

# Getting Started with html5

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# What is html5?

And why should I care?

# New semantic elements

Proposed HTML 5 tag: <sarcasm>. To help clear up some online misunderstandings. (@w3c am I right?)



*about 9 hours ago from Tweetie*



**gf3**  
Gianni Chiappetta

@gf3, <sarcasm>you are right</sarcasm>



*about 5 hours ago from Identica*



**w3c**  
W3C Team

New semantic elements

Rich DOM APIs (local storage, native drag & drop, content editable fields, web forms 2.0)

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Rich embedded content (<audio>, <video>, <canvas>)

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Rich embedded content (<audio>, <video>, <canvas>)

...and a whole lot more.

# Timeframe

2022?

October 2009?



# When can I use html5?

# When can I use html5?

Today!

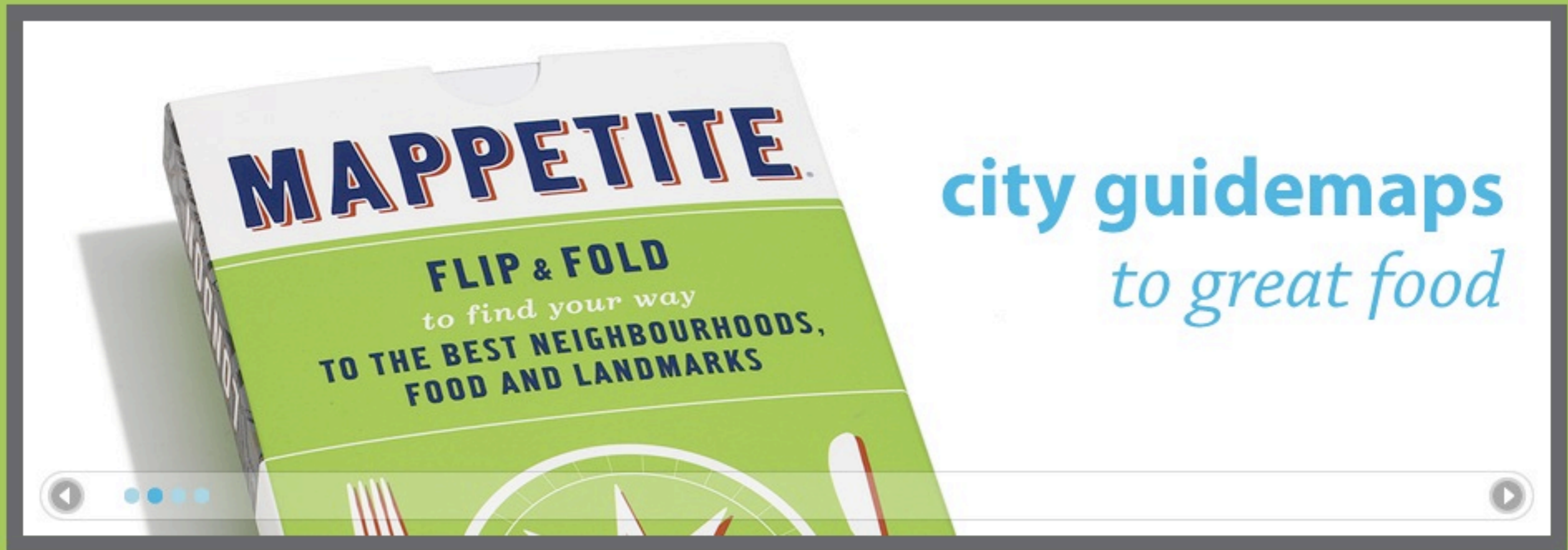
# When can I use html5?

Today! (sorta)

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Today! (sorta)

IE (all of 'em):



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**Mappetite Mondays**

**Stoptaste: Can Ravell in Barcelona**

Published 8/01/2009

There is an extensive, specialized vocabulary used to describe equine-related concepts, covering everything from anatomy to life stages, size, colors, markings, breeds, locomotion, and behavior. Horses are anatomically designed to use speed to escape predators, and have a well-developed sense of balance and a strong fight-or-flight instinct. Related to this need to flee from predators in the wild is an unusual trait: horses are able to sleep both standing of balance and a strong fight-or-flight instinct. Related to this need to flee ...

