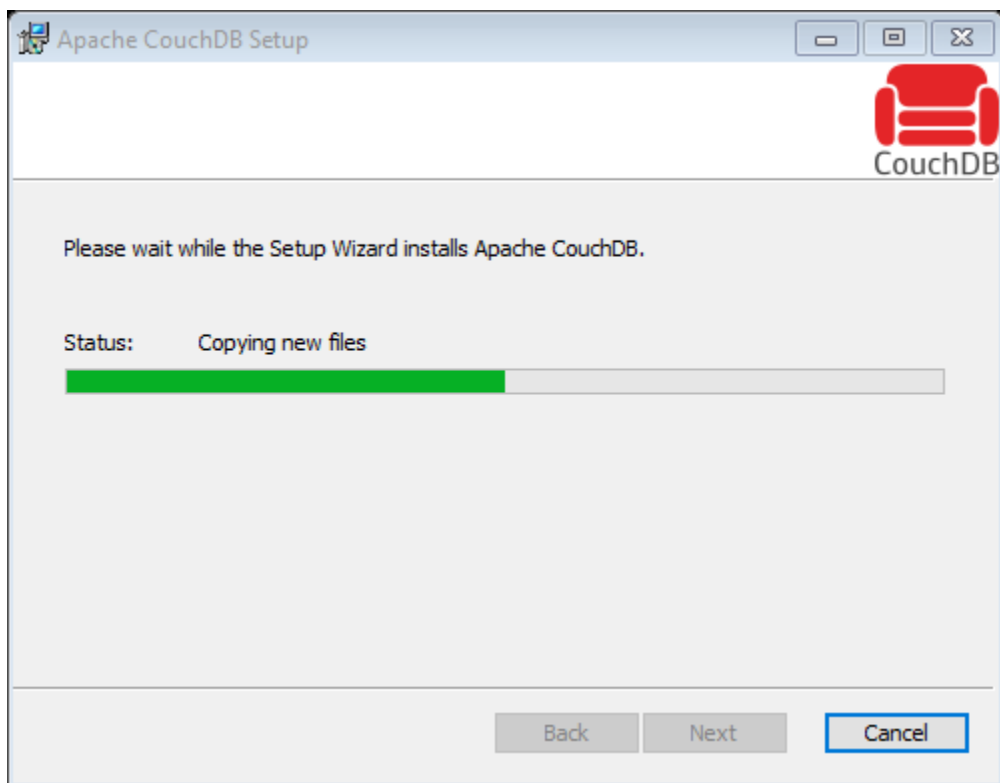
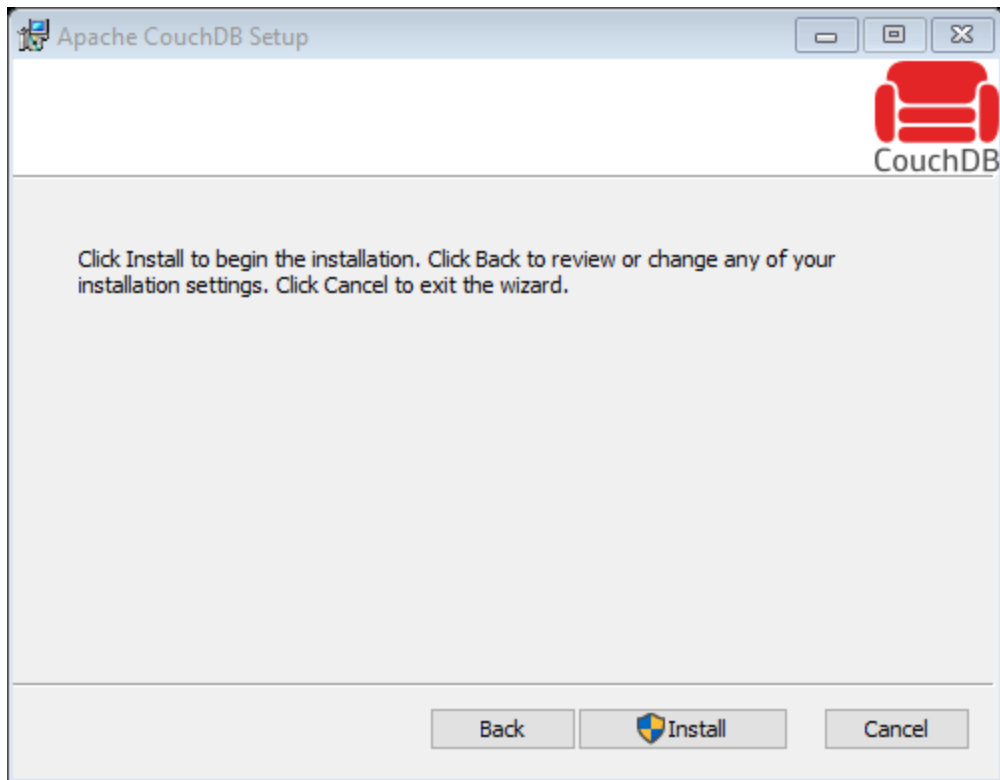
AmLopez23

