



**Sinatra**



**SINATRA?**



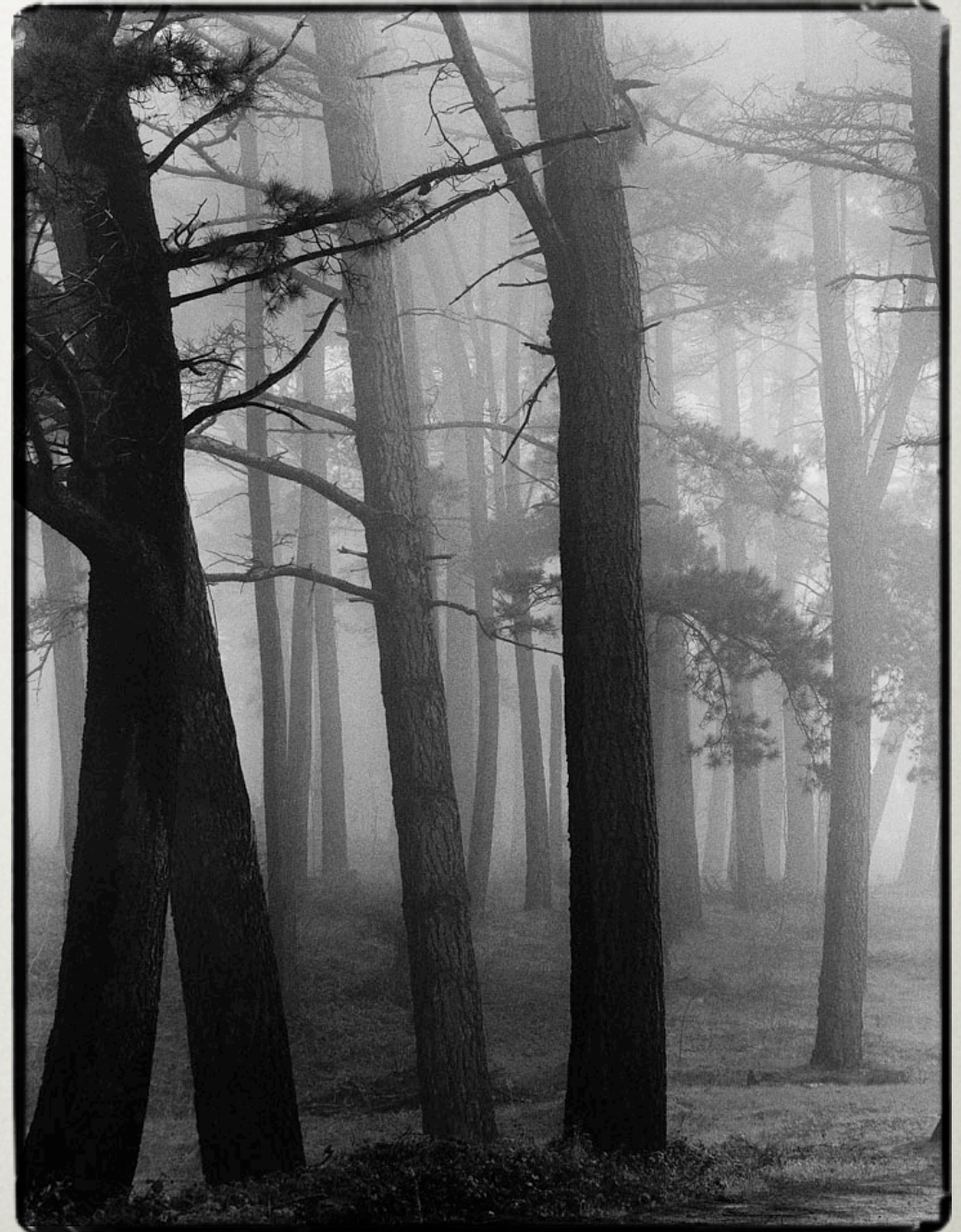
**SINATRA?**



# SINATRA ?

---

- Ruby製  
Webフレームワーク
- MCモデル
- お手軽





# Sinatra doesn't know this ditty.



Try this:

