HTML and CSS Basics

Shawn Wildermuth

@shawnwildermuth | wilderminds.com

This Module

HTML and CSS Basics

- How ASP.NET Core serves static files
- What is HTML?
- What is CSS?
- Laying out pages with HTML and CSS

Before you can build dynamic websites, you'll need to understand how layout and composition works.

What Is HTML?

- HyperText Markup Language
  - Angle bracket based structure
  - Derived from SGML

```
<html>
  <head>
  </head>
  <body>
    <h1>Hello World</h1>
  </body>
</html>
```

What Is HTML?

- Angle-Brackets != XML
  - Not case sensitive
  - Mixed closing rules

```
<html>
  <head>
  </head>
  <body>
    <h1>Hello World</h1>
    <script>...</script>
    <img src="..." />
  </body>
</html>
```

Demo

Serving Files in ASP.NET Core

Demo

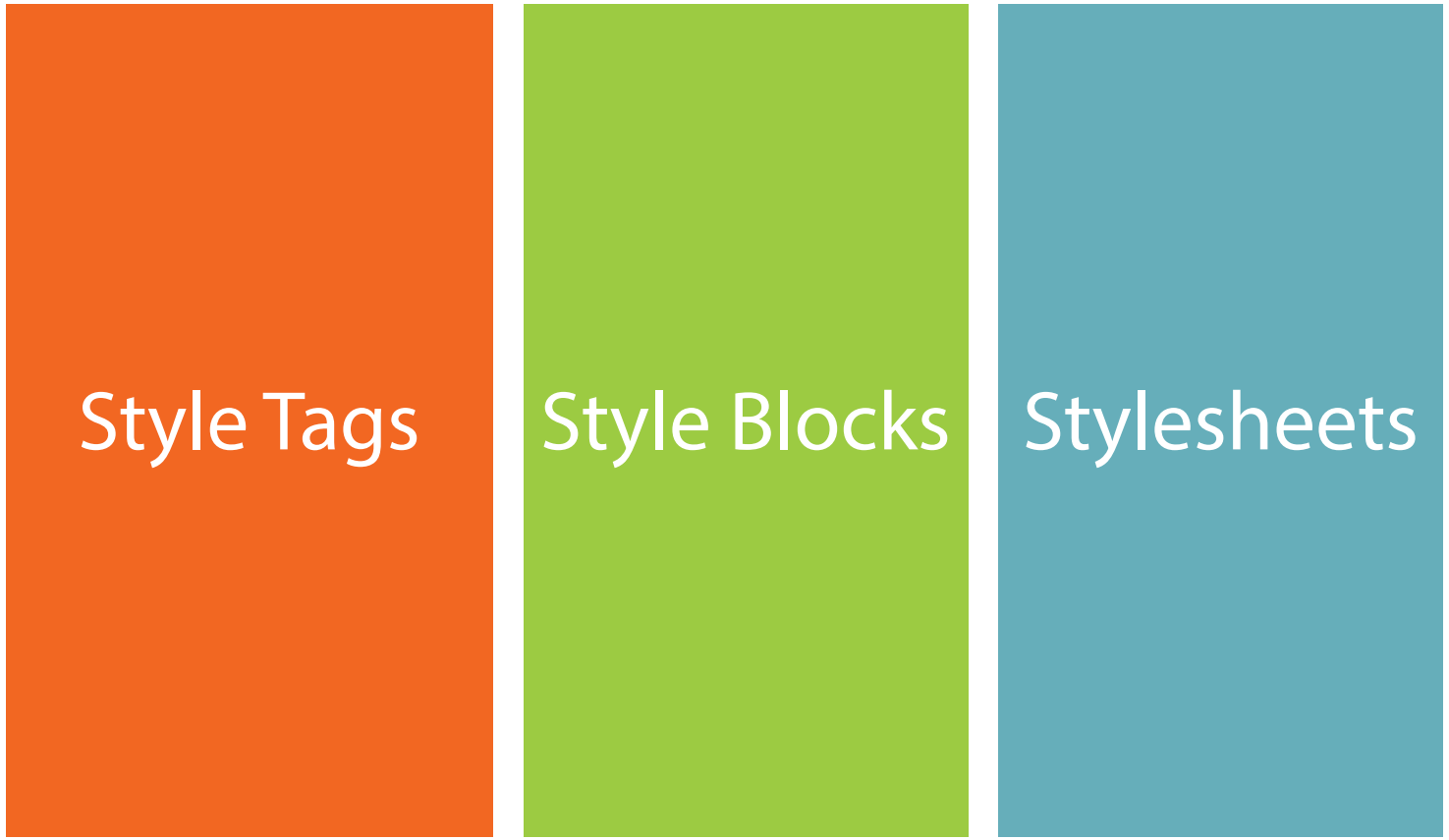
HTML Basics

Demo

HTML Forms

Cascading Style Sheets (CSS) is the design of the page. Separating structure from design is a best practice.