[Read more](#)

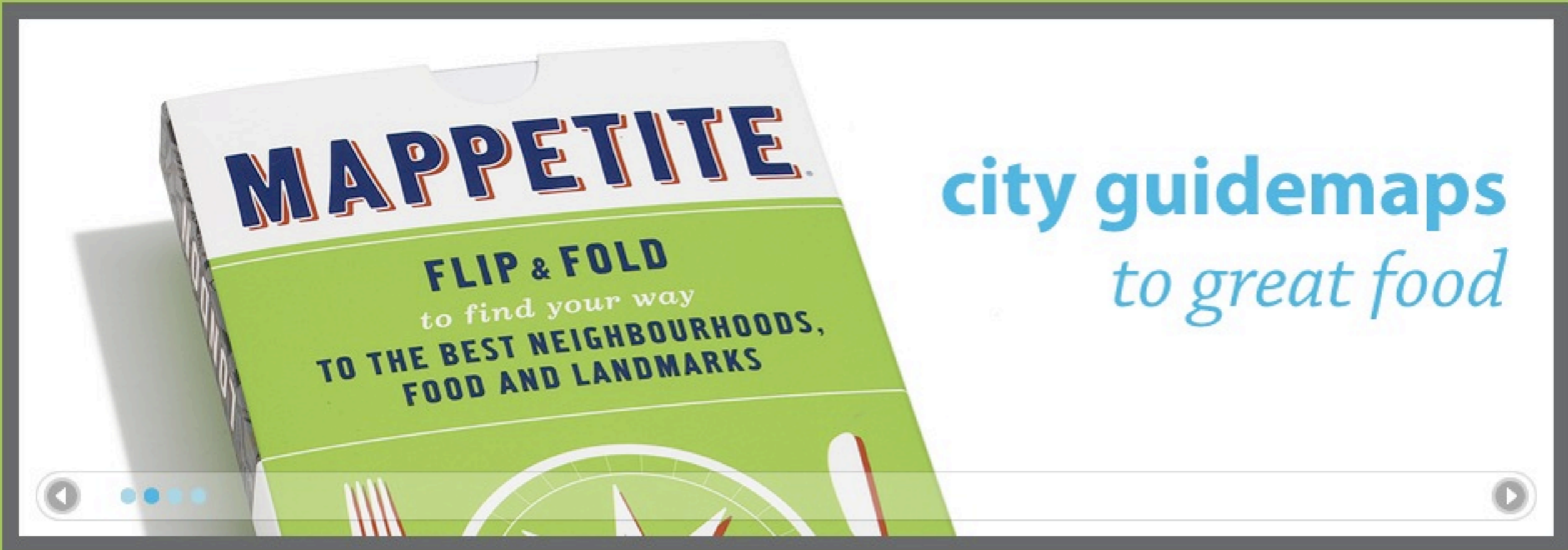


```
document.createElement( 'nav' );
```

html5 shiv script on google code:

```
<!--[if IE]>  
  <script src="http://html5shiv.googlecode.com/svn/trunk/html5.js">  
  </script>  
<![endif]-->
```





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## Mappetite Mondays

### *Stoptaste: Can Ravell in Barcelona*

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- 7/06/09  
The McDonald's near the Fulton Street Mall closed last week.
- 7/06/09  
Grimaldi's Pizza burned down, but will be opening a new location in Astoria Queens next year.
- 7/06/09

# When can I use html5?

Today! (sorta)

Camino, FF2:

<http://remysharp.com/2009/04/14/html5-and-firefox2/>

# A sample site.

WWW.MAPPETITE.COM Share with a friend.

