

Rendering
on the server-side
with **Express Handlebars**

Agenda

- The problem - why do we need this?
- What is *server side* rendering?
- How to render and template
- Demo (w. logic and file architecture)
- Takeaways

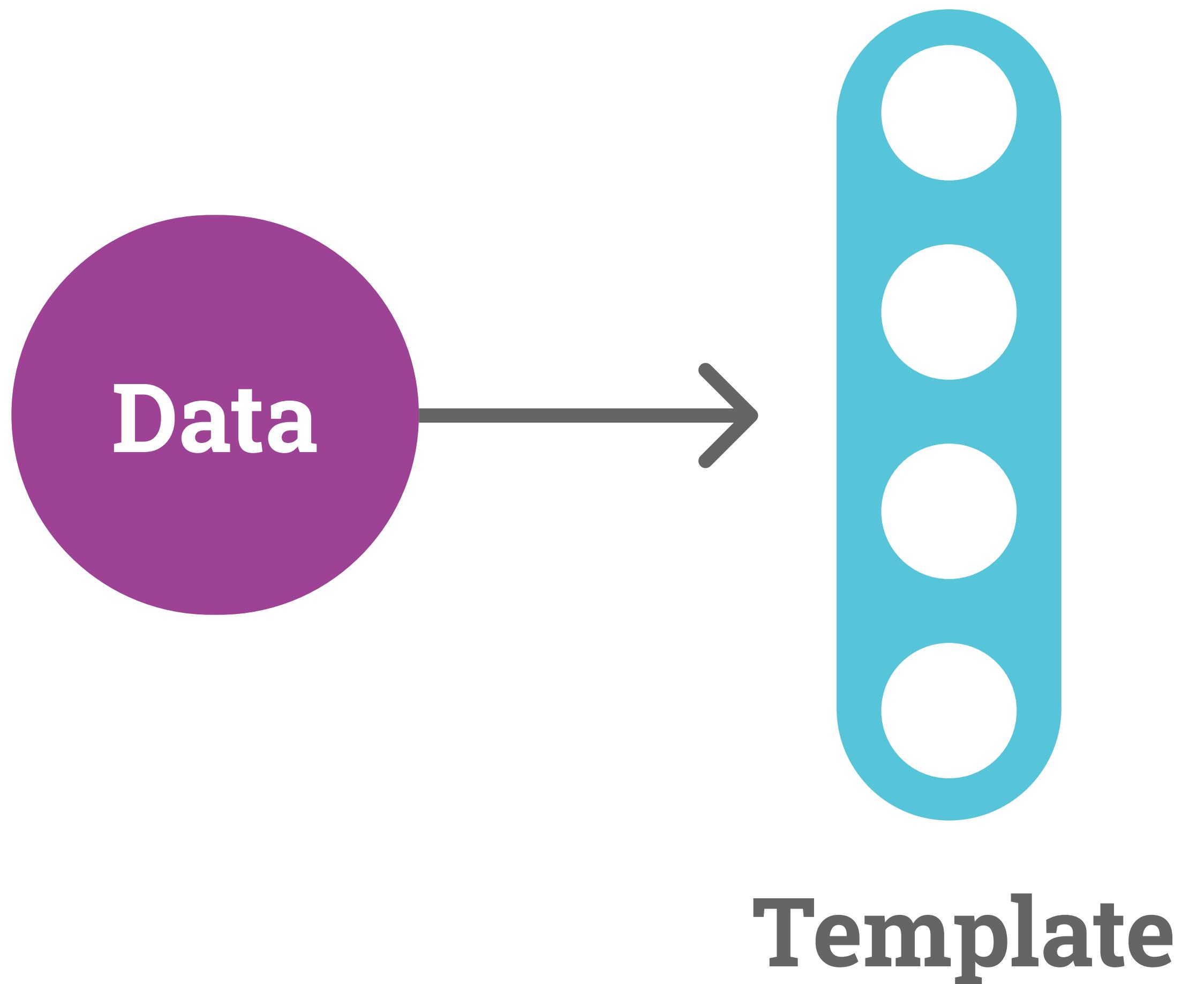
Makes your HTML DRY

- Shared Structure
- Templates for specific pages
- Repeatable page components

