



Building Applications with Ubuntu One

**Stuart Langridge
Canonical**



CouchDB
relax

http api

[+ Create Document ...](#) [+ Compact Database](#) [✕ Delete Database](#)Select view: [▶ View Code](#)

design/views

Key	Value
Add Delicious ID: 40011b95a381b0f7759854b8b62943a5	"javascript URL"
Add Delicious ID: 7c565716dd35196d614028012432f980	"javascript URL"
adpb admin ID: 0fdacddfdca5a9669769bc2845ebd4f3	"www.kryogenix.org/days..."
adpb admin ID: 340f4d69d7621a260e56a0380d58f90b	"www.kryogenix.org/days..."
Apache CouchDB - Futon: Browse Database ID: d1197d52a073f6c41fe8cef23ffe70ab	"localhost:5984/_utils..."
Apache CouchDB - Futon: Browse Database ID: ffde9efb6812a4aeeefb67805b34019d	"localhost:5984/_utils..."
Central Sports Cars Ltd ID: 9213b0a190b400a95994c9ceeb69d55	"www.centralsportscarsltd.co.uk/i..."
Central Sports Cars Ltd ID: 93b0aacef52a2e13cd145c4723c2d789	"www.centralsportscarsltd.co.uk/i..."
Components.utils.reportError ID: 2f5cd9f1f5a1fb2bc1936393b5335f	"developer.mozilla.org/..."
Components.utils.reportError ID: 915349930244e421f678bd37b360b723	"developer.mozilla.org/..."

Showing 1-10 of 40 rows

[← Previous Page](#) | Rows per page: | [Next Page →](#)