Styling in HTML



Demo

CSS Basics

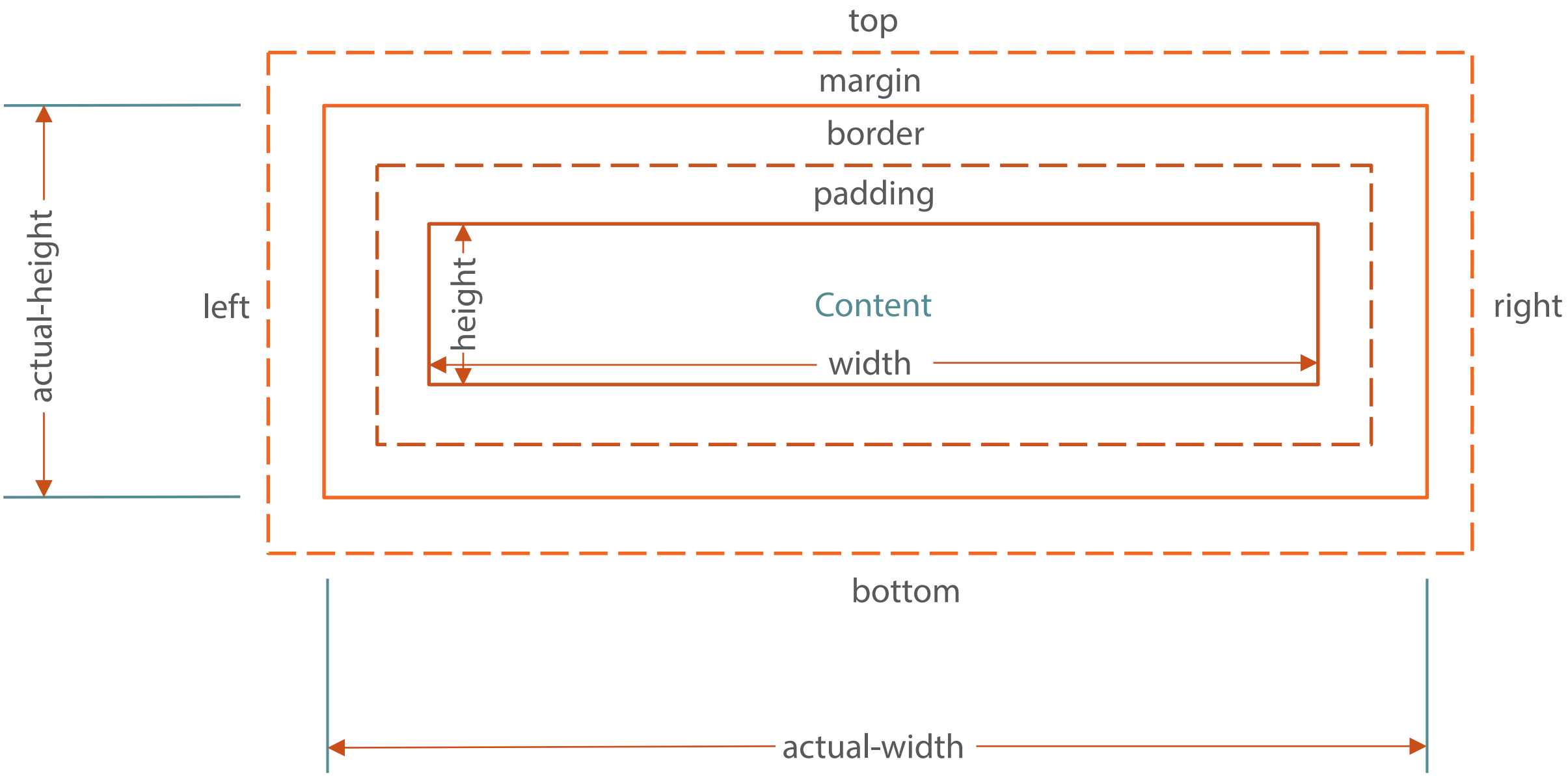
Demo

CSS Selectors

Demo

CSS Naming

The Box Model



Demo

CSS Box Model

Going Deeper

Front-end Web Development Quick Start

www.pluralsight.com/courses/front-end-web-app-html5-javascript-css

CSS In-Depth

www.pluralsight.com/courses/css3-in-depth

What We've Learned

HTML and CSS Basics

HTML is the structure of your page

CSS is the way to render the structure

Keeping them separate is the right way to do it