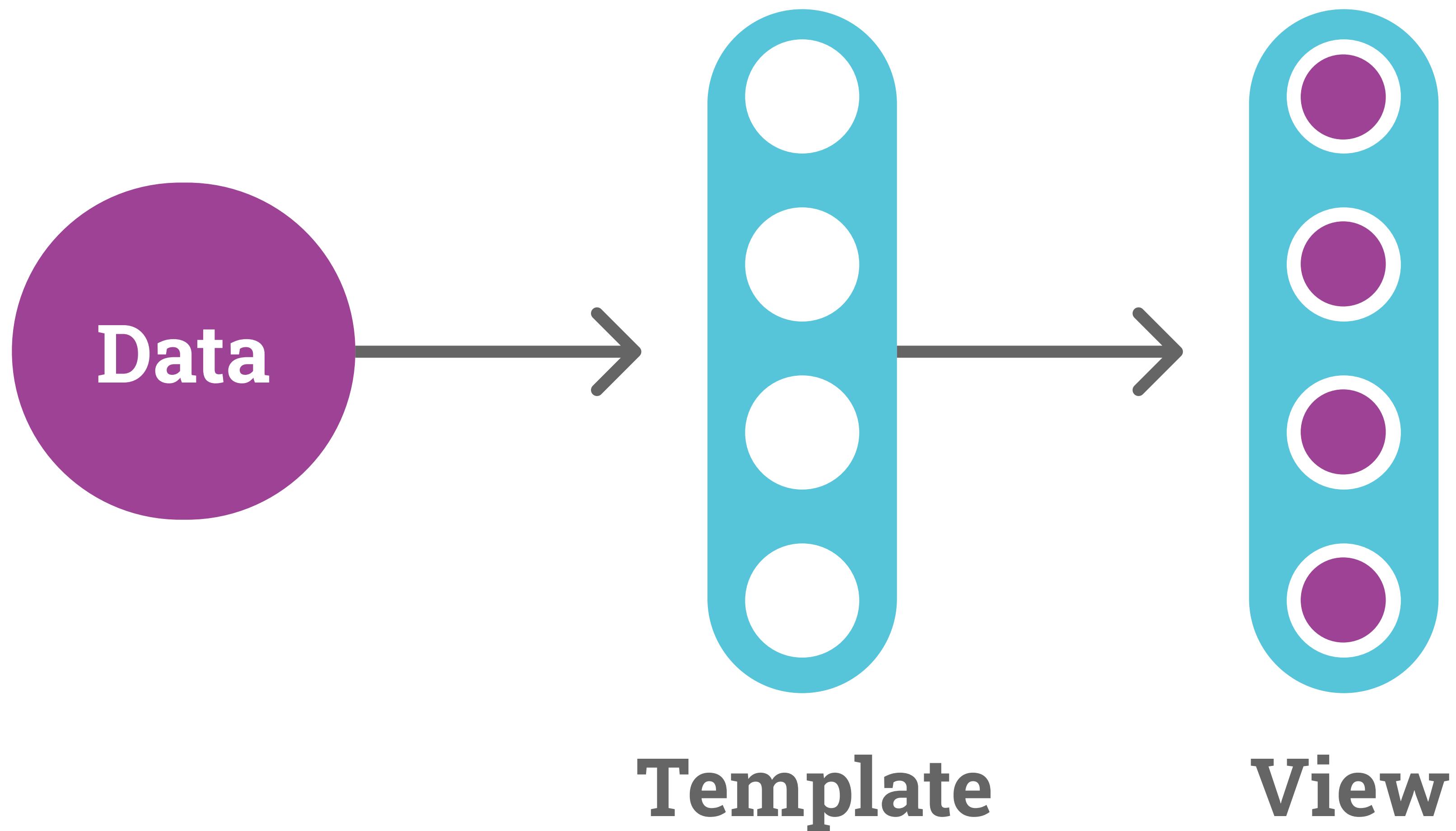
Rendering



Rendering



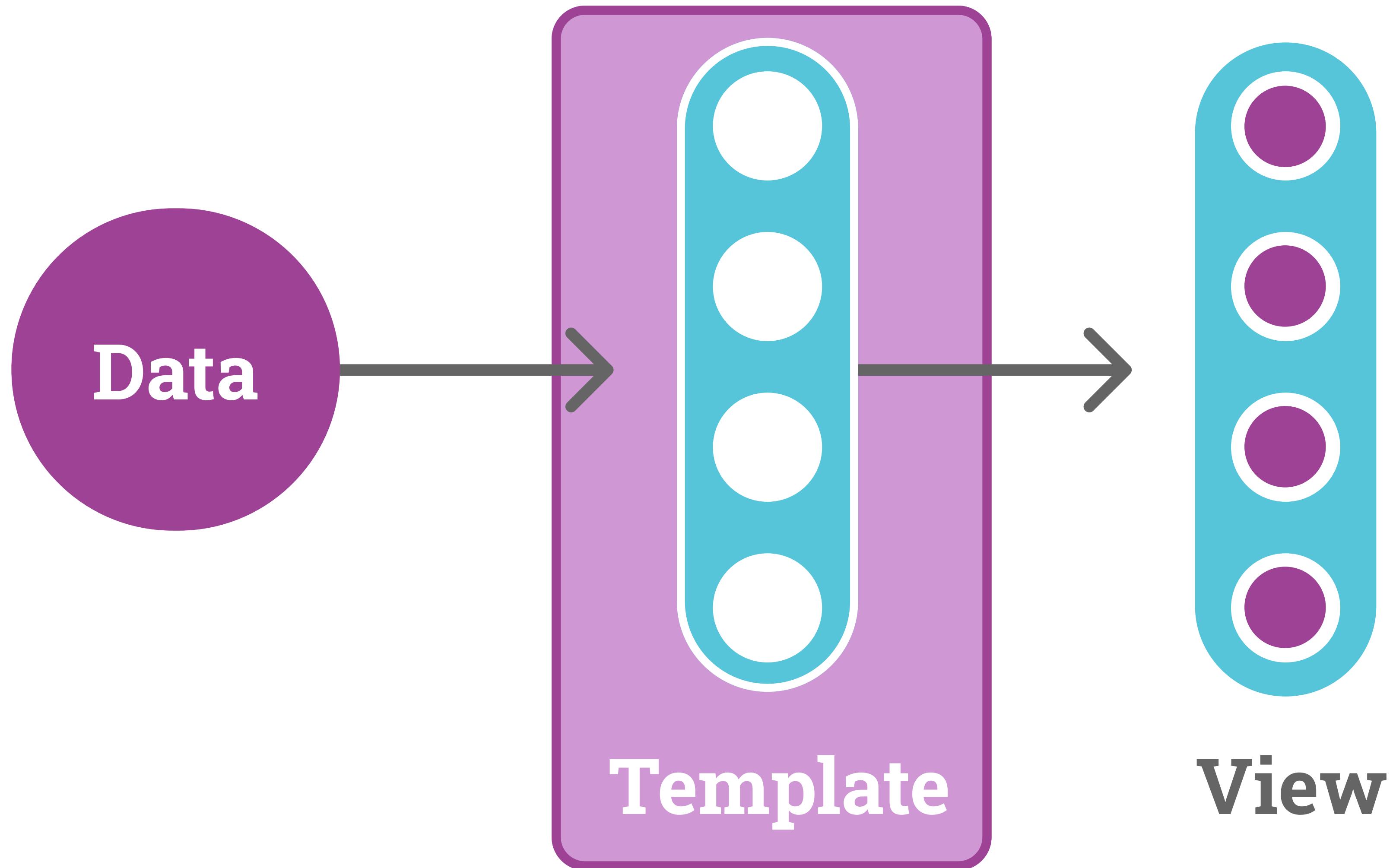
Rendering



What is server-side rendering?

What is server-side rendering?