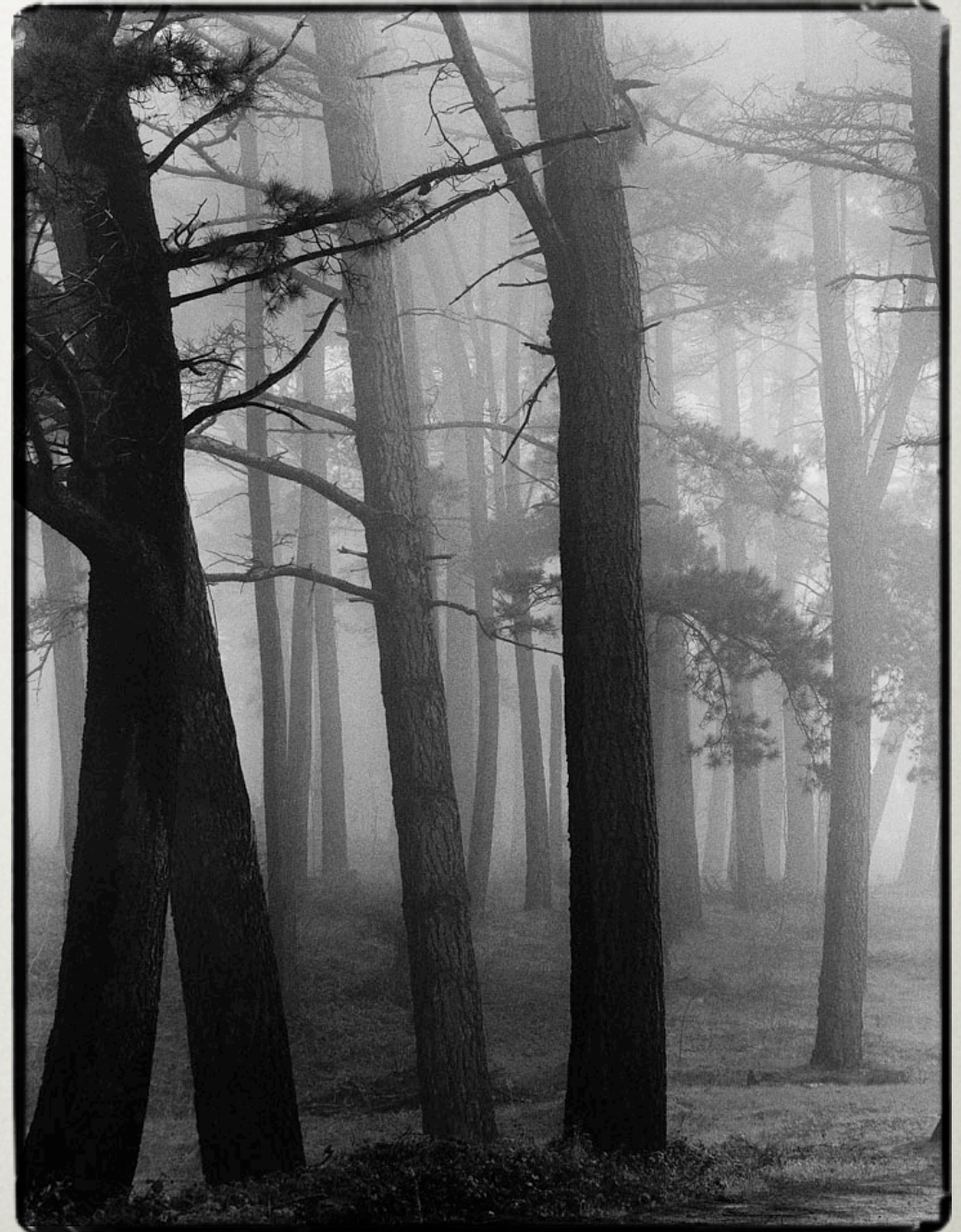
```
get '/Sinatra/error' do  
  "Hello World"  
end
```



# AGENDA

---

- Hello Sinatra
- View (Haml)
- DB(Active Record)







# HELLO WORLD!

sinatra.rb

```
# coding: utf-8
require 'sinatra'

get '/' do
  'Hello Sinatra!'
end
```

