Web Development with Sinatra
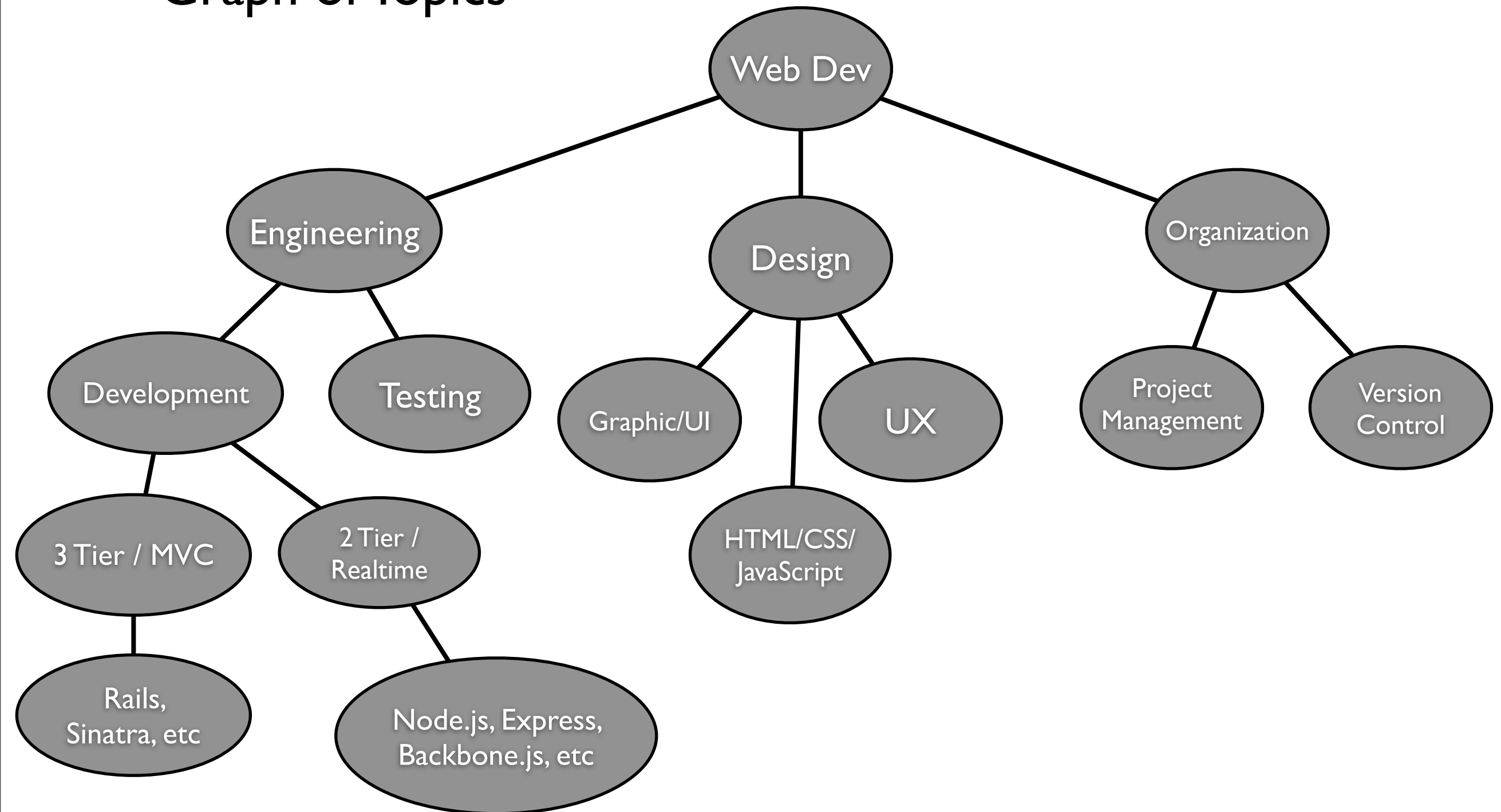
Overview