**MAPPETITE**  
FLIP & FOLD  
to find your way  
TO THE BEST NEIGHBOURHOODS,  
FOOD AND LANDMARKS

city guidemaps  
to great food

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## Mappetite Mondays

### Stoptaste: Can Ravell in Barcelona

Published BC 120029

There is an extensive, specialized vocabulary used to describe equine-related concepts, covering everything from anatomy to life stages, size, colors, markings, breeds, locomotion, and behavior. Horses are anatomically designed to use speed to escape predators, and have a well-developed sense of balance and a strong fight-or-flight instinct. Related to this need to flee from predators in the wild is an unusual trait: horses are able to sleep both standing of balance and a strong fight-or-flight instinct. Related to this need to flee ...

[Read more](#)

### Wandersee: Thompkins Square Park

Published BC 120029

There is an extensive, specialized vocabulary used to describe equine-related concepts, covering everything from anatomy to life stages, size, colors, markings, breeds, locomotion, and behavior. Horses are anatomically designed to use speed to escape predators, and have a well-developed sense of balance and a strong fight-or-flight instinct. Related to this need to flee from predators in the wild is an unusual trait: horses are able to sleep both standing of balance and a strong fight-or-flight instinct. Related to this need to flee ...

[Read more](#)

### Wandersee: Alcatraz Island

Published BC 120029

There is an extensive, specialized vocabulary used to describe equine-related concepts, covering everything from anatomy to life stages, size, colors, markings, breeds, locomotion, and behavior. Horses are anatomically designed to use speed to escape predators, and have a well-developed sense of balance and a strong fight-or-flight instinct. Related to this need to flee from predators in the wild is an unusual trait: horses are able to sleep both standing of balance and a strong fight-or-flight instinct. Related to this need to flee ...

[Read more](#)

### Openings & Closings

7/06/09  
The **McDonald's** near the Fulton Street Mall closed last week.

7/06/09  
**Grimaldi's Pizzeria** burned down, but will be opening a new location in Astoria Queens next year.

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Connect with Mappetite!

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© Mappetite 2009

# Doctype

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“A DOCTYPE is a mostly useless, but required, header.”

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```
<!DOCTYPE html>
```

# Doctype

“A DOCTYPE is a mostly useless, but required, header.”

```
<!DOCTYPE html>
```

That's it.

# CSS



# CSS

```
article, aside, dialog,  
figure, footer, header,  
hgroup, menu, nav, section  
{ display: block; }
```

\*see [html5doctor](#) for full reset stylesheet.

<body>

<header>

<hgroup>

<nav>

<section>

<header>

<article>

<article>

<article>

<section>

<header>

<ul>

<aside>

<footer>

```
<header>
```

```
<hgroup>
```

```
<nav>
```

# <header>

The <header> element represents a group of introductory or navigational aids.

# <hgroup>

The <hgroup> element represents the heading of a section. The element is used to group a set of h1–h6 elements when the heading has multiple levels, such as subheadings, alternative titles, or taglines.

# Outline

## Mappetite

1. City guide maps to great food
2. *Untitled Section*
3. Mappetite Mondays
  1. Stoptaste: Can Ravell in Barcelona
  2. Wandersee: Thompkins Square Park
  3. Wandersee: Alcatraz Island
4. Openings & Closings
5. Connect with Mappetite!

# <nav>

The <nav> element represents a section of a page that links to other pages or to parts within the page: a section with navigation links.

```

14 > <!-- 1) -->
15 > <header id="primary-header">
16 > > <hgroup>
17 > > > <h1>Mappetite</h1>
18 > > > <h2>Get Good Direction</h2>
19 > > </hgroup>
20 > > <a href="#share">
21 > > > <div id="share">
22 > > > > Share with a friend
23 > > > </div>
24 > > </a>
25 > > <div id="carousel">
26 > > > <section class="slide">
27 > > > > <!-- placeholder for now, too tired to code -->
28 > > > > <h1>City guidemaps to great food</h1>
29 > > > > 
30 > > > </section>
31 > > > <!-- a few more carousel <section>s for each slide -->
32 > > </div>
33 > > <nav>
34 > > > <ul>
35 > > > > <li class="about"><a href="#">About the Guides</a></li>
36 > > > > <li class="buy-now"><a href="#">Buy Now</a></li>
37 > > > > <li class="press"><a href="#">Press</a></li>
38 > > > > <li class="corporate-gifts"><a href="#">Corporate Gifts</a></li>
39 > > > > <li class="contact-us"><a href="#">Contact Us</a></li>
40 > > > > <li class="mappetite-mondays"><a href="#">Mappetite Mondays</a></li>
41 > > > </ul>
42 > > </nav>
43 > </header>

```