## COMMAND

ruby sinatra.rb

<http://0.0.0.0:4567/>







環境作り

gem install sinatra

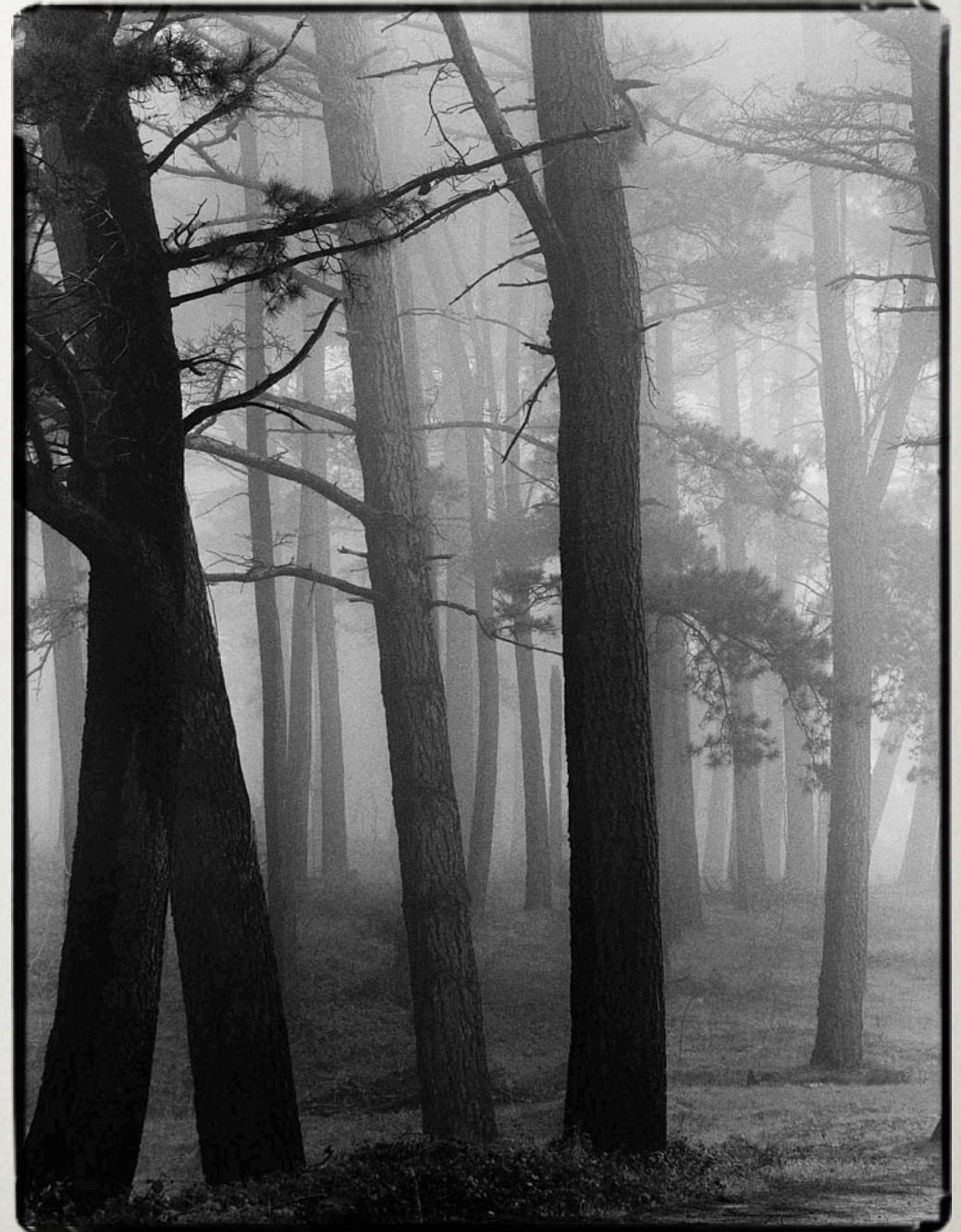


# VIEW / TEMPLATE

---

- Erb
- **Ham**l
- Markdown
- 鋸

など





# HAML

- HTML abstraction markup language
- Haml accelerates and simplifies  
template creation down to veritable  
haiku



# HAML

```
%html
  %head
    %title
      Haml Sample
  %body
    Hello Haml!
```

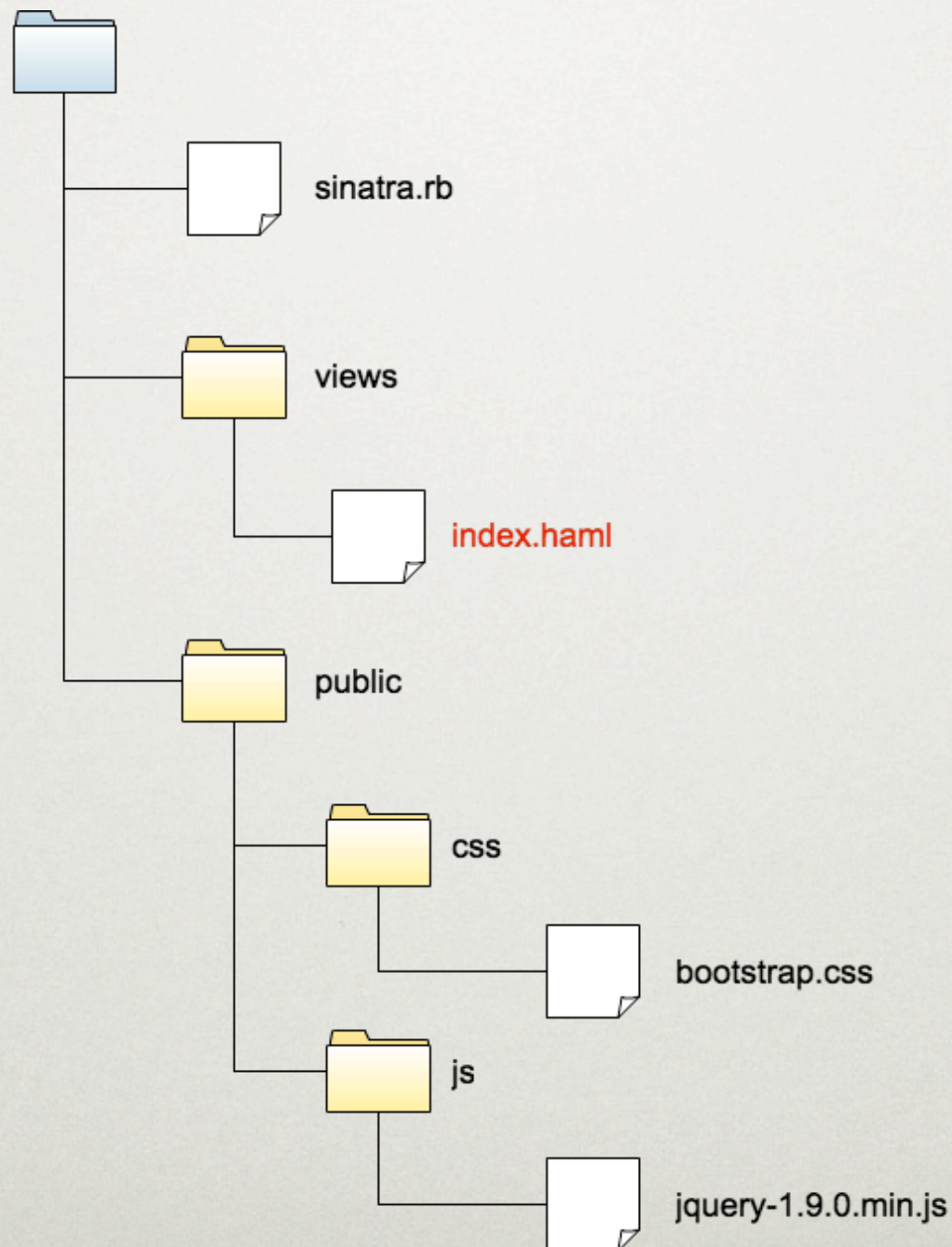


```
<html>
  <head>
    <title>
      Haml Sample
    </title>
  </head>
  <body>
    Hello Haml!
  </body>
</html>
```



