

HTML5 Tags

Learning Objective

- Know the difference between plain HTML and HTML5
- Write some new types of tags, understand where they're used

What is HTML5?

- HTML5 is just the latest and greatest "spec" from the W3C, or World Wide Web Consortium
- Before it came all other versions of HTML
- HTML5 contains a few additional tags to be even more semantically specific with your markup
- Let's learn a few of them to be up to date!

<nav>

Only your site's navigation menus should be wrapped in this element, not other s

```
<nav>
  <ul>
    <li>
      <a href="index.html">Home</a>
    </li>
  </ul>
</nav>
```

<nav>s cannot be nested inside each other according to the spec, but you could have a multi-level menu using s

<article>

- <article> is used to indicate a self contained piece of content that could be distributed independent of the website itself
- It can wrap the <header> tag, <footer> tag, and article content (typically in <p> tags)

<header>

The <header> tag is NOT equivalent to the <head> tag

Instead, it's meant to denote the top part of your <article>, which includes any <h1> tag and surrounding content, like a subtitle:

```
<header>  
  <h1>Welcome to my awesome page!</h1>  
  <p>This is a place for friends.</p>  
</header>
```

<footer>

- The <footer> tag is used to declare the bottom of an <article>
- It usually contains copyright information or information about the author

```
<footer>
```

```
  <p>Article by: Zach Feldman</p>
```

```
  &copy; 2014 NYCDA
```

```
</footer>
```

<video>

- Allows you to play a video on the page, before HTML5 you had to use <embed> tags, which are now deprecated

```
<video width="480" height="320" controls>
```

```
<source src="video.ogv" type="video/ogg">
```

```
<source src="video.mp4" type="video/mp4">
```

Here's some text if your browser doesn't support HTML5 video.

```
</video>
```


<audio>

- Allows you to play audio on the page, before HTML5 you had to use <embed> tags, which are now deprecated

```
<audio controls>
```

```
  <source src="audio.mp4" type="audio/mpeg">
```

```
  <source src="audio.ogg" type="audio/ogg">
```

```
  Here's some text if your browser doesn't support HTML5 audio.
```

```
</audio>
```

Exercise

Try out some of these cool new tags by creating an `<article>` with a `<nav>` bar marked up semantically correctly that includes a `<video>` and `<audio>` file.

Quiz

1. What's the difference between HTML5 and HTML?