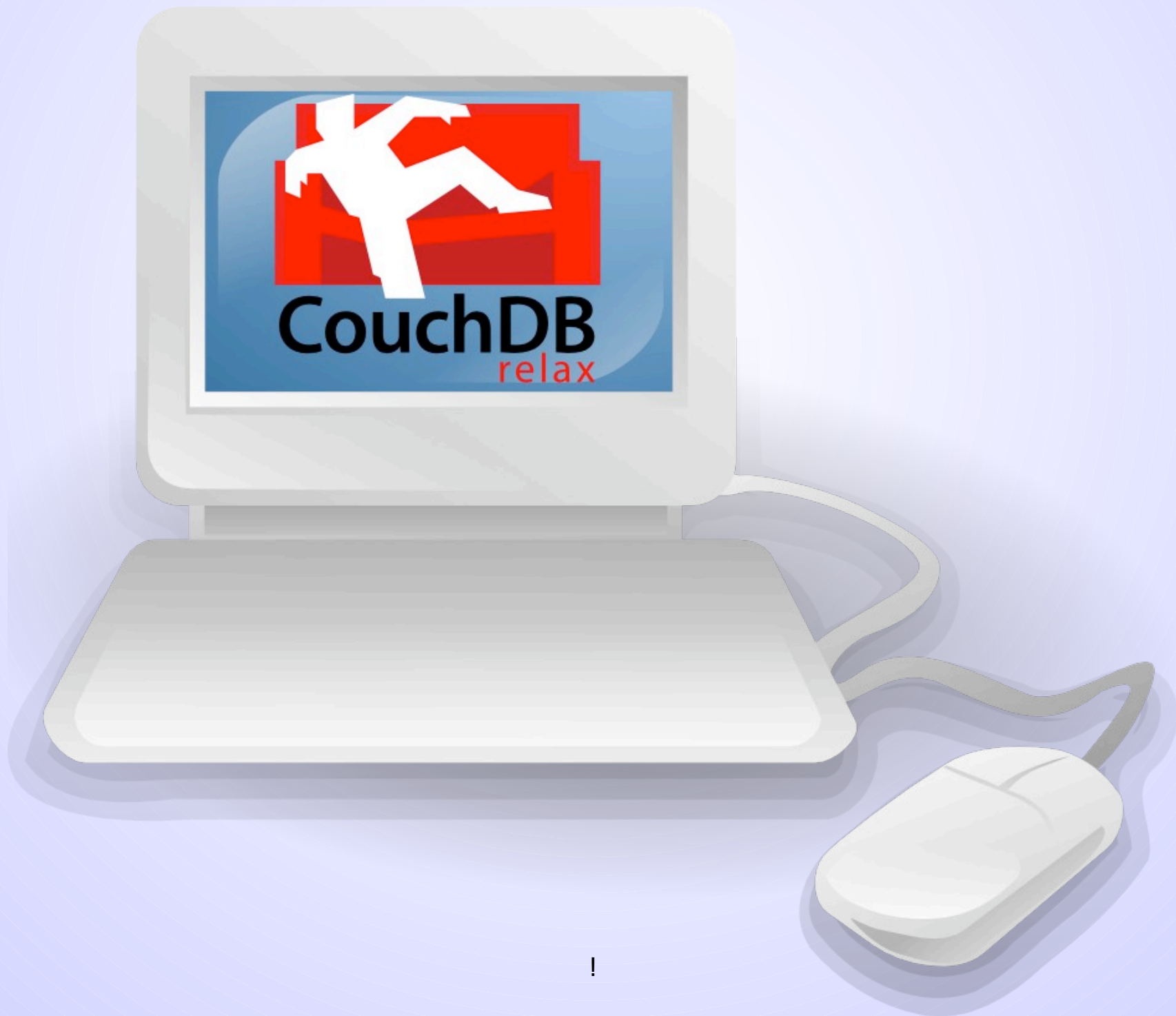
Tools

- [Overview](#)
- [Configuration](#)
- [Replicator](#)
- [Status](#)
- [Test Suite](#)

Recent Databases

[bookmarks](#)