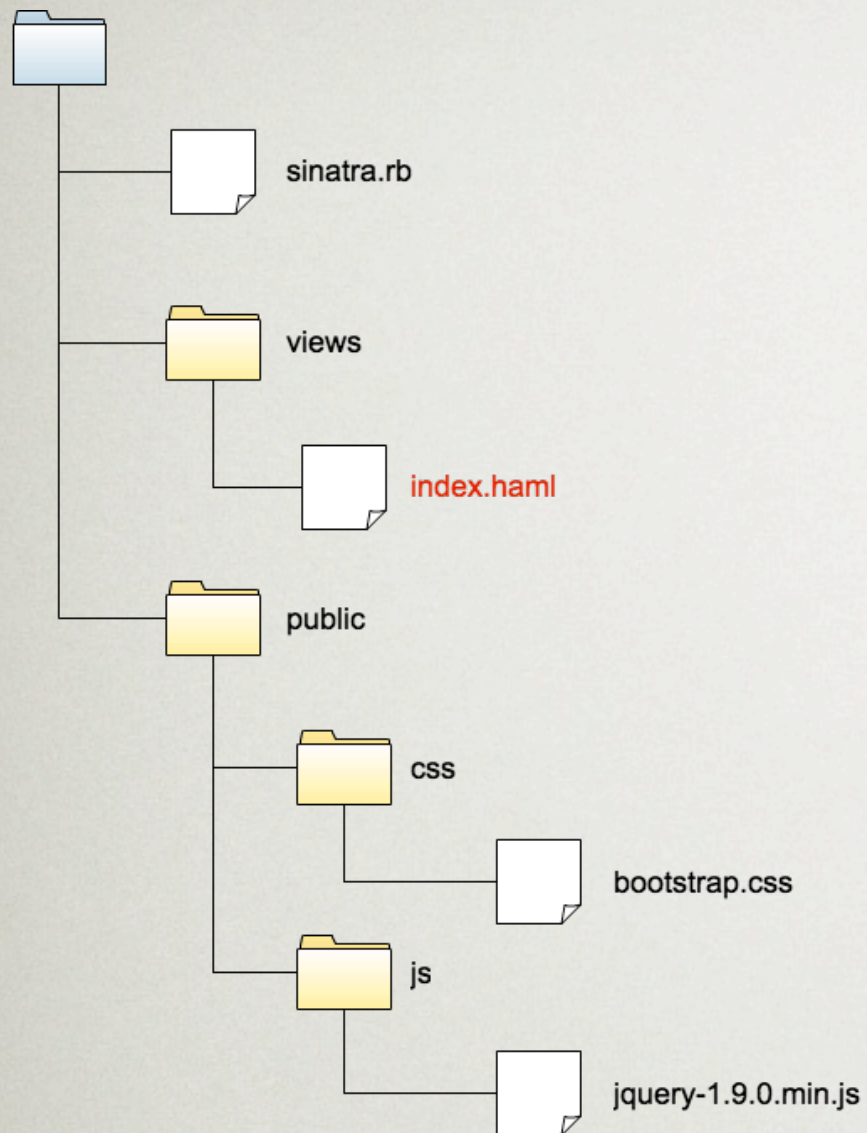
# SINATRA WITH HAML

<https://github.com/kaakaa/SinatraBenkyou1>



<http://twitter.github.io/bootstrap/>





## sinatra.rb

```
#coding: utf-8
```

```
require 'sinatra'
```

```
require 'haml'
```

```
get '/' do
```

```
  redirect '/Sinatra/'
```

```
end
```

```
get('/:name/' do
```

```
  @display_name = params[:name]
```

```
  haml :index
```

```
end
```

```
post '/hello' do
```

```
  @name = params[:name]
```

```
  if @name.nil? then
```

