

# Front-End Web Development Quick Start With HTML5, CSS, and JavaScript

## Introducing HTML5

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**pluralsight**  
hardcore developer training

# Agenda

- **HTML5**

- Why Web Development?
- Why HTML5?
- Hello Markup
- Structure of an HTML Page
- Tags
- HTML Forms
- Cross Browser HTML





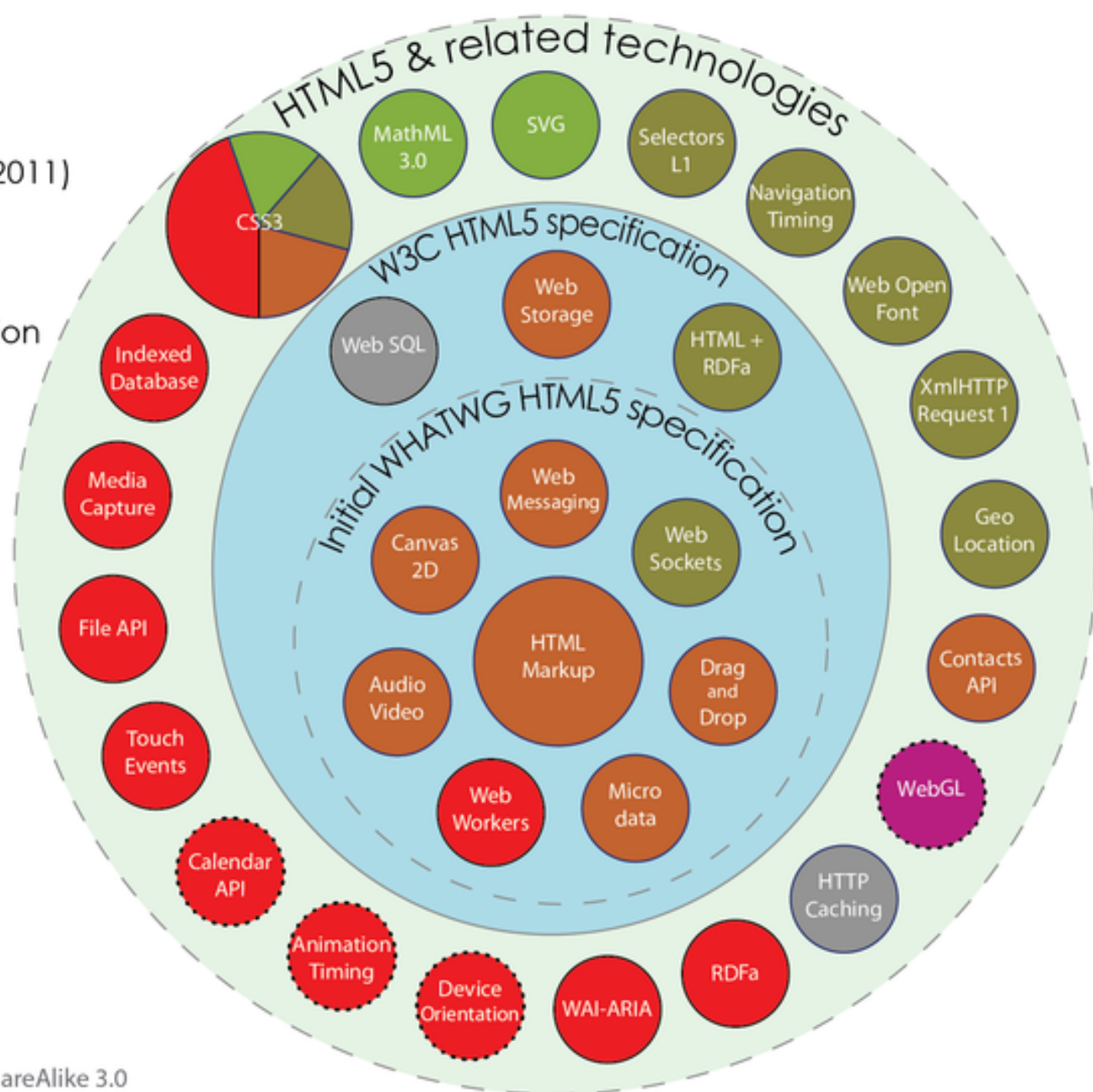




# HTML5

Taxonomy & Status (December 2011)