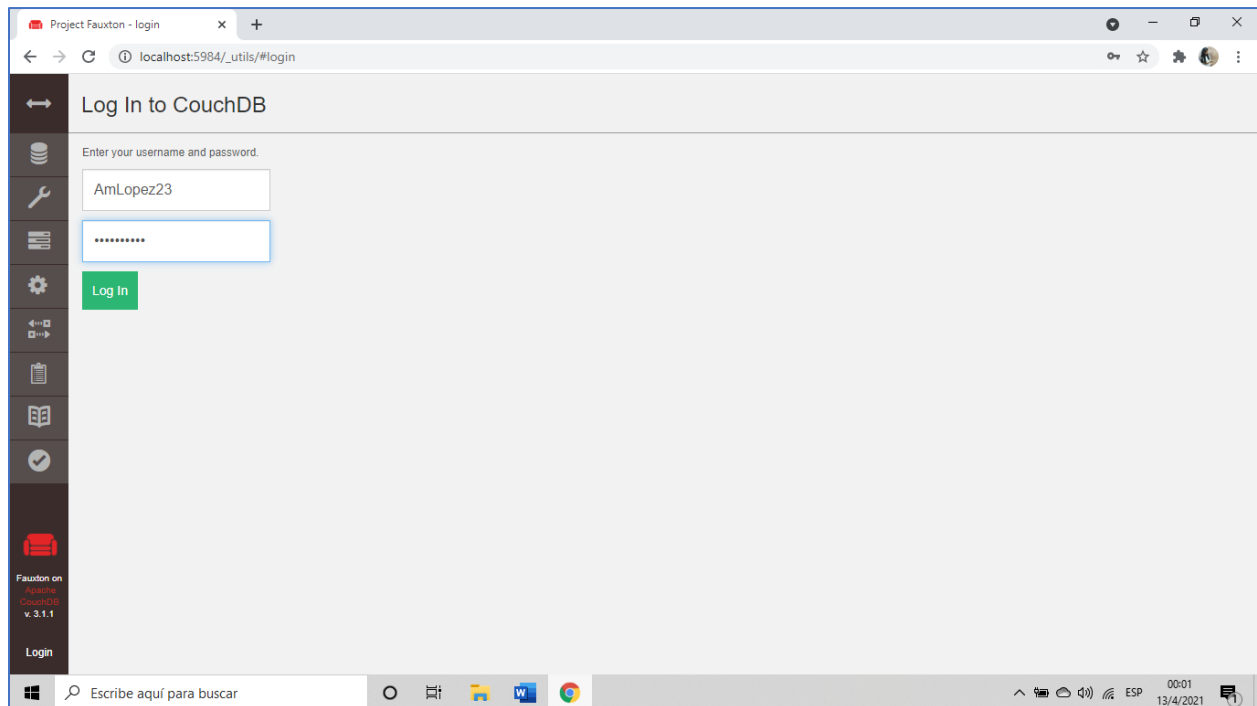
Password:

●●●●●●●●

Validate Credentials

Back Next Cancel





Project Fauxton - verifyinstall

localhost:5984/\_utils/#/verifyinstall

Verify CouchDB Installation

Verify Installation

Success! Your CouchDB installation is working. Time to Relax.

Test	Status
Create Database	✓
Create Document	✓
Update Document	✓
Delete Document	✓
Create View	✓
Replication	✓

Databases

Setup

Active Tasks

Configuration

Replication

News

Documentation

Verify

Your Account

CouchDB

Fauxton on Apache CouchDB v 3.1.1

Escribe aquí para buscar

00:01 13/4/2021

Martes 13 de abril, Hora: 7:00 a.m.