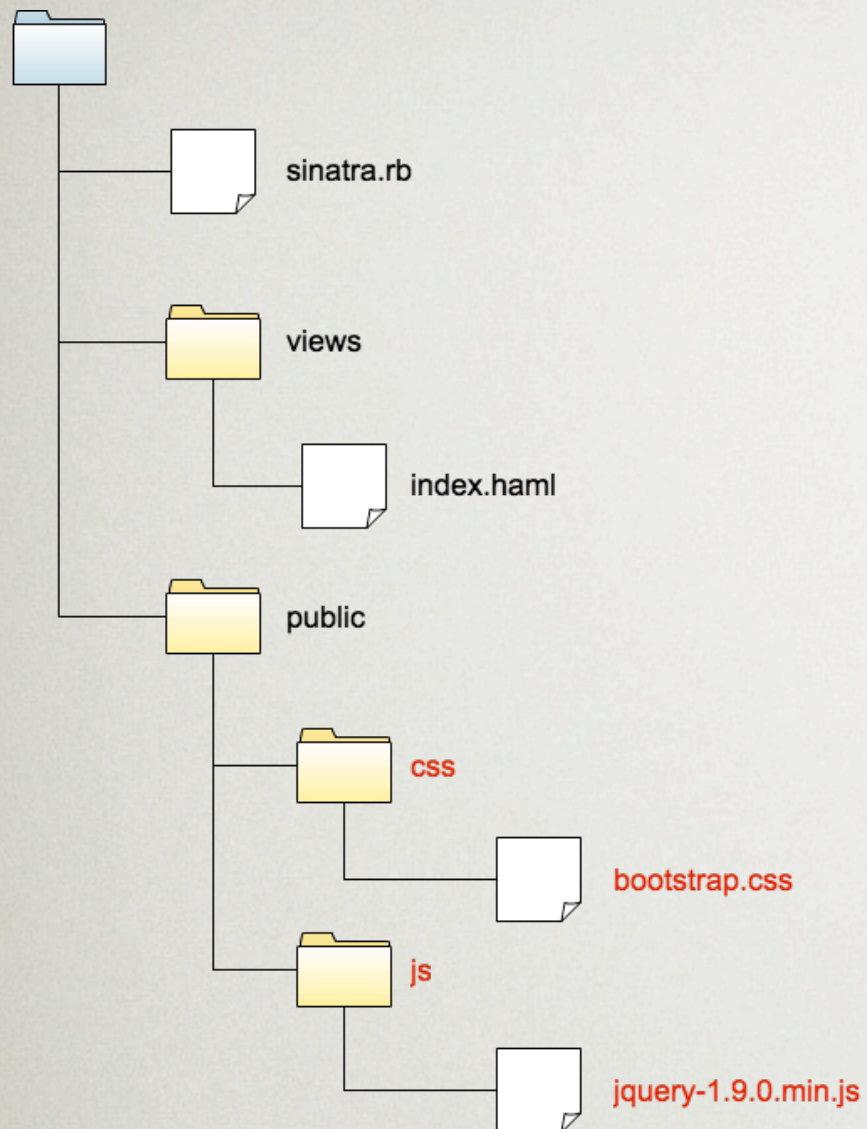
```
    @name = "Sinatra"
```

```
  end
```

```
  redirect '/' + @name + '/'
```

```
end
```





## index.haml

```
%html
```

```
%head
```

```
%title
```

```
  Haml Sample
```

```
%meta{ :charset => "utf-8" }
```

```
%script{ :src => "/js/jquery-1.9.0.min.js" }
```

```
%link{ :rel => "stylesheet", :href => "/css/bootstrap.css" }
```

```
%body
```

```
%div.input-append
```

```
%h3
```

```
  INPUT YOUT NAME!
```

```
%form{ :method => "post", :action => "/hello" }
```

```
%input{ :type => "text", :name => "name",
```

```
          :class => "span2" }
```

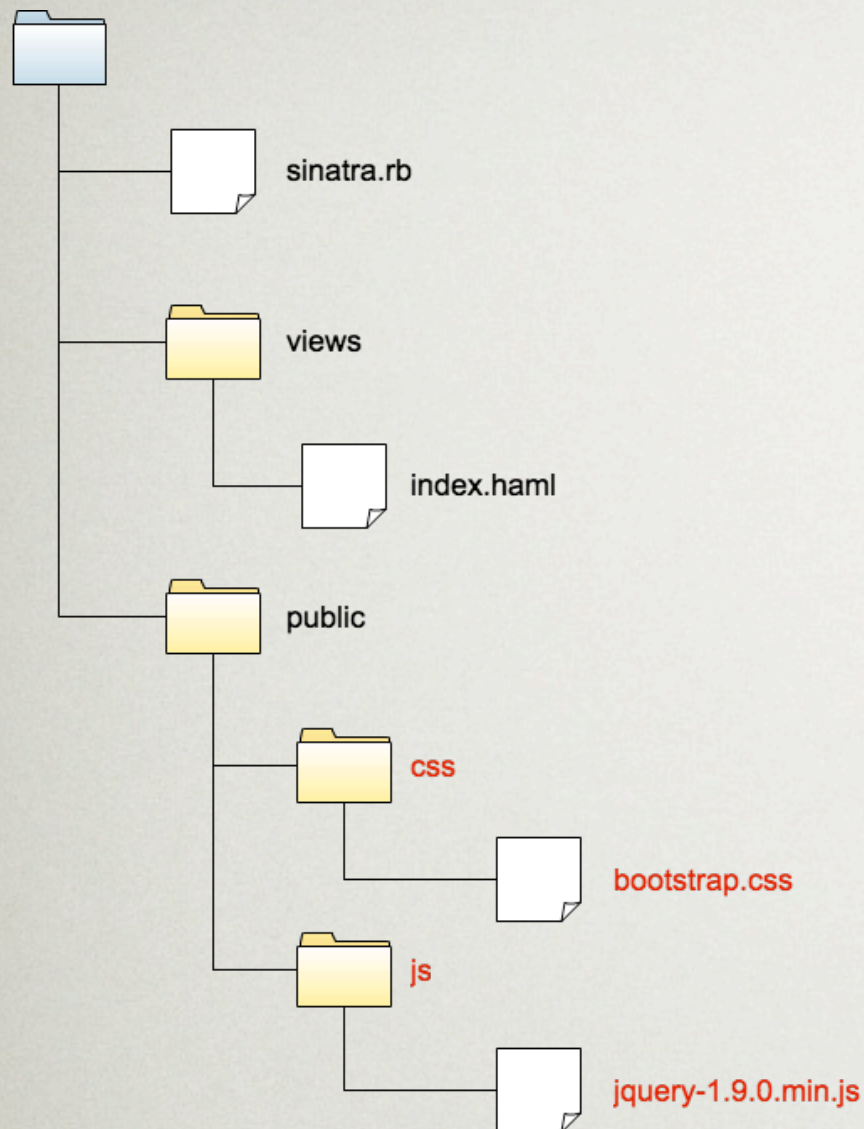
```
%input{ :type => "submit", :value => "SEND",
```

```
          :class => "btn btn-small" }
```

```
%h2
```

```
  = "Hello " + @display_name.to_s + " !"
```





