HTML and CSS Basics

Shawn Wildermuth

@shawnwildermuth | wilderminds.com

This Module

HTML and CSS Basics

- How ASP.NET 5 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
<html>
  <head>
  </head>
  <body>
    <h1>Hello World</h1>
    <script>...</script>
    <img src="..." />
  </body>
</html>
```

Demo

Serving Files in ASP.NET 5

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

Style Tags

Style Blocks

Stylesheets

Demo

CSS Basics

Demo

CSS Selectors

Demo

CSS Naming

The Box Model

top

margin

border

padding
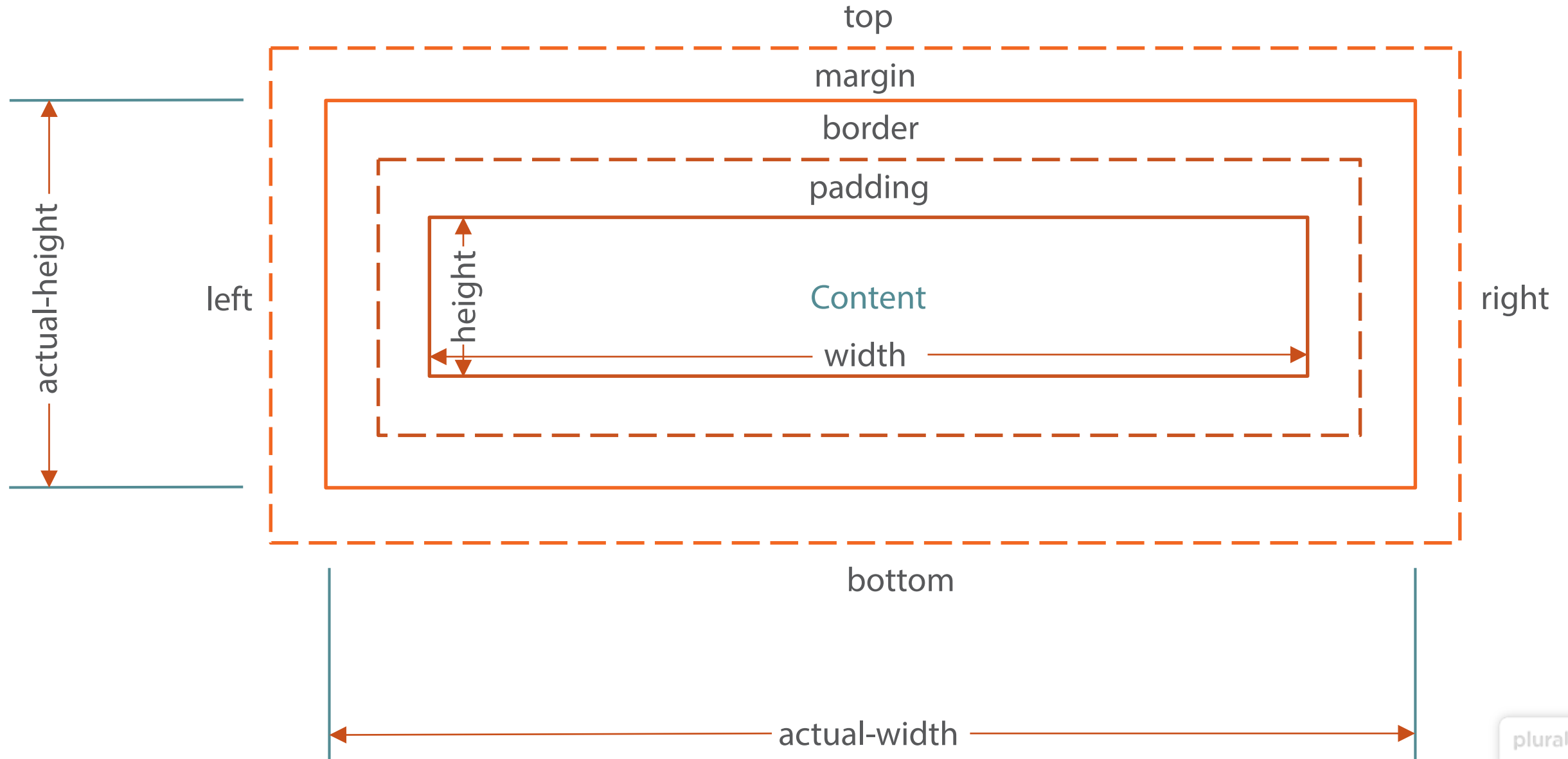
Content

height

width

left

right

actual-height

bottom

actual-width

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