Cisco Webex Meetings - Meeting

Project Fauxton - \_all\_dbs

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

Databases

Database name

Create Database

{JSON}

Name	Size	# of Docs	Partitioned
------	------	-----------	-------------

Showing 1-0 of 0 databases

Create Database

Database name

dbghueba

Partitioning

☐ Partitioned ☒ Non-partitioned

> What is a Partitioned Database?

Cancel Create

Databases

Setup

Active Tasks

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News

Documentation

Verify

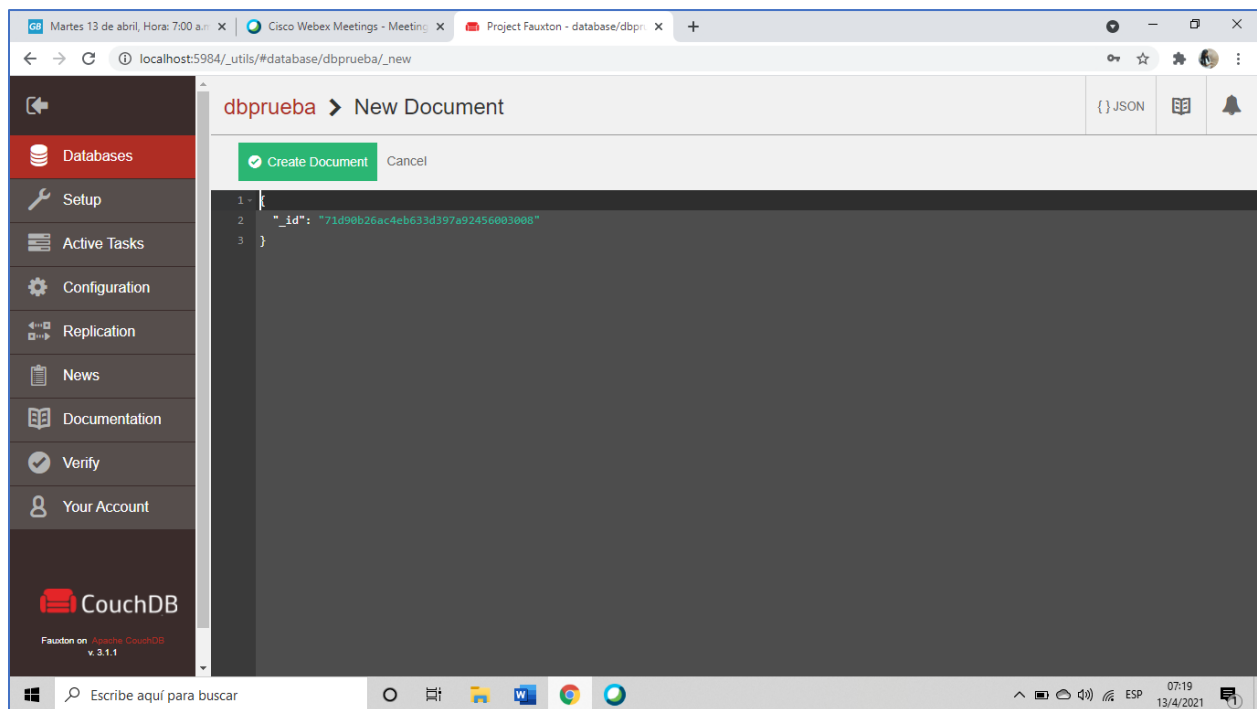
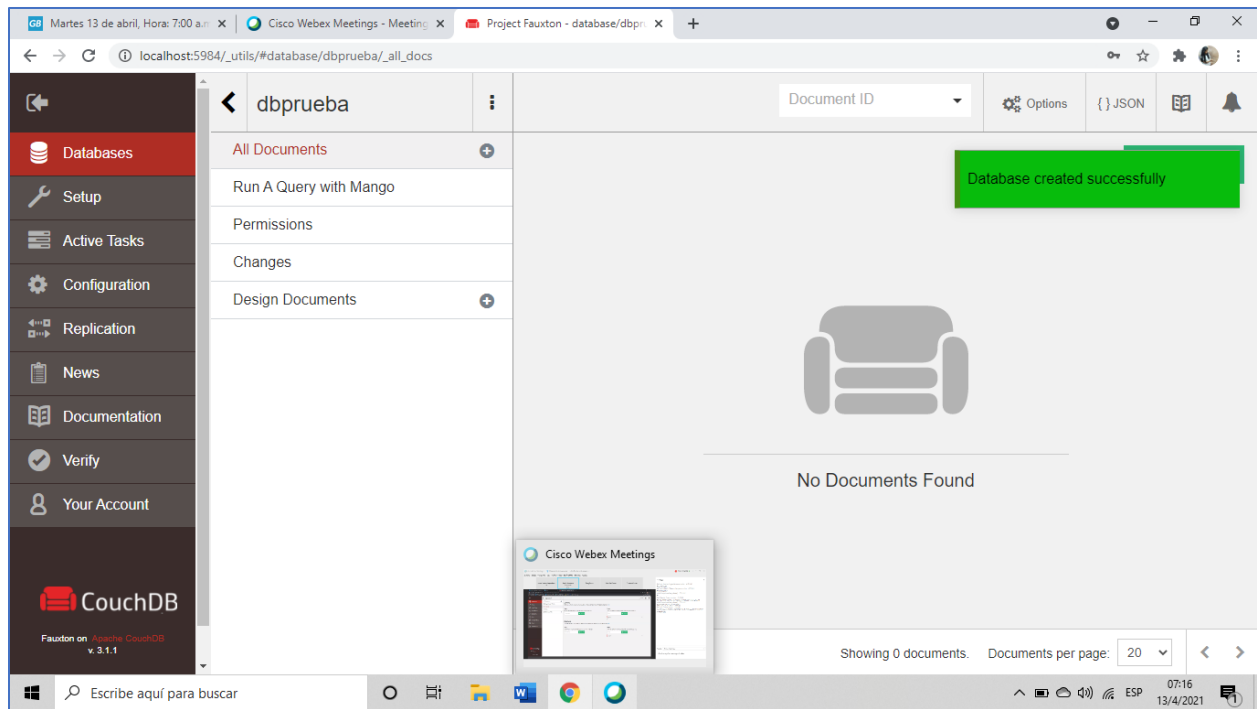
Your Account