Rendering



Express Handlebars

views

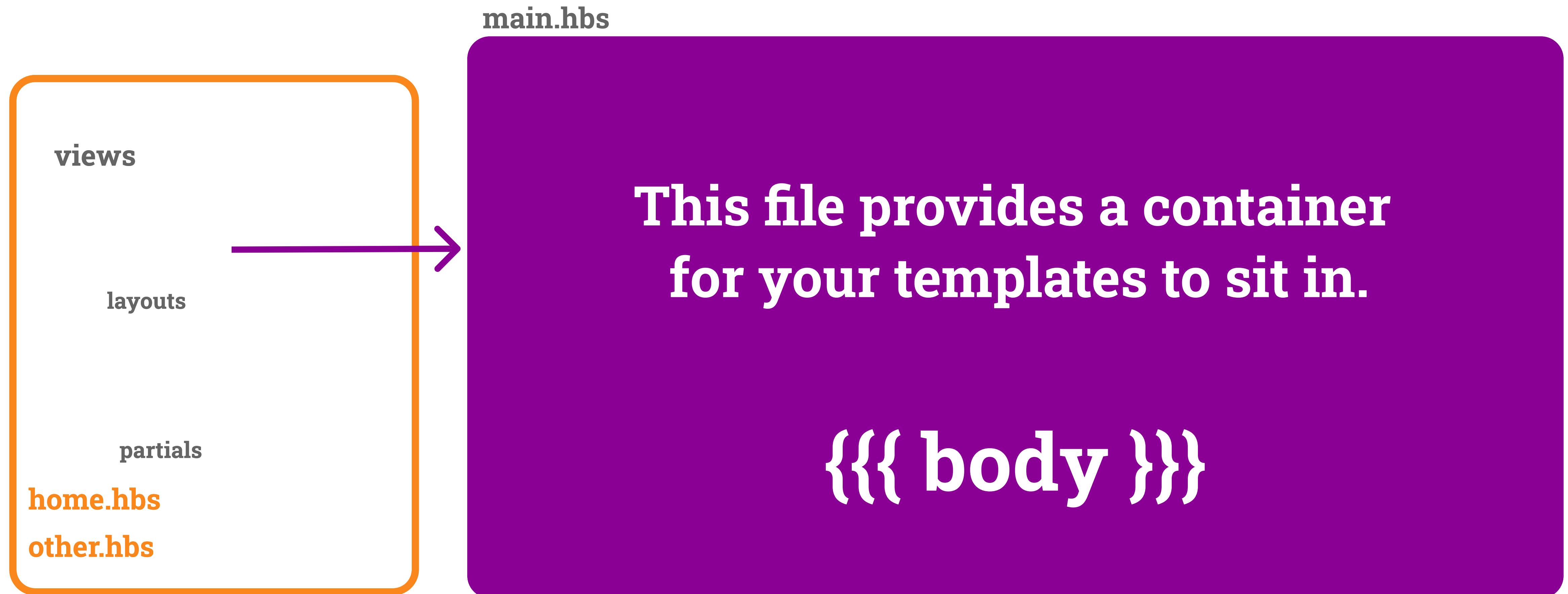
layouts

partials

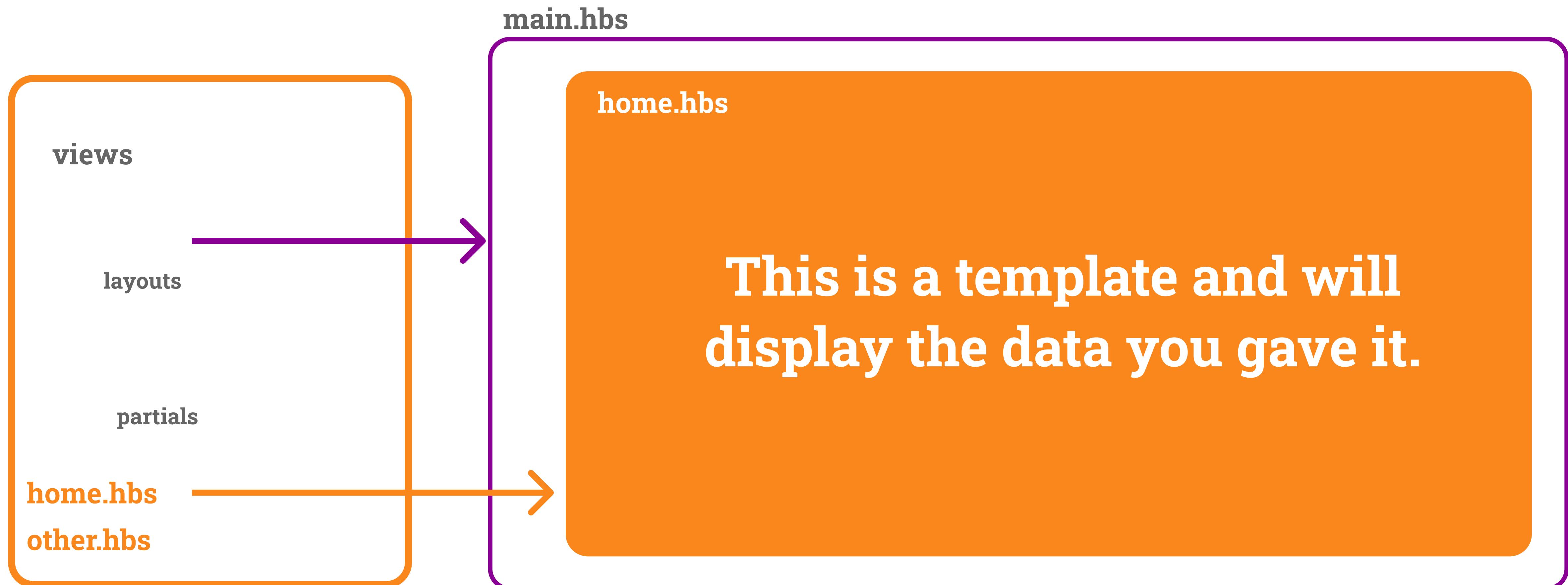
