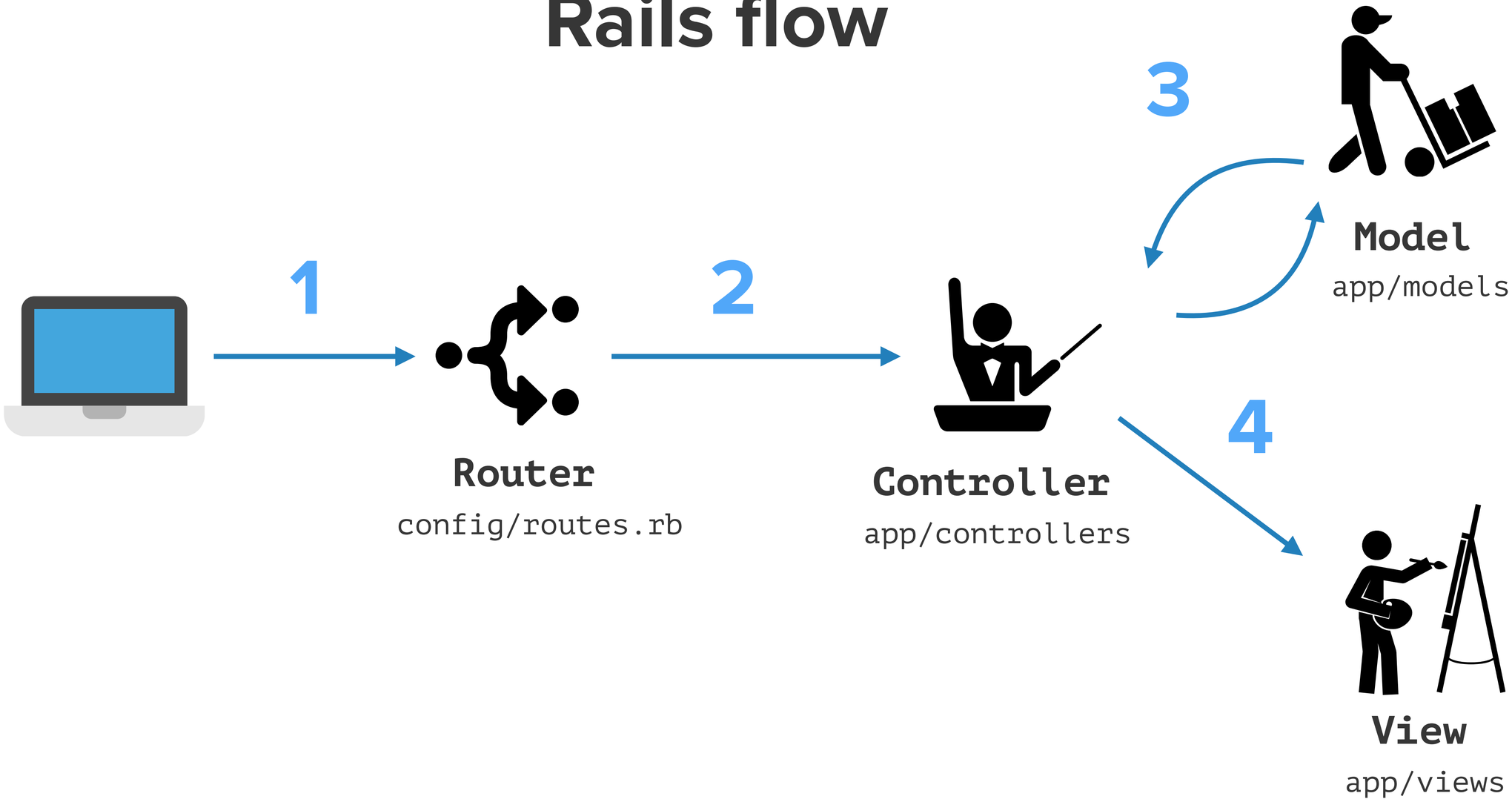
Rails Routing

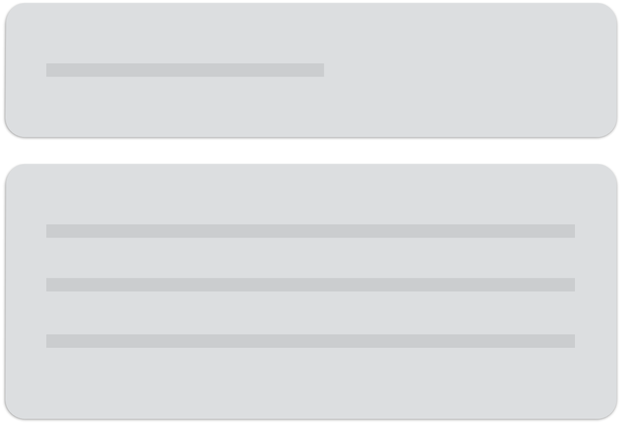
(Rails)

Rails flow


1
2
3
4
Router
config/routes.rb
Controller
app/controllers
Model
app/models
View
app/views

HTTP request?

some link

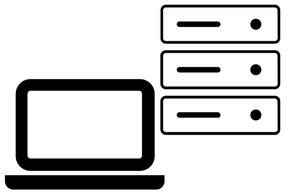


HTTP basics

A protocol to transfer **resources**

Based on a system of **request / response**

Between 2 machines, **a client and a server**



HTTP request is MORE THAN a **URL**

HTTP request is MORE THAN a **URL**

HTTP request is **4 things**

1 - HTTP verb (GET / POST / PATCH / DELETE)

