

TOUCHDB - A Couch to Go



Image source: <http://hiconsumption.com/tag/driving-experience/>

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product manager -> iOS developer

I <3 CouchDB



Nooo, I have to write a backend for
my app!

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CHILL OUT - I GOT THIS.



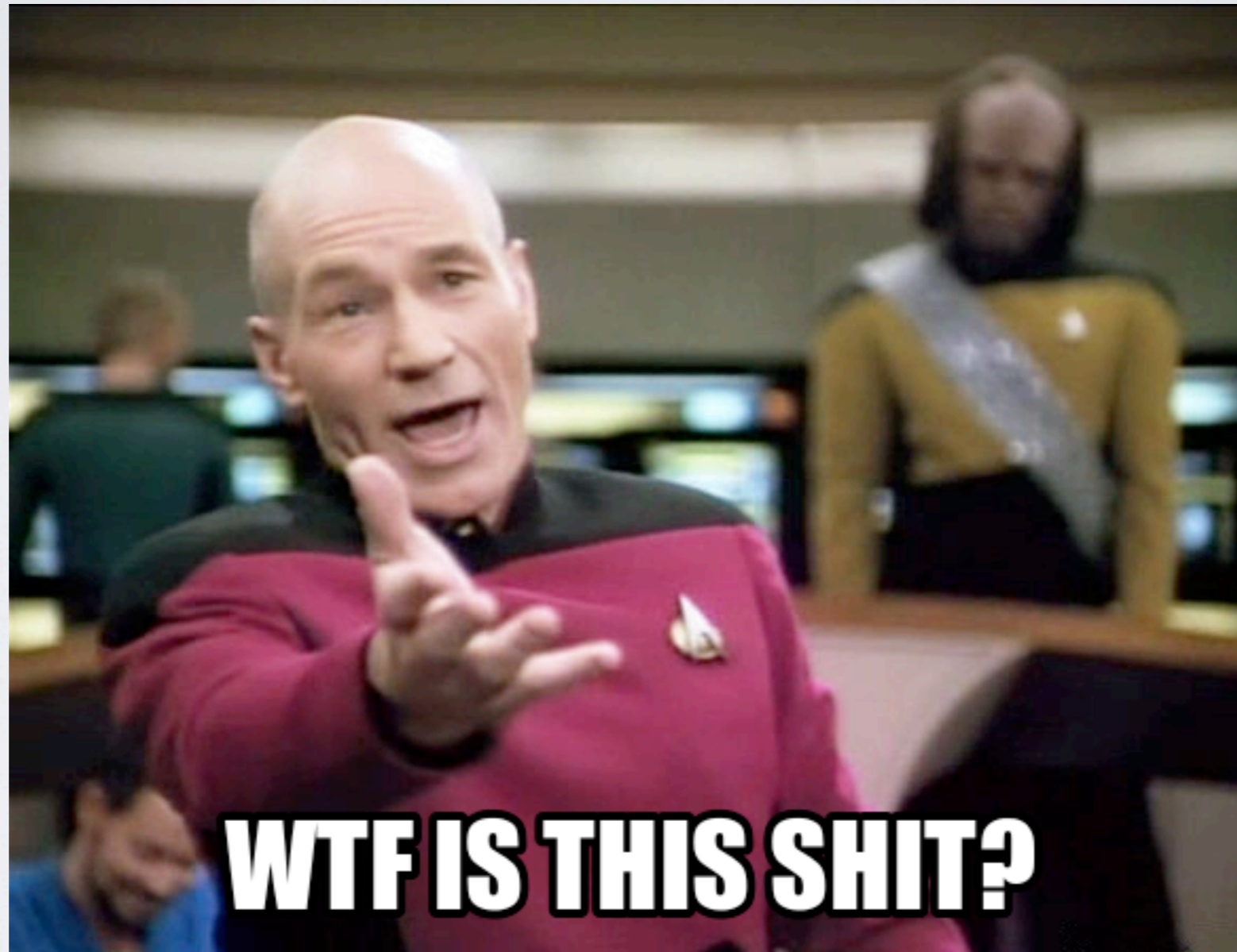
Image source: <http://www.funnychutepics.com/funny/chill/>



NO INTERNET



SLOW & LOSSY INTERNET



EXPENSIVE



WHAT DID I WANT?

