ADVANCED PATTERNS

WEBSITE - CODE REPETITION

- blog-posts **X** posts
- playlist **X** tracks
- portfolio **X** pictures
- pricing **X** products

TEMPLATES - LOCAL DATA

- Mini text-databases easy to maintain
- Add a magic folder `data` (same level as `source`)
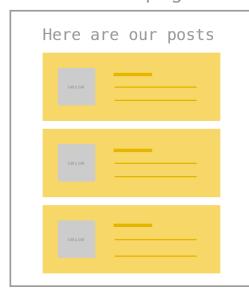- Create as many `source/data/database.yml` as you want

YAML FORMAT

key-value structured text files based on **indentation**

```yaml
# products.yml
- name: Styl.smart
  picture: http://placehold.it/150x150
  summary: The <strong>smartest</strong> Stylus.<br>Write no
  price: 199€
- name: Styl.speed
  picture: http://placehold.it/150x150
  summary: The <strong>quickest</strong> Stylus.<br>Write tex
  price: 299€
```

TEMPLATES - LOOP

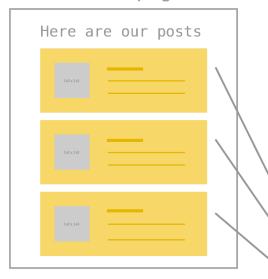### index page

Here are our posts

data/posts.yml

```
- name: 'Amazing blogpost'
  picture: `some_url.png`
  summary: "in this post, you'll discover amazing.."
- name: 'Fantastic reading'
  picture: `other_url.png`
  summary: "in this reading, you'll discover fantastic.."
```

index.html.erb

```erb
<h1>Here are our posts</h1>

<% data.posts.each do |post| %>
<div>
  <%= image_tag post.picture %>
  <h2><%= post.name %></h2>
  <p><%= post.summary %></p>
</div>
<% end %>
```

SYNTAX EXAMPLE

```erb
<!-- pricing.html.erb -->
<div class="container" id="pricing">
  <div class="row">
    <% data.products.each do |product| %>
      <div class="col-md-6 text-center">
        <%= image_tag product.picture, class: "img-circle" %>
        <h2><%= product.name %></h2>
        <p><%= product.summary %></p>
      </div>
    <% end %>
  </div>
</div>
```

TEMPLATES - PARTIALS

index page

Here are our posts

data/posts.yml

```
- name: 'Amazing blogpost'
  picture: `some_url.png`
  summary: "in this post, you'll discover amazing.."
- name: 'Fantastic reading'
  picture: `other_url.png`
  summary: "in this reading, you'll discover fantastic.."
```

index.html.erb

```
<h1>Here are our posts</h1>

<% data.posts.each do |post| %>
  <%= partial(:summary, locals: {post: post}) %>
<% end %>
```

_summary.html.erb

```
<div class='blog-summary'>
  <%= image_tag post.picture %>
  <h2 class='title'><%= post.name %></h2>
  <p class='description'><%= post.summary %></p>
</div>
```

SYNTAX EXAMPLE

```erb
<!-- pricing.html.erb -->
<div class="container" id="pricing">
  <div class="row">
    <% data.products.each do |product| %>
      <%= partial(:product, locals: {product: product}) %>
    <% end %>
  </div>
</div>
```

```erb
<!-- _product.html.erb -->
<div class="col-md-6 text-center">
  <%= image_tag product.picture, class: "img-circle" %>
  <h2><%= product.name %></h2>
  <p><%= product.summary %></p>
</div>
```

[CHALLENGE]

Challenge 3: create your own database

SASS - UI COMPONENTS MODULES

MODULARITY - BUTTON EXAMPLE

```scss
//components/button.css.scss
.btn-rounded{
  border-radius: 50px;
  padding: 0.3em 1.5em;
}
```

Create you own **re-usable** button module.

MODULARITY - FORM EXAMPLE

```scss
//components/form.css.scss
form{
  padding: 1.5em;
  label{
    font-family: $brandon-light;
    color: $brand-primary;
    font-size: 1.5em;
  }
}
```

Create you own form **re-usable** stylesheet.

MODULARITY == TIME SPEED

- Starting a new project is **1000 times faster**
- You just **pick the modules** you want.

MODULARITY - INSPIRATION

http://codepen.io

- Find a design you like
- Make your own `module.css.scss` out of it

[CHALLENGE]

Challenge 4: build you own UI components modules