

# Ruby sittin' on the Couch

## Who am I?

Ruby

CouchDB

### Agenda

#### CouchDB Introduction



## That's why

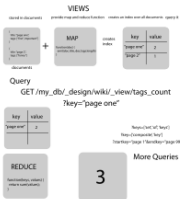
#### So how does CouchDB work?

HTTP API

POST/PUT '/my\_db/' +  
GET '/my\_db/' →  
DELETE '/my\_db/\_some\_id'

JSON

```
{
  "id": "some ID",
  "key": "WAZZ key",
  "title": "page one",
  "body": "this is page one",
  "tags": ["ruby", "couchdb", "wiki"],
  "metadata": {
    "created_at": "2009-03-28 00:00:00",
    "author": "John"
  }
}
```



#### The Example Wiki

ActiveRecord  
ActiveRest  
ActiveCouch  
ActiveFoo  
RelaxDB  
Couch Potato  
CouchObject  
CouchApp

in all Ruby CouchDB frameworks

[http://github.com/langalex/couchdb\\_example\\_wiki](http://github.com/langalex/couchdb_example_wiki)

#### Features

- easy create/update pages
- list of pages
- page history, browse versions
- harder statistics: occurrences of all words in all pages

#### ActiveRecord Implementation

You all know that right?

```
class Page < ActiveRecord::Base
  belongs_to :wiki
  has_many :page_versions, :class_name => 'PageVersion'
  attr_accessible :title, :body, :tags, :metadata

  def self.find_by_title(title)
    where('title = ?', title).first
  end
end
```

Page has\_many :page\_versions  
acts\_as :versioned

Statistics

DEMO