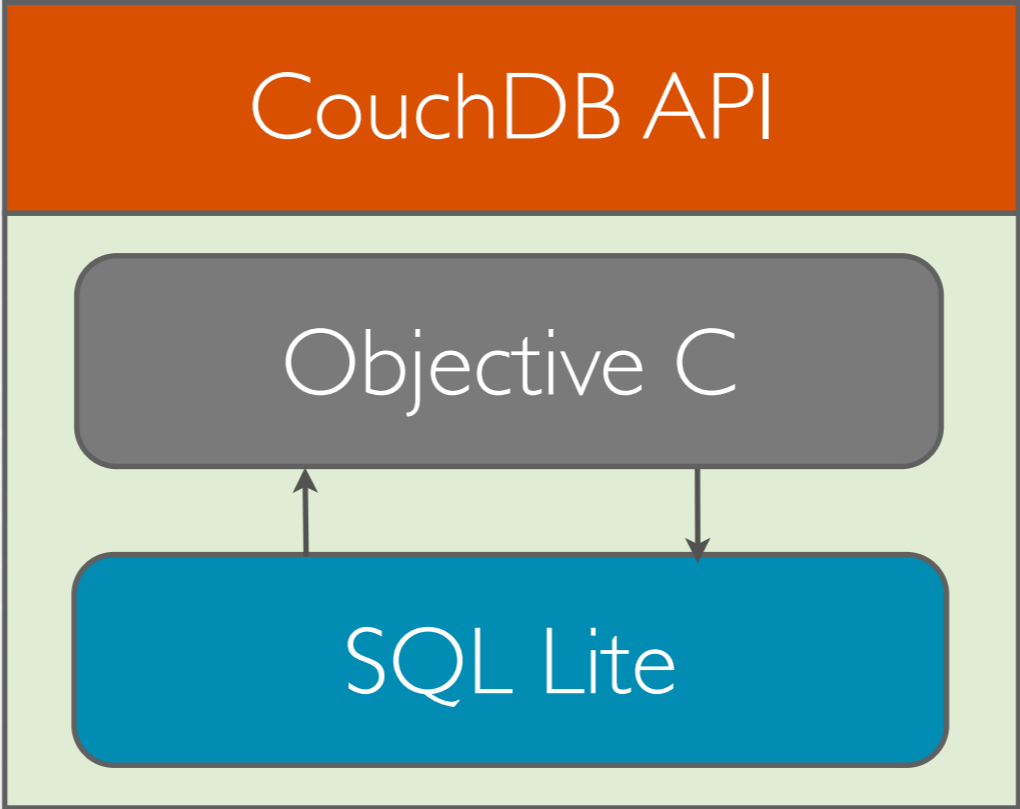
- * Same API for Online and Offline access
- * Readymade syncing solution



TouchDB is a **lightweight**

Apache **CouchDB-compatible** database engine

suitable for embedding into mobile or desktop apps.





