Defining the Page Structure



Gill Cleeren
CTO XPIRIT BELGIUM

@gillcleeren www.snowball.be

Overview



The HTML content model

Working with semantic elements

Using our code in older browsers



The HTML Content Model



The Old Content Model

Inline

Don't start new line

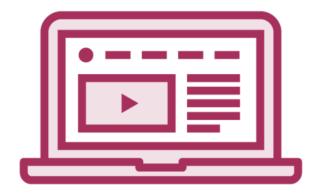
Contains text or other inline elements

Block

Start a new line

Take up all available width



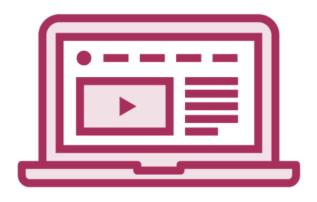


HTML is about giving meaning to content

- Semantic elements

Layout is handled by CSS





Content types

- Metadata
- Flow
- Sectioning
- Phrasing
- Heading
- Embedded
- Interactive



Working with Semantic Elements



The Target Page

Header with navigation

Browse our pies

Search our store

Side bar

Welcome to Bethany's Pie Shop

Our history

For many years, **Bethany** has been baking the most delicious pies at her home. In 2013, we opened our first store in Brussels (Belgium) in a cosy little street near the Grand Market. People from all over the world fell in love with the soft cakes, heavenly cheese cakes, spicy apple pies... *The store became a success in no time.*

In 2015, no less than 100 pies were sold every day and Bethany's Pie Shop moved into a larger building. After receiving many requests, it became clear that our next step was making it possible to order pies from the comfort of your own home and from anywhere in the world. You are now looking at the result of this: our very own webstore, making it possible to order Bethany's delicious pies whenever you feel like it!

Our weekly promotions Main content

Cheese cake

\$12.95 - serves 4

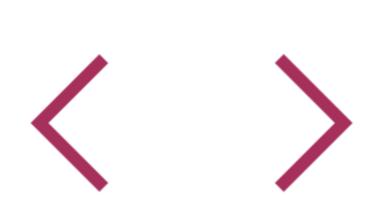


Our address is

Bethany's Pie Shop - Bakery Street 555 Brussels Belgium

Footer







- Used for separating page in different blocks
- Superseded by semantic elements
- Purely used for layout

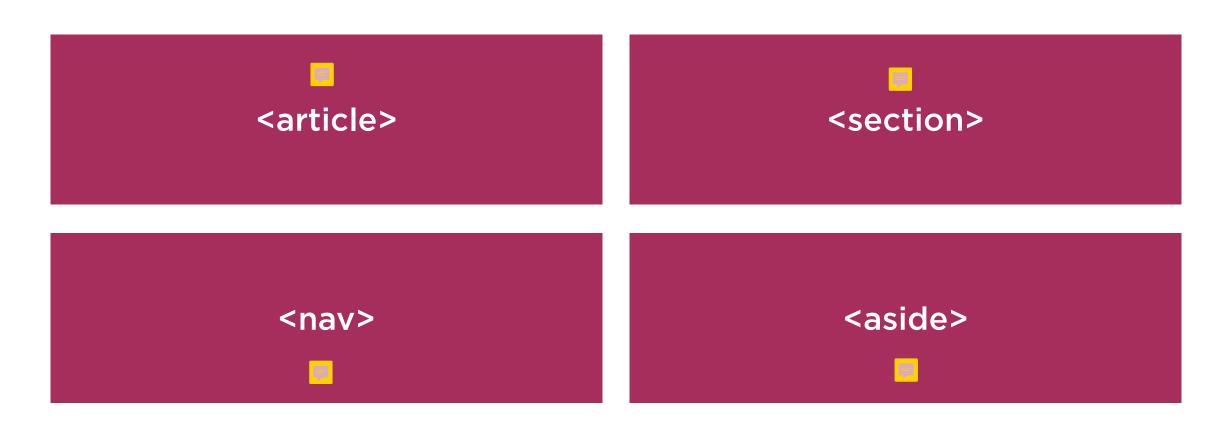


index.html

<div>

```
<div id="header">
<div id="sidebar">
<div id="main">
<div id="footer">
```

Sectioning Semantic Elements



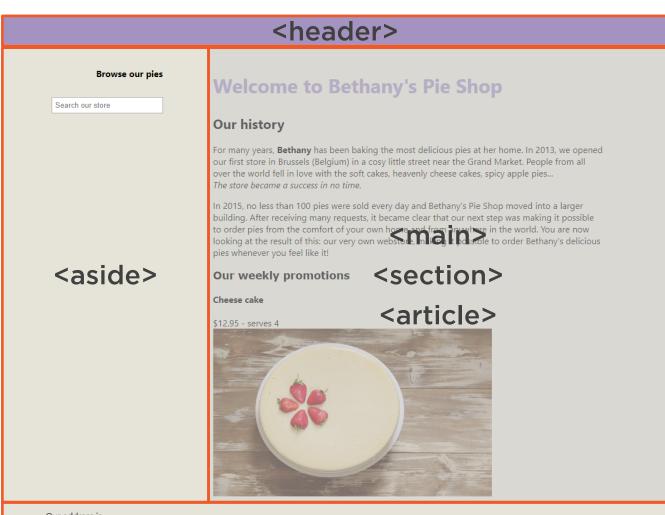


Flow Content Elements





The Target Page



Our address is

Bethany's Pie Shop - Bakery Street 555 Brussels Belgium







What to choose?

Different elements are sometimes closely related

Your page will still work if you choose a different element



Demo



Creating our page outline

Adding the main content



Learning More

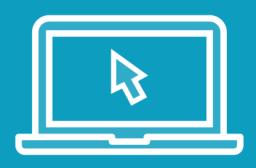


CSS Path:

www.pluralsight.com/paths/css



Demo



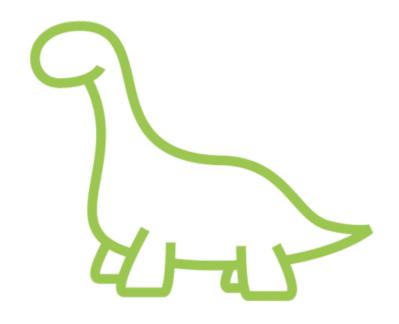
Exploring other site's structure

Using Chrome dev tools



Using Our Code in Older Browsers





Older browsers are still around

Don't know these elements

- Added with HTML5
- Mostly pre-Internet Explorer 9
- Fixed with script

Demo



Making our page work in old browsers



Summary



Semantic elements give meaning to content

Styles are used to apply UI information





Up next: Adding images