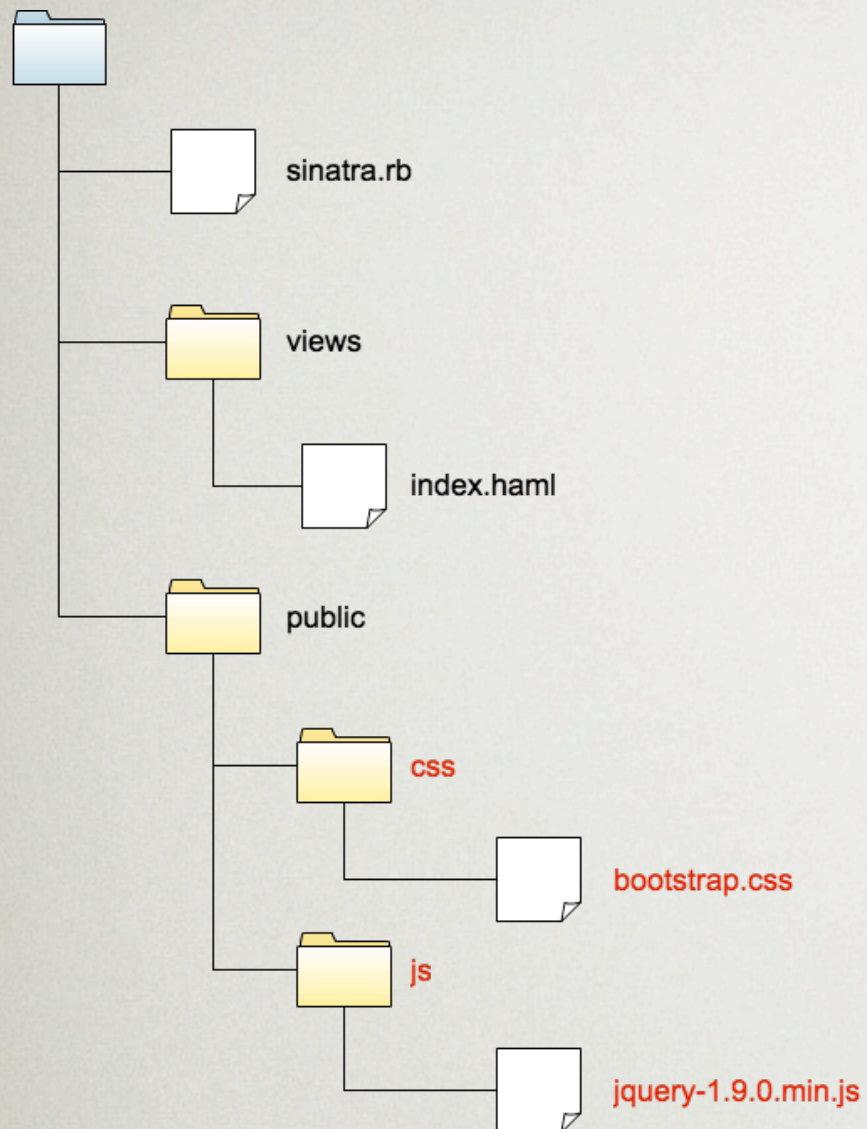
## index.haml

```
%html
%head
%title
  Haml Sample
%meta{ :charset => "utf-8" }
%script{ :src => "/js/jquery-1.9.0.min.js" }
%link{ :rel => "stylesheet", :href => "/css/bootstrap.css" }
%body
%div.input-append
%h3
  INPUT YOUT NAME!
%form{ :method => "post", :action => "/hello" }
%input{ :type => "text", :name => "name",
      :class => "span2" }
%input{ :type => "submit", :value => "SEND",
      :class => "btn btn-small" }
%h2
  = "Hello " + @display_name.to_s + " !"
```

**INPUT YOUT NAME!**

**Hello sinatra !**





```
%form{ :method => "post", :action => "/hello" }  
  %input{ :type => "text", :name => "name",  
          :class => "span2" }  
  %input{ :type => "submit", :value => "SEND",  
          :class => "btn btn-small" }
```

```
post '/hello' do  
  @name = params[:name]  
  if @name.nil? then  
    @name = "Sinatra"  
  end  
  redirect '/' + @name + '/'  
end
```