store data



!

!

firefox bookmarks

tomboy notes

contacts

evolution addressbook

akonadi addressbook



!

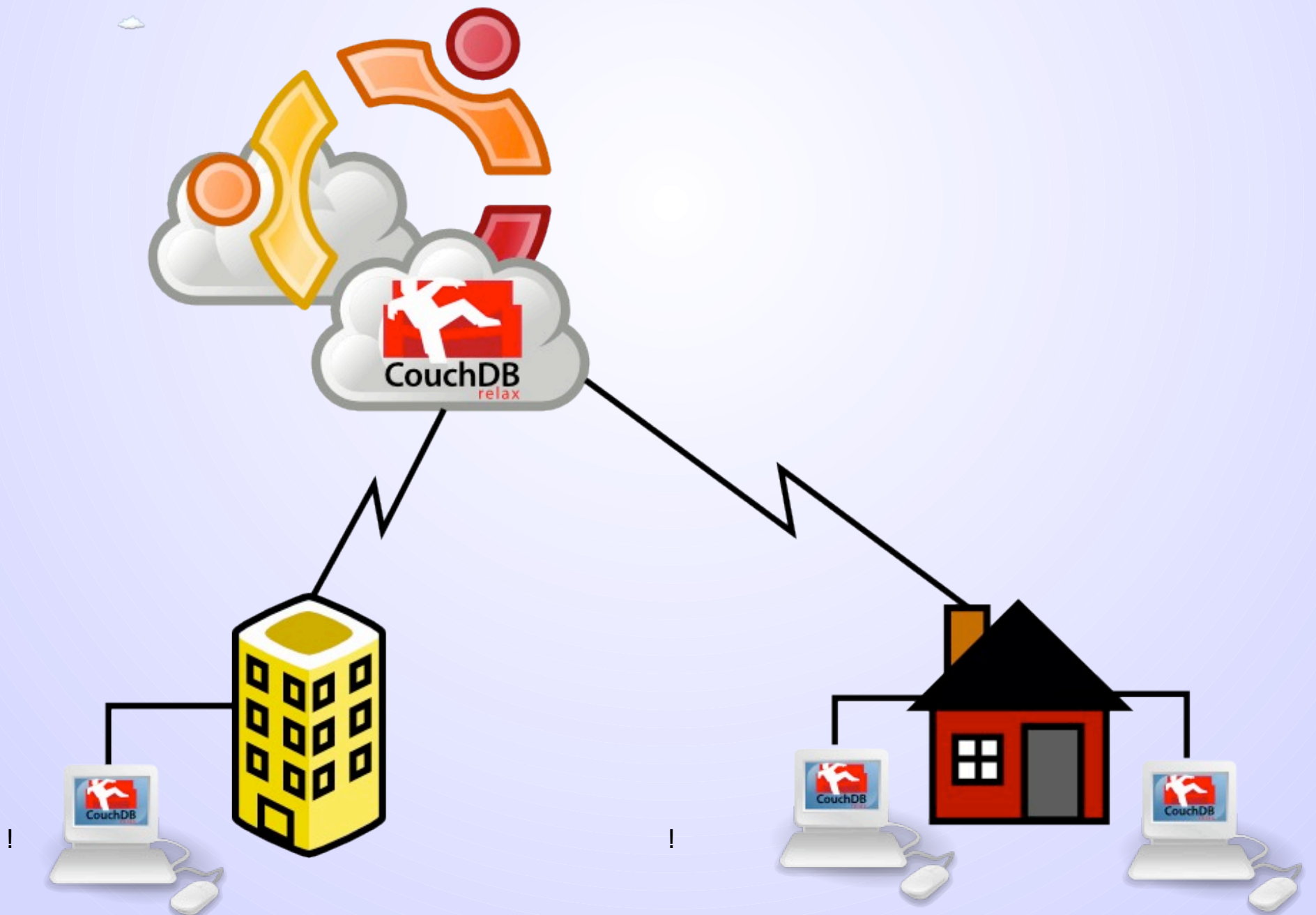
!