home.hbs

other.hbs

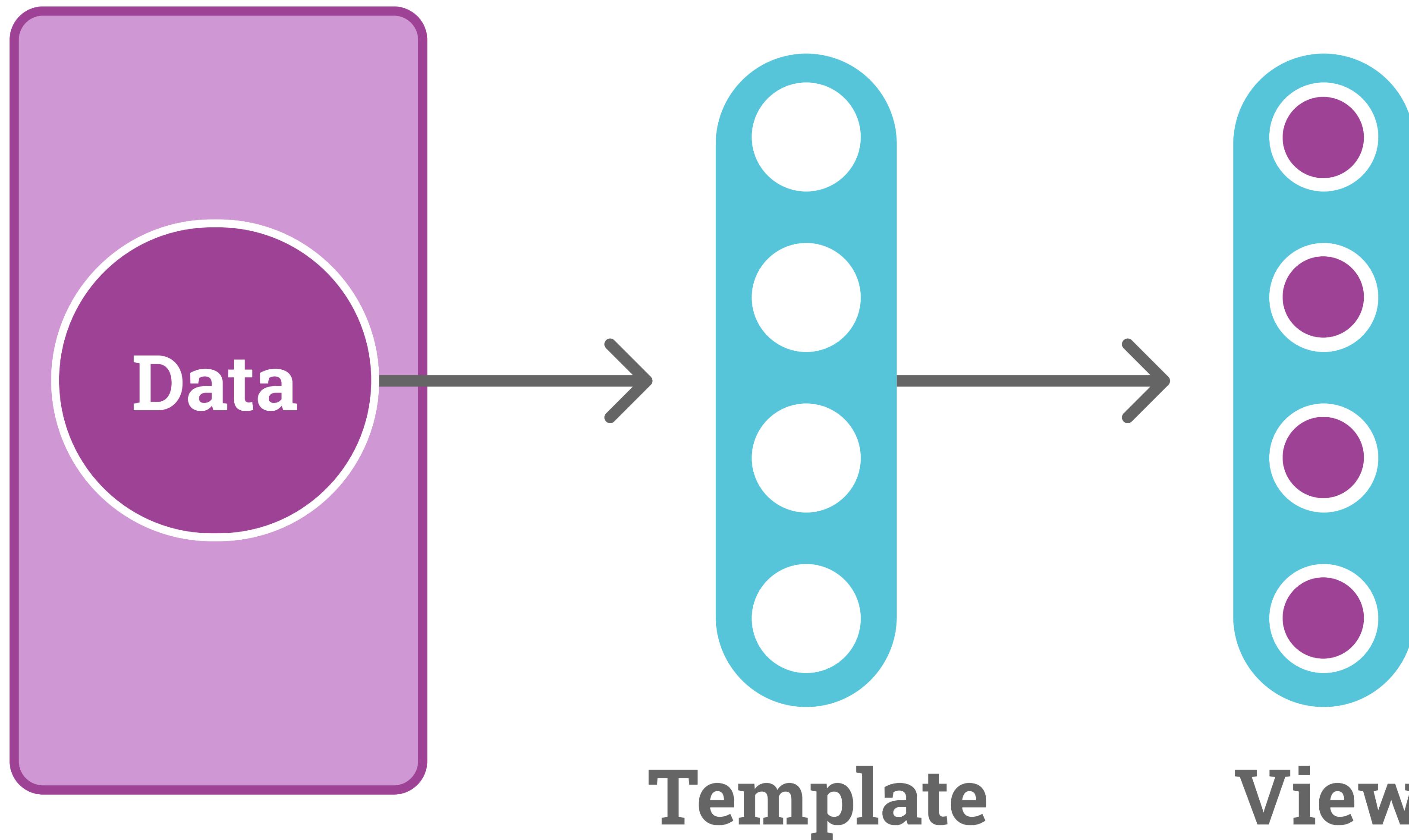
Express Handlebars



Express Handlebars



Rendering



Logic List:

1. Iteration or Loops

Logic List:

1. Iteration or Loops

`{{#each}}`

Logic List:

1. Iteration or Loops

`{{#each}}` `{{/each}}`

Logic List:

1. Iteration or Loops

`{{#each}}` `{{/each}}`

2. Conditional

Logic List:

1. Iteration or Loops

`{{#each}}` `{{/each}}`

2. Conditional

`{{#if}}`

Logic List:

1. Iteration or Loops

`{{#each}}` `{{/each}}`

2. Conditional

`{{#if}}` `{{else}}`

Logic List:

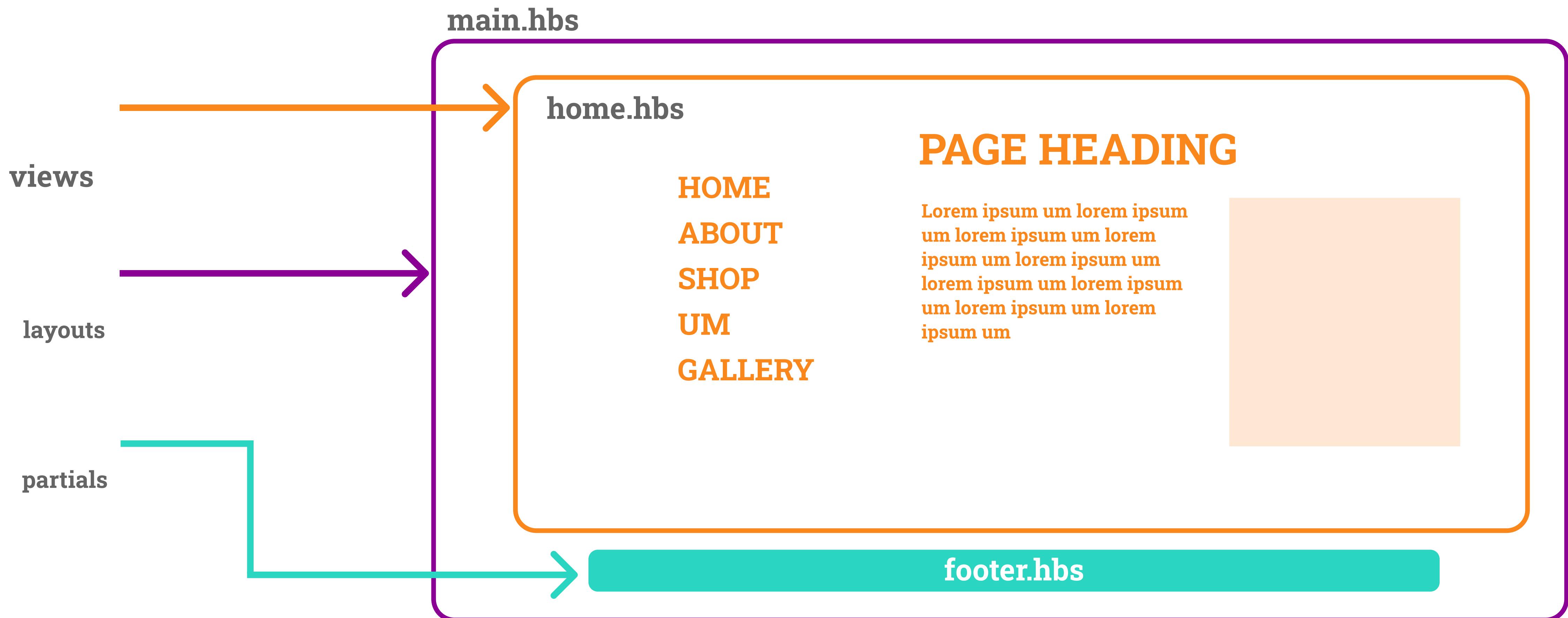
1. Iteration or Loops

`{{#each}}` `{{/each}}`

2. Conditional

`{{#if}}` `{{else}}` `{{/if}}`

Express Handlebars



Takeaways

- Handlebars allows data to be rendered dynamically, using templates, on the server side
- Data: must be shaped carefully into `viewData`
- Templates: Views and partials (wrapped by main)
 - First toe-dip into file architecture
- Logic: loops and conditionals