**INPUT YOUT NAME!**

**Hello sinatra !**





<https://github.com/kaakaa/Sinatra-Benkyou2>

# ACTIVE RECORD

Design Pattern

O/R Mapper

1Record = 1Object



# HISTORY RECORD

NAME	DATE_TIME
Sinatra	2013/05/14 00:00:00
foo	2013/05/14 00:00:01
bar	2013/05/14 00:00:02





```
sinatra.rb(partially)
```

```
require 'active_record'
```

```
ActiveRecord::Base.configurations = YAML.load_file('database.yml')
```

```
ActiveRecord::Base.establish_connection('development')
```

```
class History < ActiveRecord::Base
```

```
end
```

database.yml

```
development:
```

```
  adapter: sqlite3
```

```
  database: db/benkyo.db
```



```
sinatra.rb(partially)
```

```
require 'active_record'
```

```
ActiveRecord::Base.configurations = YAML.load_file('database.yml')
```

```
ActiveRecord::Base.establish_connection('development')
```

```
class History < ActiveRecord::Base
```

```
end
```

database.yml

development:

adapter: sqlite3

database: db/benkyo.db

NAME	DATE_TIME
Sinatra	2013/05/14 00:00:00
foo	2013/05/14 00:00:01
bar	2013/05/14 00:00:02

**HISTORY**





```
sinatra.rb(partially)
```

```
require 'active_record'
```

```
ActiveRecord::Base.configurations = YAML.load_file('database.yml')
```

```
ActiveRecord::Base.establish_connection('development')
```

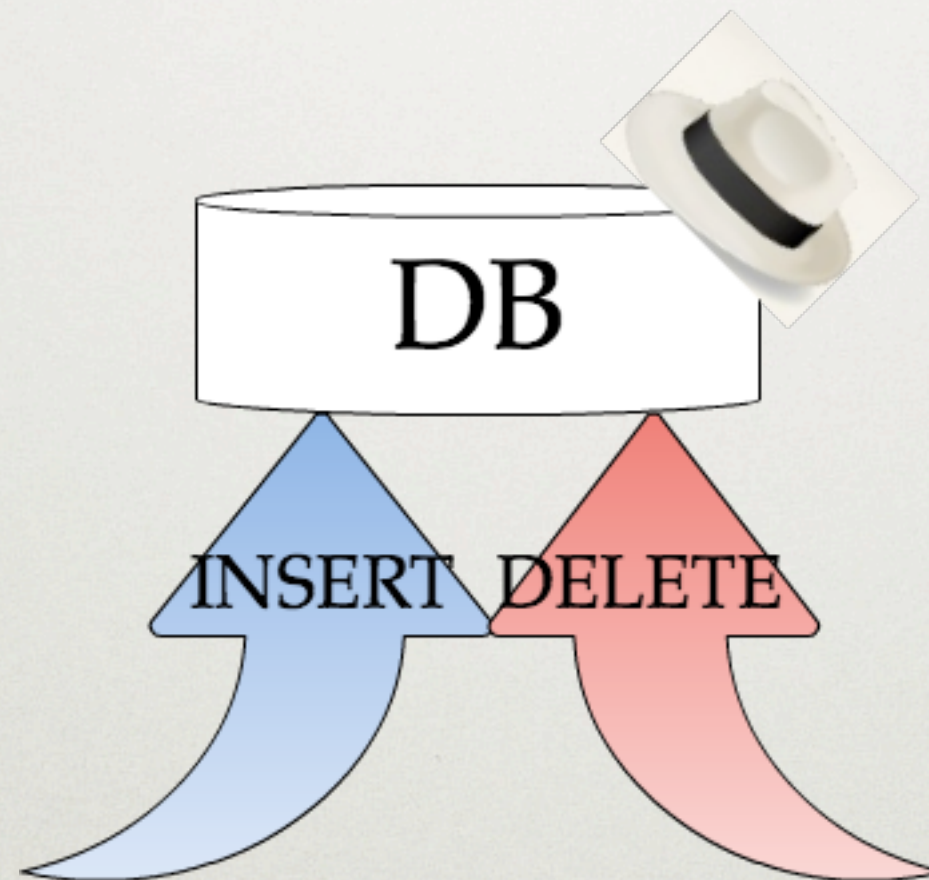
```
class History < ActiveRecord::Base
```

```
end
```

```
development:
```

```
  adapter: sqlite3
```

```
  database: db/benkyo.db
```



```
history = History.new  
history.name = @name  
history.date_time = @date_time  
history.save
```

```
history = History.find('2013/05/14 00:00:00')  
history.destroy
```

```
History.destroy_all
```



sinatra.rb(partially)

```
get '/' do
  redirect '/Sinatra/'
end

get '/:name/' do
  @display_name = params[:name]
  @histories = History.all

  haml :index
end
```

index.haml(partially)

```
%h3
  HISTORY

  -@histories.each do |history|
    %div
      = history.date_time
      = history.name
```

**INPUT YOUT NAME!**

SEND

**Hello Sinatra !**

**HISTORY**

2013/04/24 21:06:21 Sinatra  
2013/04/24 21:06:24 Test  
2013/04/24 21:06:27 Sample  
2013/04/24 21:06:29 nemoto  
2013/04/24 21:06:32 Sinatra