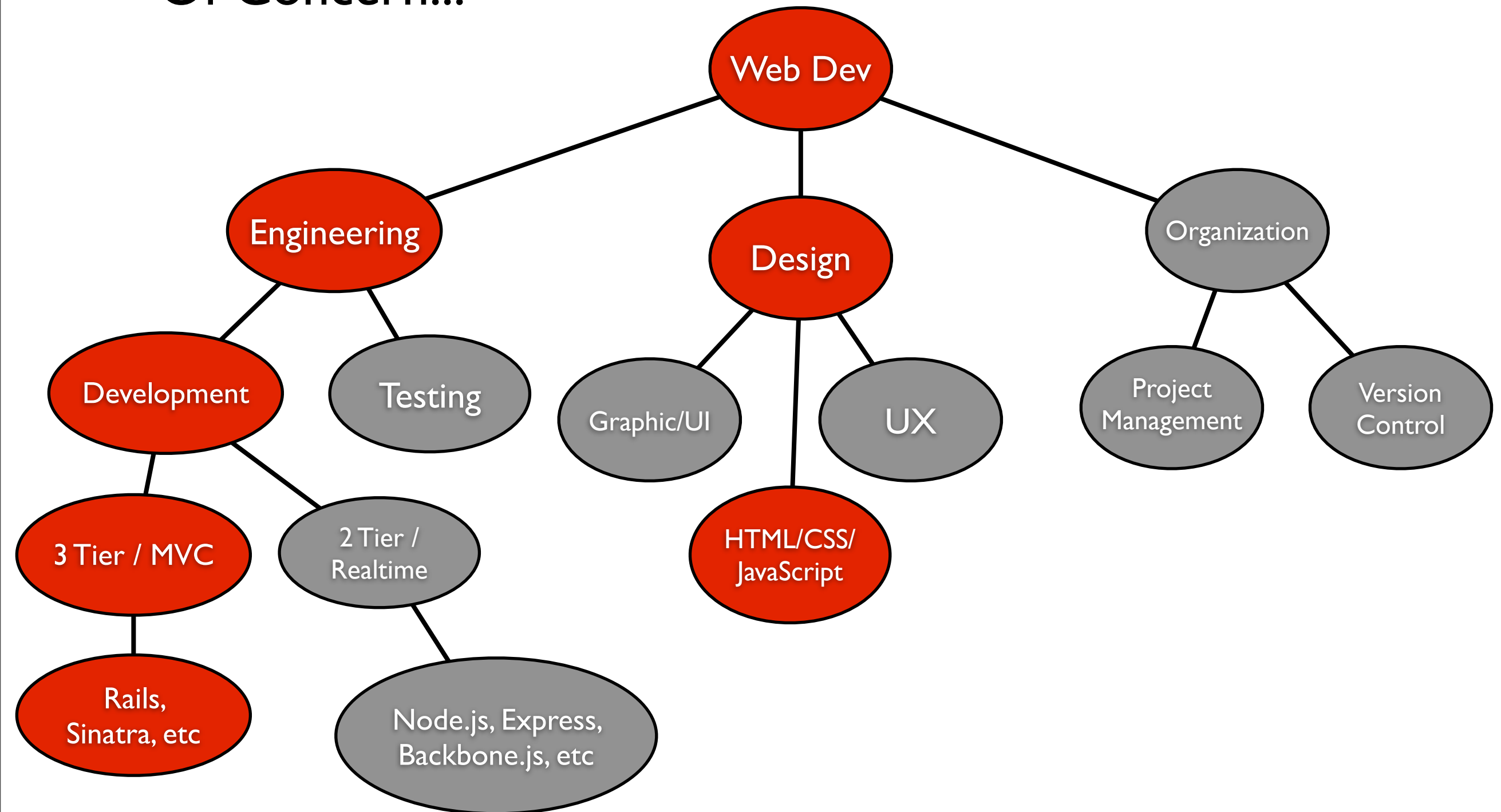
https://github.com/gnarmis/meerkat