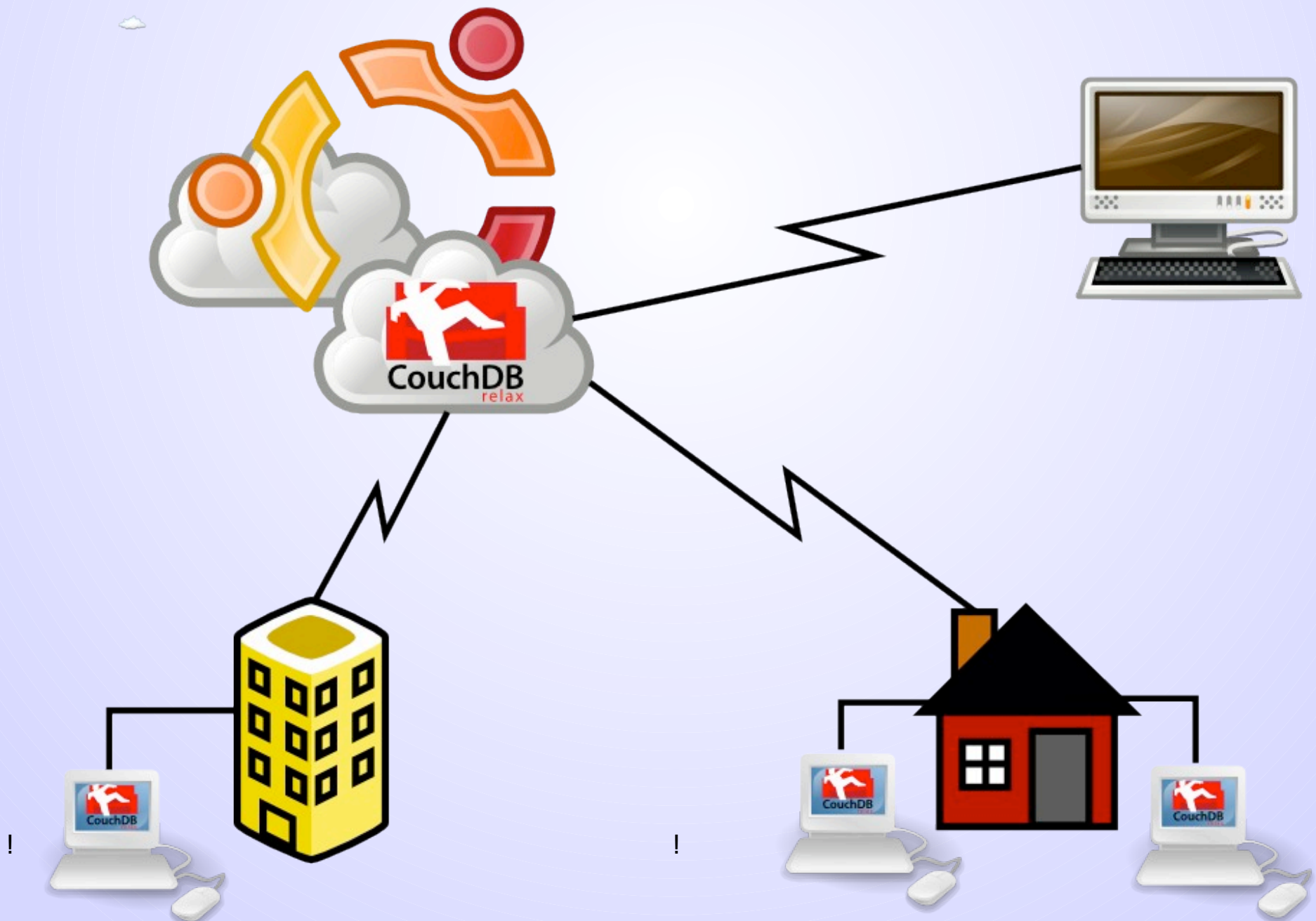
pairing

!

!

pair with Ubuntu One





use from other machines

web UI for contacts

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We're currently in Beta mode, working quickly to provide a great experience. [Please report any problems you notice!](#)

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View Contacts

Link	First Name	Last Name	Emails	Phone Numbers
View	Joe	Bloggs	joe@bloggs.com j@b.com	
View	Mark	Saye	markgsaye@gmail.com mark.saye@canonical.com	44 7799 827002 44 20 8998 7141
View	Test	User	test@user.com test2@user.com	
View	myFirstName	myLastname	myEmail@domain.com myAdditionalEmail@domain.com	myWorkPhone myFax myPager myHomePhone myMobilePhone

Found 4 contacts



[Home](#) > [Contacts](#) > [View Contacts](#)