CouchDB

Fauxton on Apache CouchDB v 3.1.1

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07:16 13/4/2021



Martes 13 de abril, Hora: 7:00 a.m. x Cisco Webex Meetings - Meeting x Project Fauxton - database/dbprueba x +

localhost:5984/\_utils/#database/dbprueba/\_all\_docs

dbprueba

Document ID

Options {} JSON

Create Document

All Documents

Run A Query with Mango

Permissions

Changes

Design Documents

Table Metadata JSON

id "71d90b26ac4eb633d397a92456003008"

```
{
  "id": "71d90b26ac4eb633d397a92456003008",
  "key": "71d90b26ac4eb633d397a92456003008",
  "value": {
    "rev": "1-5c19ea800419a03ff72dbbb7ab730feb"
  }
}
```

Showing document 1 - 1. Documents per page: 20

Escribe aquí para buscar

07:24 13/4/2021

Símbolo del sistema

```
Microsoft Windows [Versión 10.0.19042.867]
(c) 2019 Microsoft Corporation. Todos los derechos reservados.

C:\Users\user>curl
curl: try 'curl --help' for more information

C:\Users\user>curl help
curl: (6) Could not resolve host: help

C:\Users\user>curl --help
Usage: curl [options...] <url>
  --abstract-unix-socket <path> Connect via abstract Unix domain socket
  --anyauth             Pick any authentication method
  -a, --append          Append to target file when uploading
  --basic              Use HTTP Basic Authentication
  --cacert <CA certificate> CA certificate to verify peer against
  --capath <dir>       CA directory to verify peer against
  -E, --cert <certificate[:password]> Client certificate file and password
  --cert-status        Verify the status of the server certificate
  --cert-type <type>   Certificate file type (DER/PEM/ENG)
  --ciphers <list of ciphers> SSL ciphers to use
  --compressed         Request compressed response
  -K, --config <file>  Read config from a file
  --connect-timeout <seconds> Maximum time allowed for connection
  --connect-to <HOST1:PORT1:HOST2:PORT2> Connect to host
```



```
Símbolo del sistema

--tlsv1.2      Use TLSv1.2
--tlsv1.3      Use TLSv1.3
--tr-encoding  Request compressed transfer encoding
--trace <file> Write a debug trace to FILE
--trace-ascii <file> Like --trace, but without hex output
--trace-time   Add time stamps to trace/verbose output
--unix-socket <path> Connect through this Unix domain socket
-T, --upload-file <file> Transfer local FILE to destination
--url <url>    URL to work with
-B, --use-ascii Use ASCII/text transfer
-u, --user <user:password> Server user and password
-A, --user-agent <name> Send User-Agent <name> to server
-v, --verbose   Make the operation more talkative
-V, --version   Show version number and quit
-w, --write-out <format> Use output FORMAT after completion
--xattr        Store metadata in extended file attributes

C:\Users\user>curl http://localhost/5984

C:\Users\user>curl http://localhost:5984
{"couchdb":"Welcome","version":"3.1.1","git_sha":"ce596c65d","uuid":"f41d6d5be3f353696bbd9209a37920d3","features":["access-ready","partitioned","pluggable-storage-engines","reshard","scheduler"],"vendor":{"name":"The Apache Software Foundation"}}

C:\Users\user>
```

```
C:\Users\user>curl -X PUT http://AmLopez2341:Am1lcar2341@localhost:5984/dbpeliculas
{"error":"unauthorized","reason":"Name or password is incorrect."}







C:\Users\user>curl -X PUT http://AmLopez23:Am1lcar2341@localhost:5984/dbpeliculas
{"ok":true}

C:\Users\user>
```

