

Semantic HTML5 Tags

Making the most of the new tags

How to Design

- The most important step in web design is the *design*.
- You need a clear picture of what you want to create, before you can begin coding.

How to Design

<header>

<section>

<article>

<aside>

<footer>

Using Semantic Tags

- In the beginning (insert dramatic music of your choice...) there was `div`
- `<div>` was a way to group related content together
- Divs almost always had special classes/ids associated with them

```
<div class = "header">...</div>
```

```
<div class = "section">...</div>
```

```
<div class = "footer">...</div>
```

<header>

- A group of introductory or navigational aids: title, navigation links, etc.

```
<header>  
  <h1>This is the Title</h1>  
  <h2>The author is Colleen</h2>  
</header>
```

- Not to be confused with <head> or the different headings.

<nav>

- A section of the page that links to other pages or to parts within the page.

```
<nav>
  <ul>
    <li><a href="#overview">Overview</a></li>
    <li><a href="#history">History</a></li>
    <li><a href="#development">Development</a></li>
  </ul>
</nav>
```

- Often found in the <header> tag

<footer>

- A section that contains info such as copyright data, related documents, and links to social media

```
<footer>  
  &copy; 2015 by Colleen van Lent<br>  
  <a href="http://www.intro-webdesign.com/HTML5">Introduction to  
  HTML5</a>  
</footer>
```

- Typically at the bottom of the page, but not required.

<figure>

- More semantics than . Can include:
 - caption
 - multiple multi-media resources

```
<figure>
  
  <figcaption> A sunset over Lake Erie. Taken in
    |Ashtabula Ohio</figcaption>
</figure>
```


Other New Tags

- **Structural Elements**
 - article, aside, main, menuitem, summary, section
- **Form Elements**
 - datalist, keygen, output
- **Input Types**
 - color, date, email, list
- **Graphics Elements**
 - canvas, svg
- **Media Elements**
 - audio, embed, source, track, video

Review

- The age of `<div>` is ending
- Semantic tags help guide users to information in your page

Acknowledgements/Contributions

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