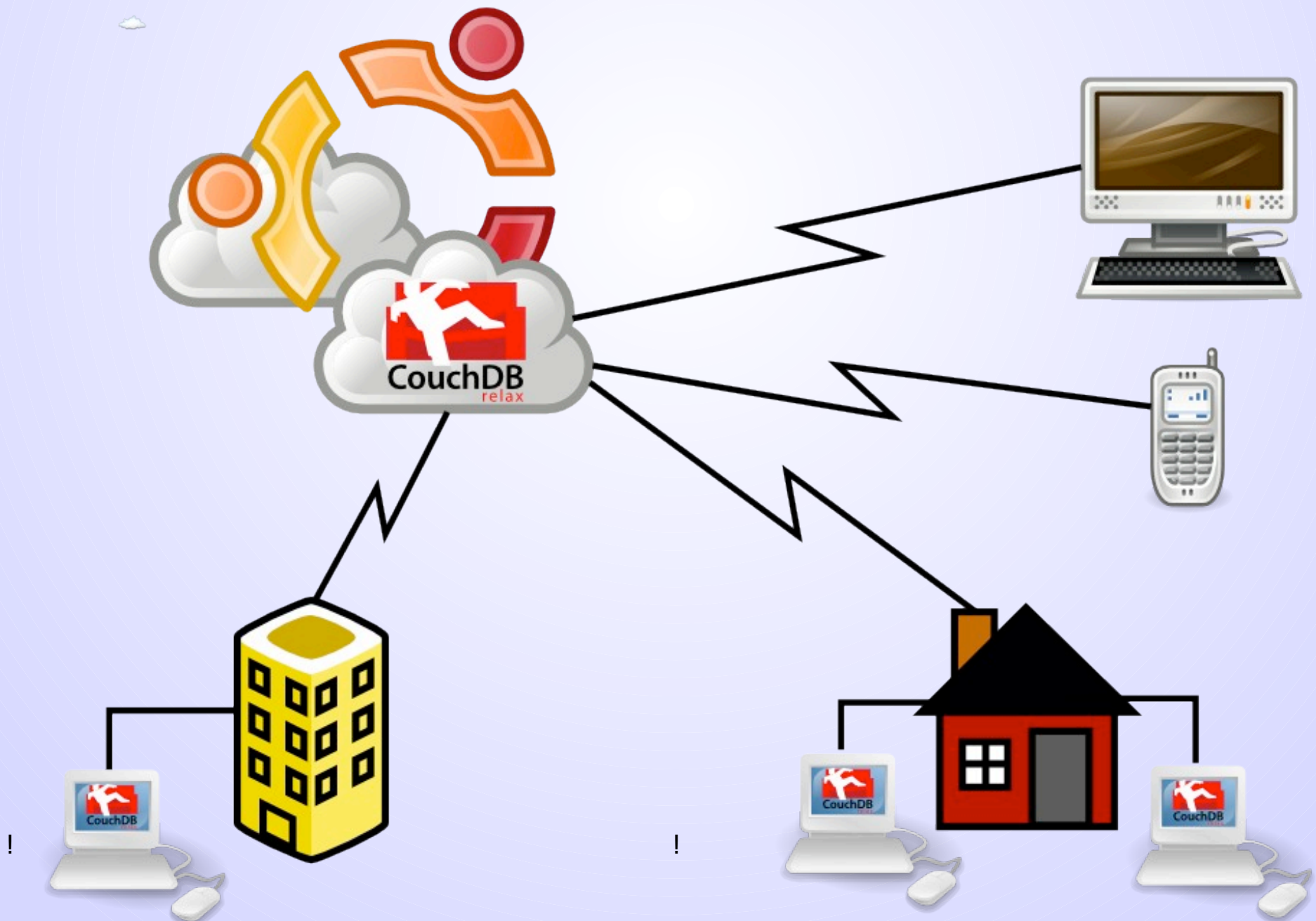
Contact Data

Phone Numbers

Email Addresses

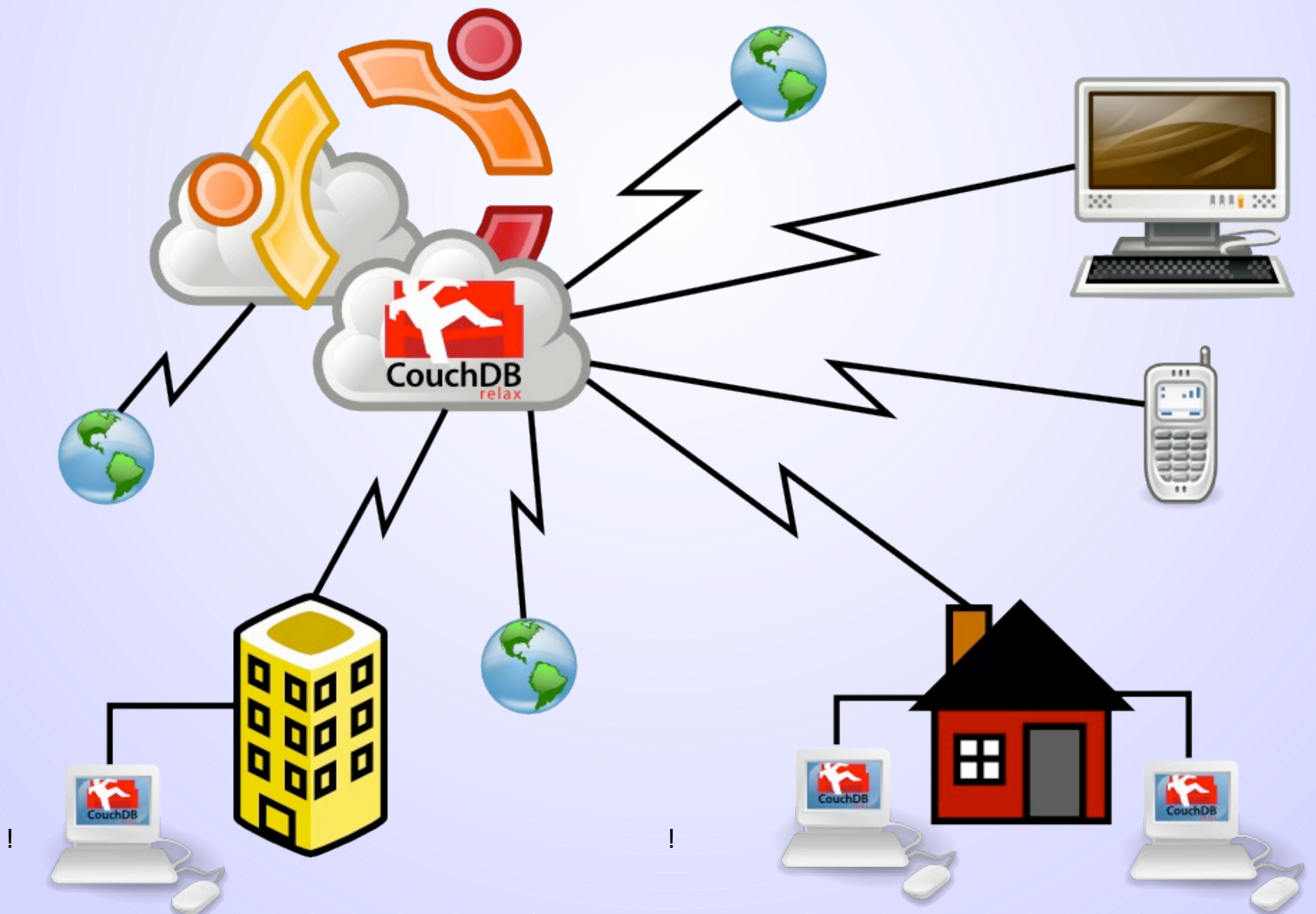
Postal Addresses

description	work	home
--------------------	------	------



funambol phone sync

your data everywhere



benefits of a web app

use from your applications

records API

records API

Import things

```
>>> from desktopcouch.records.server import CouchDatabase
>>> from desktopcouch.records.record import Record
```

Get a database (creating it if it's not there)

```
>>> db = CouchDatabase('testing', create=True)
```

Create a record in that database. Records need a record type

```
>>> r = Record({'a': 'b'},
               record_type='http://example.com/testrecord')
```

Records work like Python dictionaries

```
>>> r['c'] = ['d', 'e', 'f']
```

Save the record

```
>>> record_id = db.put_record(r)
```

Get a record by ID

```
>>> fetched = db.get_record(record_id)
>>> print fetched['a']
```

!b

!

Native Python CouchDB API

http api

Create

HTTP PUT /db/my_doc_id

Read

HTTP GET /db/my_doc_id

Update

HTTP PUT /db/my_doc_id

Delete

HTTP DELETE /db/my_doc_id



quickly

!

!

greasemonkey

things coming up from Ubuntu One

**file metadata stored in desktop
Couch**

screen sharing

find out what's going on



#desktopcouch



**#ubuntuone / #desktopcouch
on freenode**



desktop-couchdb on groups.google.com

!

!



fin.

twitter: @sil

<http://www.kryogenix.org/>

<http://tinyurl.com/194jdn>

photo credits: FlickrDelusions Graphic Leftovers OpenClipArt