Martes 13 de abril, Hora: 7:00 a.m. | Cisco Webex Meetings - Meeting | Project Fauxton

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

Databases Database name Create Database {} JSON

Name	Size	# of Docs	Partitioned	Actions
dbpeliculas	0 bytes	0	No	  
dbprueba	359 bytes	1	No	  

Fauxton on Apache CouchDB

```
Simbolo del sistema
C:\Users\user>curl -vX PUT http://AmLopez23:Am1lcar2341@localhost:5984/dbregistro
* Trying ::1...
* TCP_NODELAY set
* Trying 127.0.0.1...
* TCP_NODELAY set
* Connected to localhost (127.0.0.1) port 5984 (#0)
* Server auth using Basic with user 'AmLopez23'
> PUT /dbregistro HTTP/1.1
> Host: localhost:5984
> Authorization: Basic QW1Mb3BlejIzOkFtMWxjYXIyMzQx
> User-Agent: curl/7.55.1
> Accept: */*
>
< HTTP/1.1 201 Created
< Cache-Control: must-revalidate
< Content-Length: 12
< Content-Type: application/json
< Date: Tue, 13 Apr 2021 14:00:26 GMT
< Location: http://localhost:5984/dbregistro
< Server: CouchDB/3.1.1 (Erlang OTP/20)
< X-Couch-Request-ID: fd9807ca1e
< X-CouchDB-Body-Time: 0
<
{"ok":true}
* Connection #0 to host localhost left intact










C:\Users\user>
```

Martes 13 de abril, Hora: 7:00 a.m. x Cisco Webex Meetings - Meeting x Project Fauxton x +

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

### Databases

Database name  Create Database {} JSON

Name	Size	# of Docs	Partitioned	Actions
dbpeliculas	0 bytes	0	No	  
dbprueba	359 bytes	1	No	  
dbregistro	0 bytes	0	No	  

Showing 1–3 of 3 databases. Databases per page 20 « 1 »

Log

Escribe aquí para buscar

08:04 13/4/2021

```
Simbolo del sistema
C:\Users\user>curl -vX DELETE http://AmLopez23:Am1lcar2341@localhost:5984/dbregistro
* Trying ::1...
* TCP_NODELAY set
* Trying 127.0.0.1...
* TCP_NODELAY set
* Connected to localhost (127.0.0.1) port 5984 (#0)
* Server auth using Basic with user 'AmLopez23'
> DELETE /dbregistro HTTP/1.1
> Host: localhost:5984
> Authorization: Basic QW1Mb3BlejIzOkFtMWxjYXIyMzQx
> User-Agent: curl/7.55.1
> Accept: */*
>
< HTTP/1.1 200 OK
< Cache-Control: must-revalidate
< Content-Length: 12
< Content-Type: application/json
< Date: Tue, 13 Apr 2021 14:05:25 GMT
< Server: CouchDB/3.1.1 (Erlang OTP/20)
< X-Couch-Request-ID: aede4a9dda
< X-CouchDB-Body-Time: 0
<
{"ok":true}
* Connection #0 to host localhost left intact

C:\Users\user>
```

Martes 13 de abril, Hora: 7:00 a.m. x Cisco Webex Meetings - Meeting x Project Fauxton x +