It's All About Information

- Internet > Web

- The web is the lowest common denominator

- What with SOPA/PIPA in the news, check out "**The Coming War on General Purpose Computation**"

Graph of Topics

Of Concern...

The Browser

- Basic webpage

- the Document Object Model

  - jsfiddle.net **=>**

  - Tilt **=>**

  - Basic template **=>**
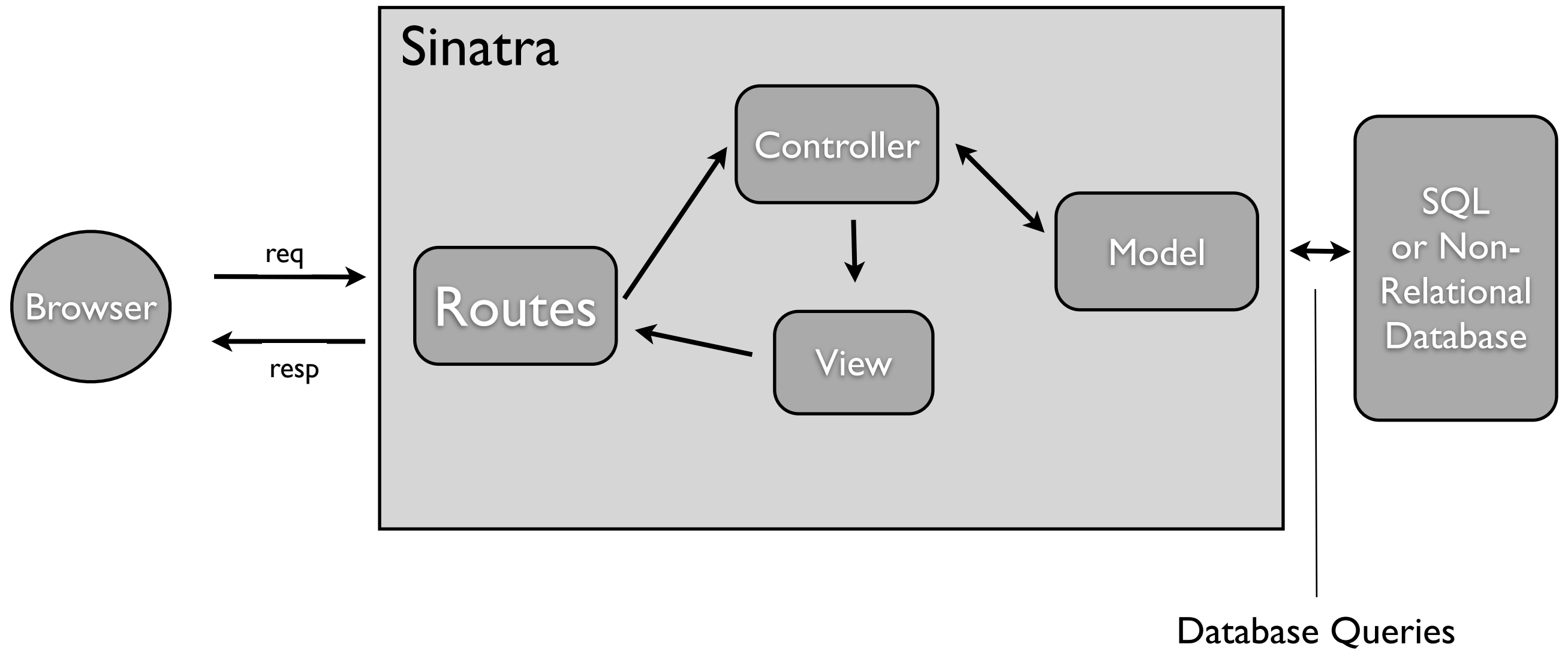
Part 1 - basic template for browser

- ## Get course's code

  ```
  $ git clone git@github.com:gnarmis/meerkat.git

  $ git checkout part1
  ```

- ## Or download 'p1' from here:

  https://github.com/gnarmis/meerkat/tags

The Server

Why Sinatra?

- Simple. Lightweight. Focused.

- Ruby.

```ruby
require 'sinatra'

get '/hi' do
  "Hello World!"
end
```


Hello World!

Part 2 - basic server stuff

- ## Get course's code

  ```
  $ git clone git@github.com:gnarmis/meerkat.git

  $ git checkout part2
  ```

- ## Or download 'p2' from here:

  https://github.com/gnarmis/meerkat/tags

Part 3 - putting it together

- Get course's code

```
$ git clone git@github.com:gnarmis/meerkat.git

$ git checkout part3
```
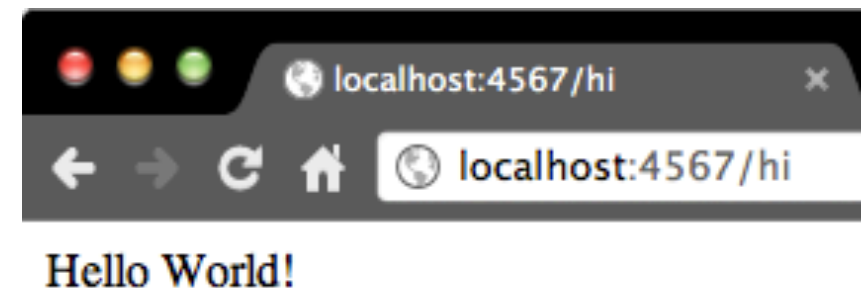
- Or download 'p3' from here:

  https://github.com/gnarmis/meerkat/tags

Sinatra In the Wild

- http://www.sinatrarb.com/wild.html

A Band of Sinatras

```ruby
# config.ru
require 'sinatra/base'

controller = Sinatra.new do
  enable :logging
  helpers MyHelpers
end

map('/a') do
  run Sinatra.new(controller) { get('/') { 'a' } }
end

map('/b') do
  run Sinatra.new(controller) { get('/') { 'b' } }
end
```

Sinatra Jamming with Rails

```ruby
require 'sinatra/base'

use Sinatra do
  get('/') { ... }
end

run RailsProject::Application
```

So, make a simple Sinatra app and then just add Rails when you need it