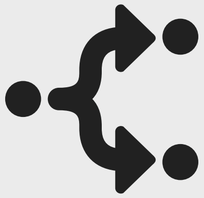
2 - URL

3 - headers

4 - body (not always)

Rails routing

GET /home

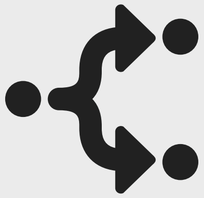


```
get “home” => “pages#home”
get “team” => “pages#team”
get “products” => “products#index”
post “products” => “products#create”
```

```
PagesController
  def home
    …
  end
```

Rails routing

GET /team

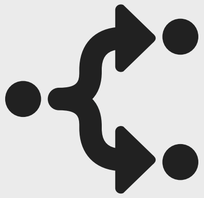


```
get “home” => “pages#home”

get “team” => “pages#team”

get “products” => “products#index”

post “products” => “products#create”
```

```
PagesController

  def home
    …
  end
  def team
    …
  end
```

Rails routing

GET /products



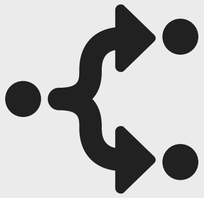
```
get “home” => “pages#home”

get “team” => “pages#team”

get “products” => “products#index”

post “products” => “products#create”
```

PagesController

```
ProductsController

def index
  …
end
```

Rails routing

POST /products



```
get “home” => “pages#home”

get “team” => “pages#team”

get “products” => “products#index”

post “products” => “products#create”
```

```
PagesController
```

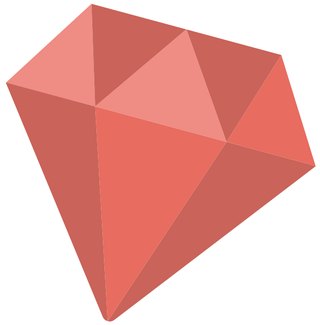
```
ProductsController

  def index
    …
  end
  def create
    …
  end
```

Action/View convention

```
PagesController  ──────────→  views/pages
  def home  ──────────────────→  home.html.erb
    ...
  end
  def team  ──────────────────→  team.html.erb
    ...
  end
```

ERB

Embedded **R**u**b**y



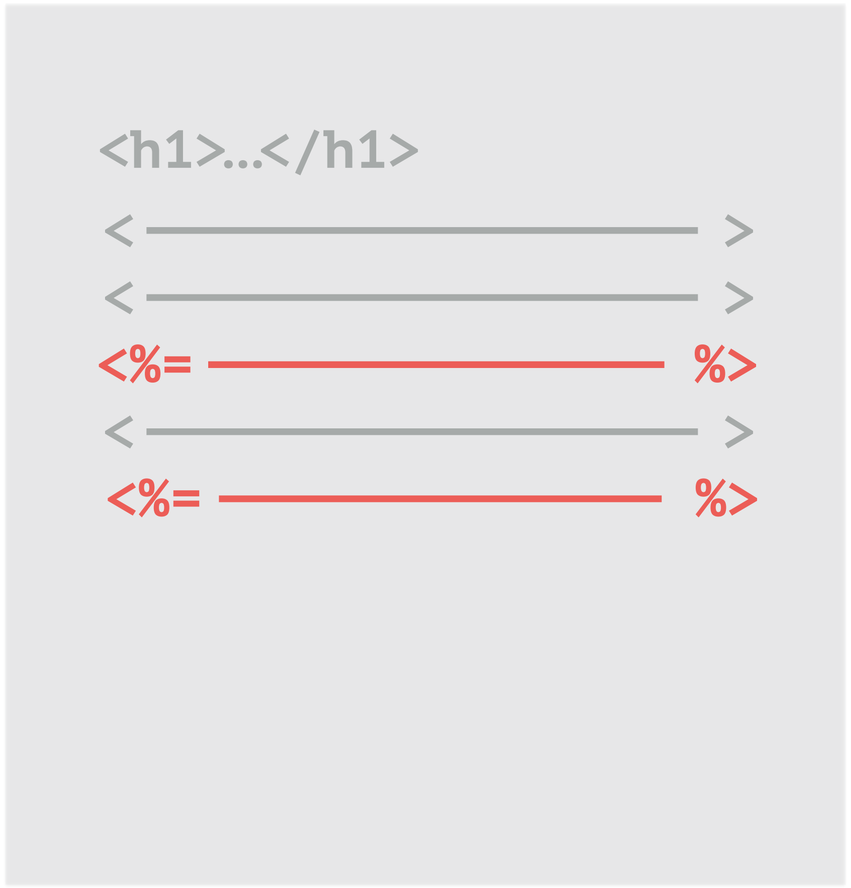
+

=

file.html

```
<h1>...</h1>
<————————————————————————————>
<————————————————————————————>
<————————————————————————————>
<————————————————————————————>
<————————————————————————————>
```

file.html**.erb**



```
<h1>...</h1>
<————————————————————————————>
<————————————————————————————>
<%= ———————————————————————— %>
<————————————————————————————>
<%= ———————————————————————— %>
```

Instance variables

PagesController

```
def home
  @time = Time.now
end
```

pages/home.html.**erb**

```
<h1>...</h1>
<%= @time %>
```

Congratz!

That was the hardest part :)