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

### Databases

Database name  Create Database {} JSON

Name	Size	# of Docs	Partitioned	Actions
dbpeliculas	0 bytes	0	No	
dbprueba	359 bytes	1	No	

Showing 1–2 of 2 databases. Databases per page 20 « 1 »

Log

Escribe aquí para buscar

08:05 13/4/2021

```
C:\Users\user>curl -X PUT 'http://AmLopez23:Am1lcar2341@localhost:5984/dbpeliculas/1' -d '{\"nombre\": \"Andrea\", \"Hobbie\": \"Cantar\"}'
curl: (1) Protocol \"http\" not supported or disabled in libcurl
curl: (6) Could not resolve host: Andrea,
curl: (6) Could not resolve host: Hobbie
curl: (3) [globbing] unmatched close brace/bracket in column 7

C:\Users\user>curl -X POST http://AmLopez23:Am1lcar2341@localhost:5984/dbpeliculas/1 -d '{\"nombre\": \"Andrea\", \"Hobbie\": \"Cantar\"}'
{\"error\": \"bad_request\", \"reason\": \"Referer header required.\"}
curl: (6) Could not resolve host: Andrea,
curl: (6) Could not resolve host: Hobbie
curl: (3) [globbing] unmatched close brace/bracket in column 7

C:\Users\user>curl -X POST http://AmLopez23:Am1lcar2341@localhost:5984/dbpeliculas/1 -d '{\"nombre\": \"Andrea\", \"Hobbie\": \"Cantar\"}'
{\"error\": \"bad_request\", \"reason\": \"Referer header required.\"}
curl: (6) Could not resolve host: Andrea,
curl: (6) Could not resolve host: Hobbie
curl: (3) [globbing] unmatched close brace/bracket in column 7

C:\Users\user>curl -X PUT http://AmLopez23:Am1lcar2341@localhost:5984/dbpeliculas/1 -d '{\"nombre\": \"Andrea\", \"Hobbie\": \"Cantar\"}'
{\"ok\": true, \"id\": \"1\", \"rev\": \"1-44e764de7bc5d94a8345132b3d67c8e4\"}

C:\Users\user>
```

Martes 13 de abril, Hora: 7:00 a.m. x Cisco Webex Meetings - Meeting x Project Fauxton - database/dbpeliculas x +

localhost:5984/\_utils/#database/dbpeliculas/\_all\_docs

dbpeliculas

All Documents +

Run A Query with Mango

Permissions

Changes

Design Documents +

Document ID

Options

{ } JSON

Create Document

Table Metadata { } JSON

id	key	value
1	1	{ \"rev\": \"1-44e764de7bc5d94a834513...

Showing document 1 - 1. Documents per page: 20

08:34 13/4/2021

```
cmd: Símbolo del sistema

curl: (6) Could not resolve host: Andrea,
curl: (6) Could not resolve host: Hobbie
curl: (3) [globbing] unmatched close brace/bracket in column 7

C:\Users\user>curl -X POST http://AmLopez23:Am1lcar2341@localhost:5984/dbpeliculas/1 -d '{
"nombre": "Andrea", "Hobbie": "Cantar"}'
{"error":"bad_request","reason":"Referer header required."}
curl: (6) Could not resolve host: Andrea,
curl: (6) Could not resolve host: Hobbie
curl: (3) [globbing] unmatched close brace/bracket in column 7

C:\Users\user>curl -X POST http://AmLopez23:Am1lcar2341@localhost:5984/dbpeliculas/1 -d '{
"nombre": "Andrea", "Hobbie": "Cantar"}'
{"error":"bad_request","reason":"Referer header required."}
curl: (6) Could not resolve host: Andrea,
curl: (6) Could not resolve host: Hobbie
curl: (3) [globbing] unmatched close brace/bracket in column 7

C:\Users\user>curl -X PUT http://AmLopez23:Am1lcar2341@localhost:5984/dbpeliculas/1 -d '{"ok":true,"id":"1","rev":"1-44e764de7bc5d94a8345132b3d67c8e4"}'

C:\Users\user>curl -X GET http://AmLopez23:Am1lcar2341@localhost:5984/dbpeliculas/1
{"_id":"1","_rev":"1-44e764de7bc5d94a8345132b3d67c8e4","nombre":"Andrea","Hobbie":"Cantar"}

C:\Users\user>
```