Data Synchronization with CouchDB

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What is CouchDB?

1. **Open source NoSql database.**

2. **Stores data in JSON format.**

3. **Document based**

4. **Couchdb Replication Protocol**
   (Protocol for synchronizing json documents between two peers over HTTP)
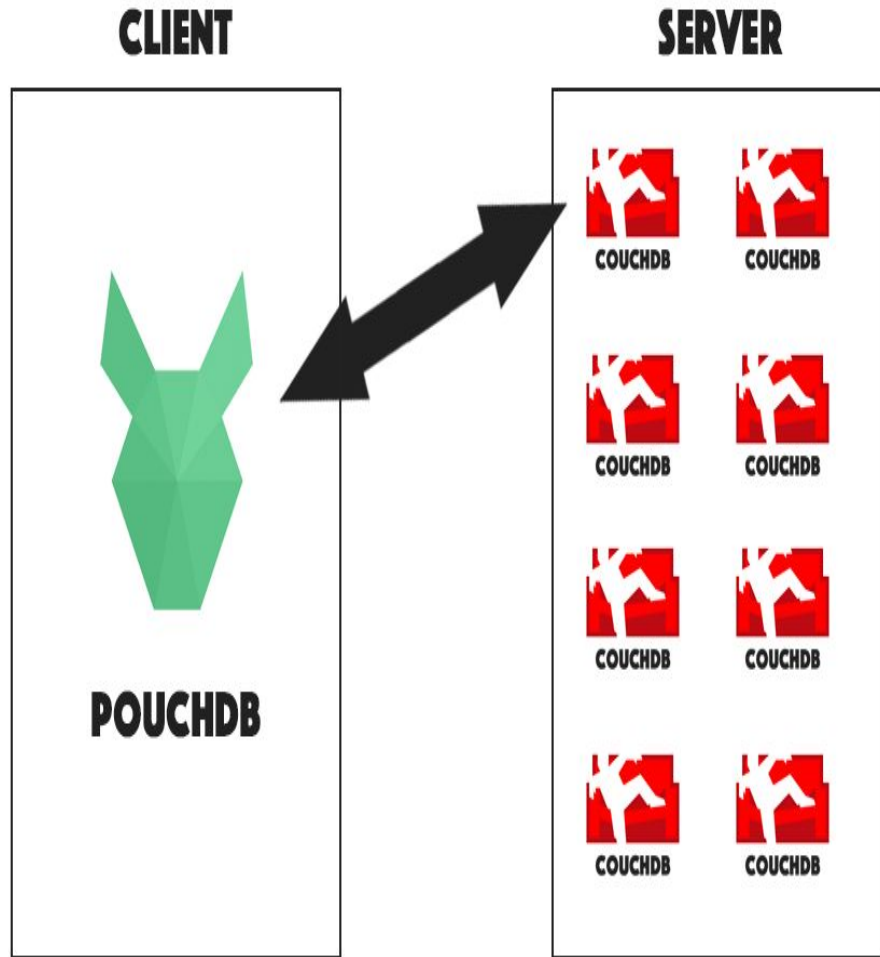
What is PouchDB?

1. **Javascript library that syncs.**

2. **Uses CouchDB Replication Protocol.**

3. **Offline first approach.**

4. **It has adapters for many frameworks.**

5. **In the browser, it uses indexdb or some kind of localstorage.**

CouchDB Document

```json
{
    "_id": "2019-04-24T23:17:37.837Z",
    "_rev": "2-a9309efa34fa2a443fbc3b0de9cecca6",
    "name": "Eve",
    "job": "Escritora"
}
```

CLIENT

SERVER

localDB.sync(RemoteDB, [options])

POUCHDB

COUCHDB   COUCHDB

COUCHDB   COUCHDB

COUCHDB   COUCHDB

COUCHDB   COUCHDB

"Talk is cheap.Show me the code"

Linus Torvalds