- W3C Recommendation
- Candidate Recommendation
- Last Call
- Working Draft
- Non-W3C Specifications
- Deprecated W3C APIs



# 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?

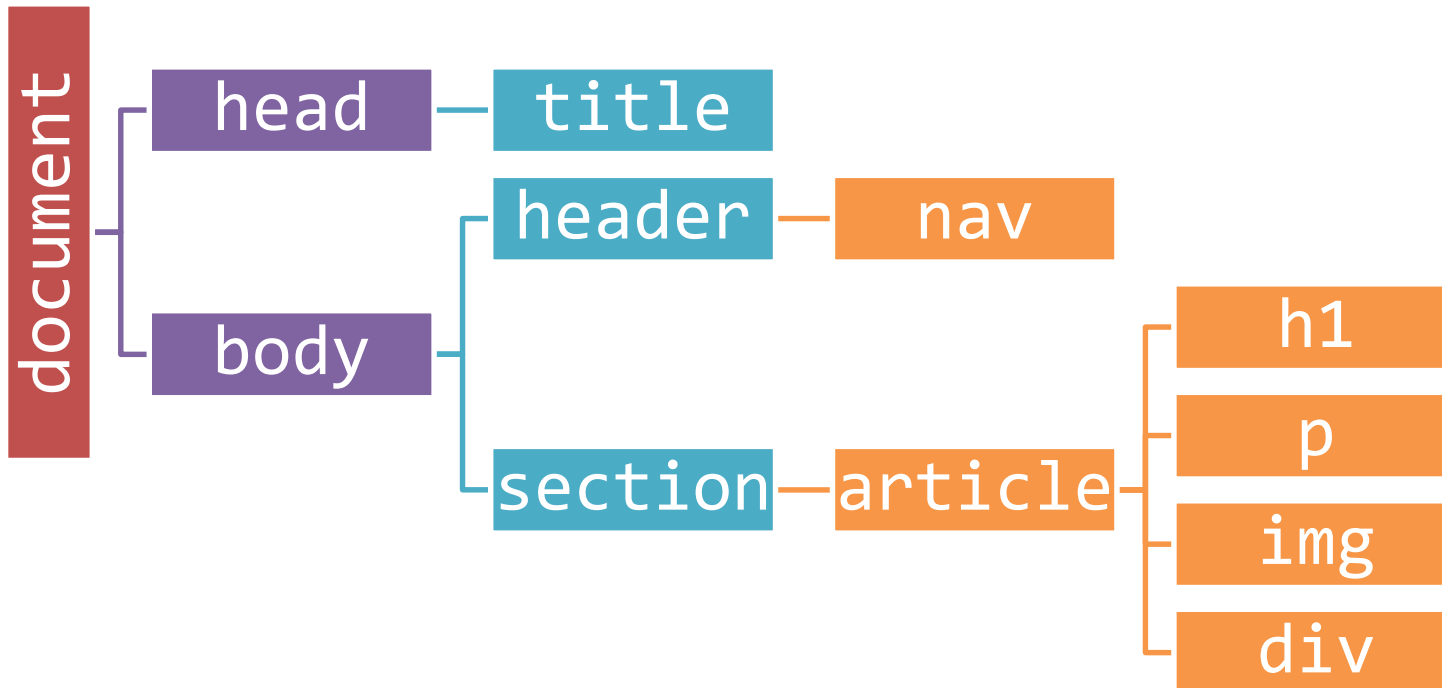
- **Angle-Brackets != XML**
  - Not case sensitive
  - Mixed closing rules

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



# What is HTML?

- **Document Object Model (DOM)**
  - Hierarchy of elements
  - Also an object graph







# demonstration

HELLO MARKUP



# demonstration

STRUCTURE OF AN HTML PAGE



demonstration

TAGS



# demonstration

HTML FORMS



# demonstration

CROSS-BROWSER HTML



# Summary

## ■ HTML5

- HTML has always been written by the winners – the browser makers.
- Don't let HTML5 as a moniker scare you. It's a catch-all for a set of web technologies
- At it's core, HTML is just structural markup...a way to describe a hierarchical document.
- Form elements in HTML are for accepting input, the rest is primarily for display.
- Browsers inequality means you'll want to use some simple techniques to level the playing field.