```
<section>
```

```
<header>
```

```
<article>
```

```
<article>
```

```
<article>
```

# <section>

The <section> element represents a generic document or application section. A section, in this context, is a thematic grouping of content, typically with a heading, possibly with a footer.

# <article>

The <article> element represents a section of a page that consists of a composition that forms an independent part of a document, page, or site.

```

45 > <!-- 2) -->
46 > <section id="blog">
47 > > <header>
48 > > > <h1>Mappetite Mondays</h1>
49 > > > </header>
50 > > > <article>
51 > > > > <h2>Stoptaste: Can Ravell in Barcelona</h2>
52 > > > > <span>Published <time datetime="2009-08-01">8/01/2009</time></span>
53 > > > > <p>There is an extensive, specialized vocabulary used to describe equine-related concepts, covering even
54 > > > > <a class="full-link" href="#">Read more</a>
55 > > > > </article>
56 > > > > <article>
57 > > > > > <h2>Wandersee: Thompkins Square Park</h2>
58 > > > > > <span>Published <time datetime="2009-08-01">8/01/2009</time></span>
59 > > > > > <p>There is an extensive, specialized vocabulary used to describe equine-related concepts, covering even
60 > > > > > <a class="full-link" href="#">Read more</a>
61 > > > > > </article>
62 > > > > > <article>
63 > > > > > > <h2>Wandersee: Alcatraz Island</h2>
64 > > > > > > <span>Published <time datetime="2009-08-01">8/01/2009</time></span>
65 > > > > > > <p>There is an extensive, specialized vocabulary used to describe equine-related concepts, covering even
66 > > > > > > <a class="full-link" href="#">Read more</a>
67 > > > > > > </article>
68 > > </section>
69 > >

```

```
<section>
```

```
<header>
```

```
<ul>
```

```
<aside>
```

# <aside>

The <aside> element represents a section of a page that consists of content that is tangentially related to the content around the <aside> element, and which could be considered separate from that content.

```
95 > <!-- 3) -->
96 > <aside>
97 > > <h2>Connect with Mappetite!</h2>
98 > > <a href="#">
99 > > > <div class="social fb">
100 > > > > facebook
101 > > > </div>
102 > > </a>
103 > > <a href="#">
104 > > > <div class="social tw">
105 > > > > twitter
106 > > > </div>
107 > > </a>
108 > > <a href="#">
109 > > > <div class="social li">
110 > > > > linked in
111 > > > </div>
112 > > </a>
113 > </aside>
114
```

<footer>



# <footer>

The <footer> element represents a footer for its nearest ancestor sectioning content. A footer typically contains information about its section such as who wrote it, links to related documents, copyright data, and the like.

# <address>

The <address> element represents the contact information for its nearest article or body element ancestor. If that is the body element, then the contact information applies to the document as a whole.

```
115 > <!-- 4) -->
116 > <footer>
117 > > <ul>
118 > > > <li><a href="#">Terms of Use</a></li>
119 > > > <li><a href="#">Privacy Policy</a></li>
120 > > > <li><a href="#">Help</a></li>
121 > > > <li><a href="#">Advertise</a></li>
122 > > > <li><a href="#">&copy; Mappetite 2009</a></li>
123 > > </ul>
124 > </footer>
```

# Validation?

<http://validator.w3c.org/check>

<http://html5.validator.nu/>

<http://gsnedders.html5.org/outliner/>

# Resources

<http://wiki.whatwg.org/wiki/FAQ>

<http://whatwg.org/html5>

#whatwg (irc.freenode.org)

<http://html5doctor.com>

<http://htmldemos.com>

# thanks.



[\\*http://www.flickr.com/photos/justinsomnia/](http://www.flickr.com/photos/justinsomnia/)