DELETE



```
sinatra.rb(partially)
```

```
post '/* /hello' do
```

```
  @name = params[:name]
```

```
  if @name.nil? then
```

```
    @name = "Sinatra"
```

```
  end
```

```
  day = Time.now
```

```
  date_time =
```

```
    day.strftime("%Y / %m / %d %H:%M:%S")
```

```
  history = History.new
```

```
  history.name = @name
```

```
  history.date_time = @date_time
```

```
  history.save
```

```
  redirect '/' + @name + '/'
```

## INPUT YOUT NAME!

## Hello Sinatra !

### HISTORY

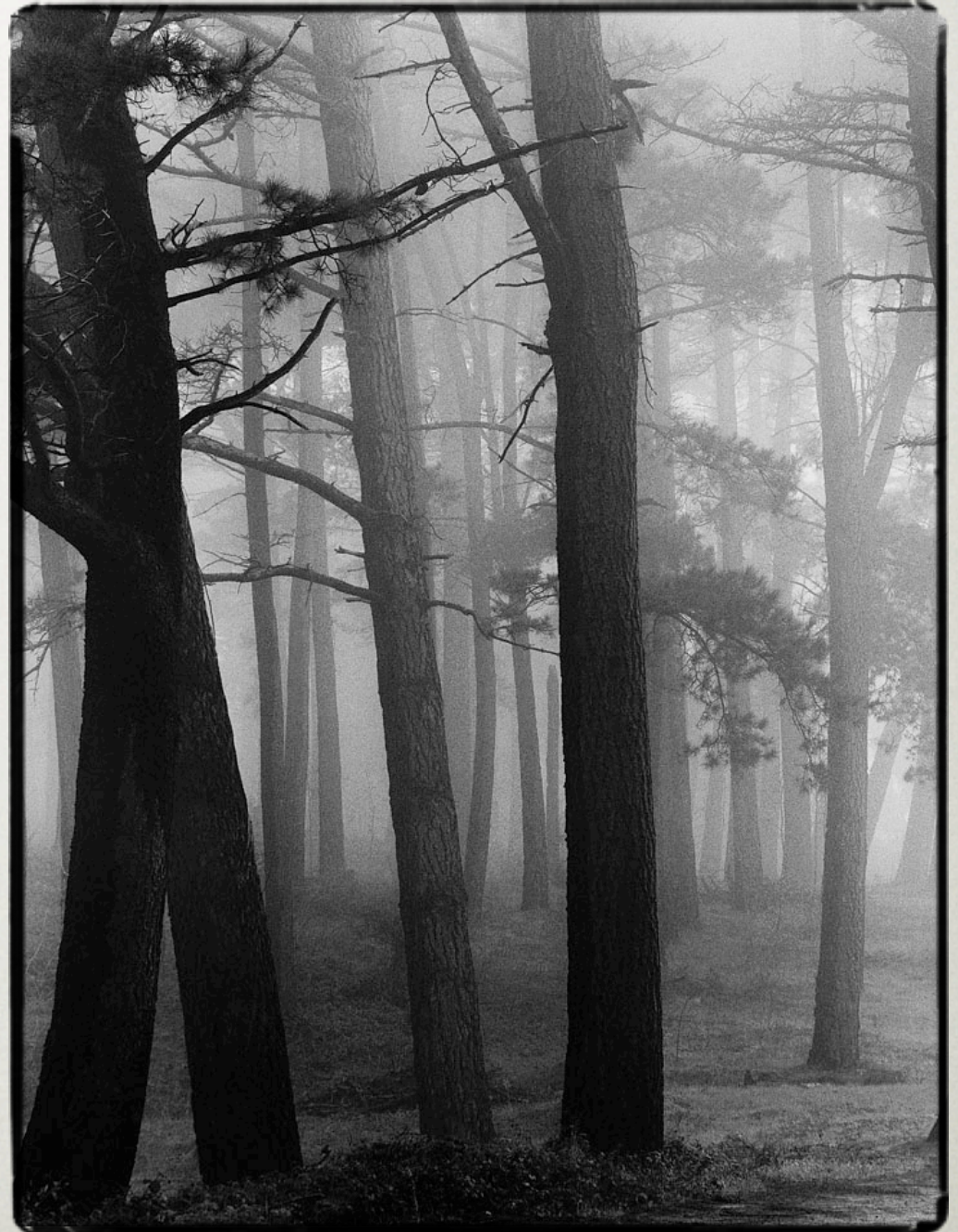
2013/04/24 21:06:21 Sinatra  
2013/04/24 21:06:24 Test  
2013/04/24 21:06:27 Sample  
2013/04/24 21:06:29 nemoto  
2013/04/24 21:06:32 Sinatra



# SUMMARY

---

- Hello Sinatra
  - 簡単
- View (Haml)
  - 楽
- DB(Active Record)
  - 楽





# SUMMARY

---

怠惰



# BUNDLE

## Gemfile

```
source "https://rubygems.org"
```

```
ruby '2.0.0'
```

```
group :development, :test do
```

```
  gem "sqlite3", '1.3.7'
```

```
  gem "dm-sqlite-adapter"
```

```
end
```

```
gem "activerecord"
```

```
gem "sinatra",
```

```
  git: 'https://github.com/juanpastas/sinatra.git'
```

```
gem "haml"
```

```
bundle install --path vendor/bundle
```

```
bundle exec ruby sinatra.rb
```



感想



# 感想

---

- Ruby周りは楽
- ただ、楽過ぎて怖い
- テスト環境ならOK?
- 本棚アプリ...