CouchDB
relax

CouchDB API

CouchDB HTTP Protocol

CouchDB API

Objective C

SQL Lite





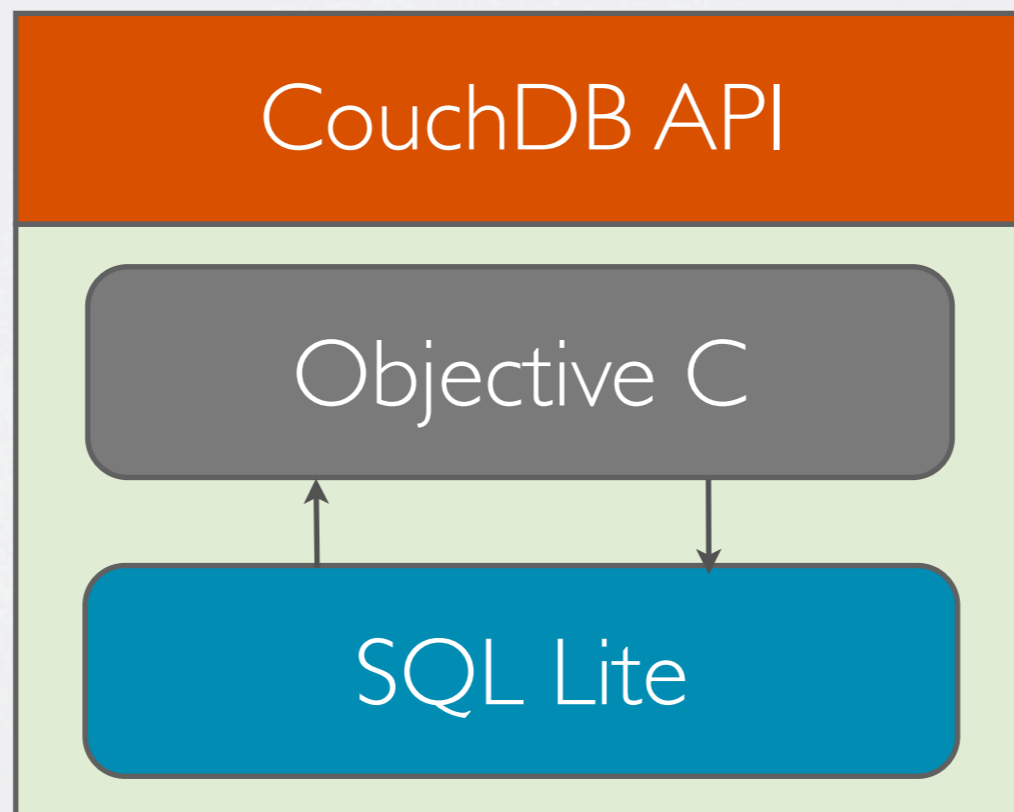
CouchDB
relax

CouchDB API



CouchDB API

CouchDB HTTP Protocol





CouchDB
relax

CouchDB API



CouchDB API

PouchDB ?

CouchDB API

CouchDB HTTP Protocol

CouchDB API

Objective C

SQL Lite

I will synch data with everything
that speaks CouchDB!



PERFECT FOR EMBEDDING

Small: ~350 kbytes

Quick startup time: < 100ms

Supported systems:

- * iOS \geq 5.0
- * Mac OS X
- * Android 2.2

EASY SETUP

```
#import <CouchCocoa/CouchCocoa.h>

// Creating TouchDB server
CouchTouchDBServer* server = [CouchTouchDBServer sharedInstance];

// Creating a local database
self.database = [server databaseNamed: @"memories"];

// Creating the replications
NSArray* repls =
    [self.database replicateWithURL: _couchSyncURL
                             exclusively: YES];
_pull = [repls objectAtIndex: 0];
_pull.continuous = YES;
_push = [repls objectAtIndex: 1];
_push.continuous = YES;
```



FEATURING:

Views



Attachments



Replication



Peer to peer sync



Image source: <http://hiconsumption.com/tas/driving-experience/>

DEMO TIME

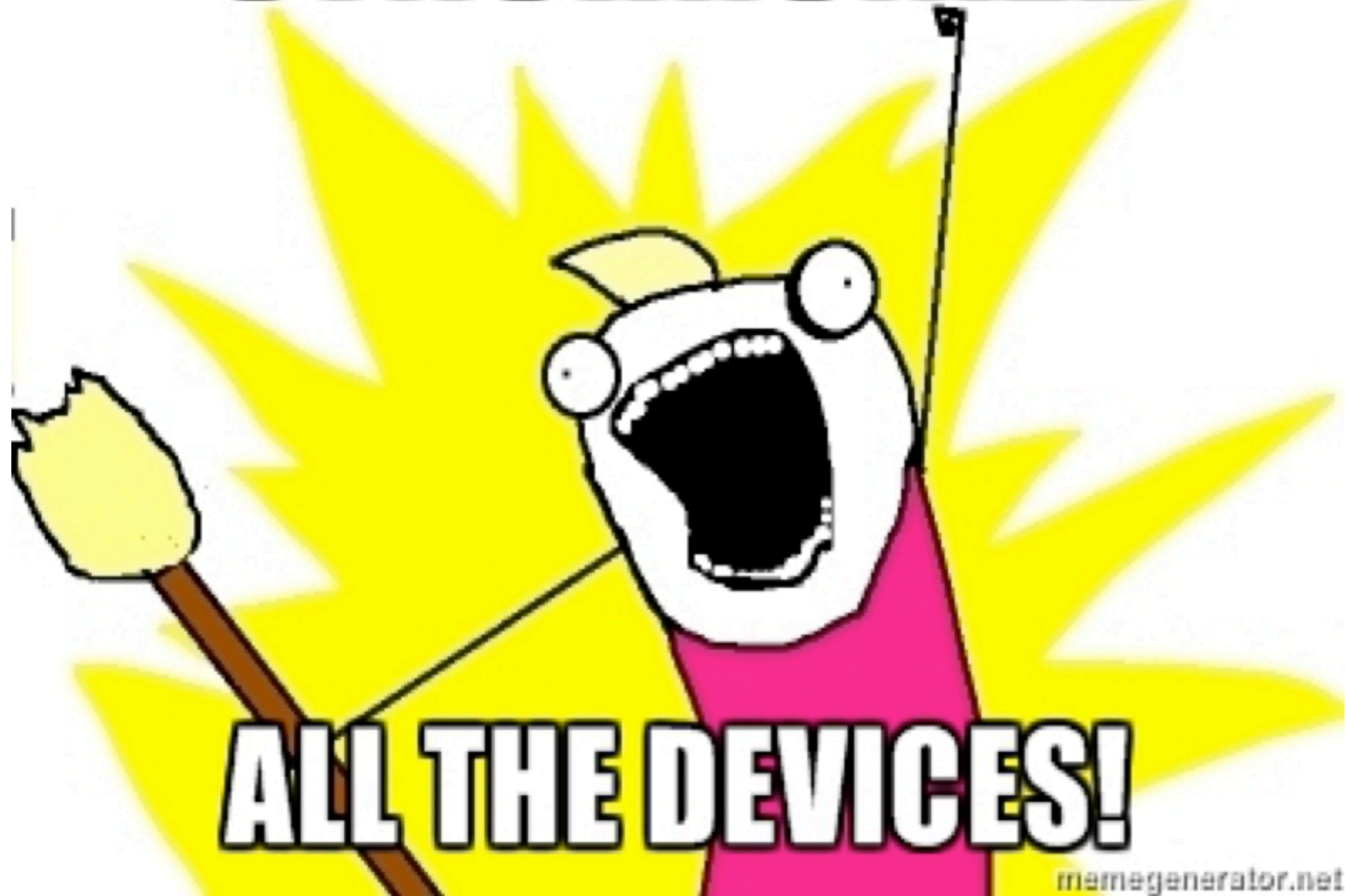


- Current version: 1.0.1.
- Developed by Jens Alfke from CouchBase
- Source Code on Github:
<https://github.com/couchbaselabs/TouchDB-iOS>
- Getting help:
<https://groups.google.com/forum/#!forum/mobile-couchbase>

I <3 CouchDB

Every platform should have an
embedded Couch!

SYNCHRONIZE



ALL THE DEVICES!

memegenerator.net