





3

Warning!

Some of this may change! The spec is still in development!

# 2 Simpler Template

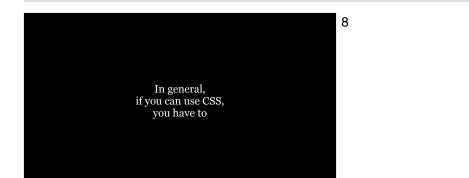
4

5

htm</th <th>11&gt;</th> <th></th> <th></th>	11>		
<html></html>			
<head></head>			
<meta cha<="" th=""/> <th>rset="UTF</th> <th>-8"&gt;</th> <th></th>	rset="UTF	-8">	
<title>&lt;/&lt;/th&gt;&lt;th&gt;'title&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;&lt;/head&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;th&gt;&lt;body&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;th&gt;&lt;/th&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/body&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;tr&gt;&lt;td&gt;&lt;/html&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;td&gt;&lt;/td&gt;&lt;/tr&gt;&lt;/tbody&gt;&lt;/table&gt;</title>			



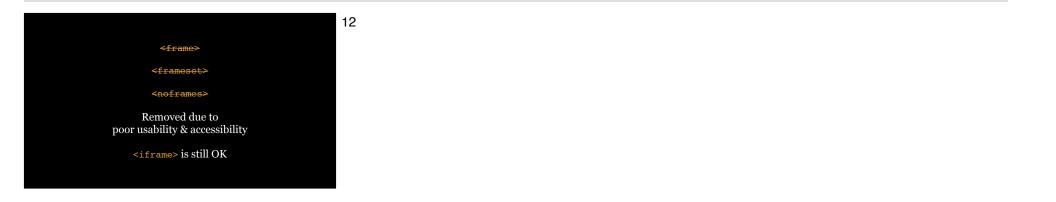




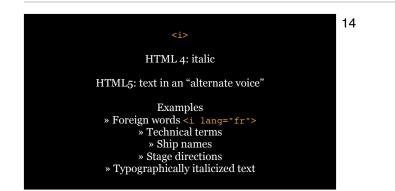


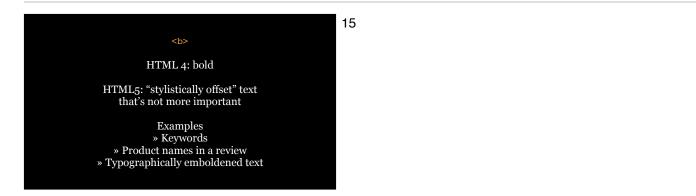






## 5 Redefined Elements





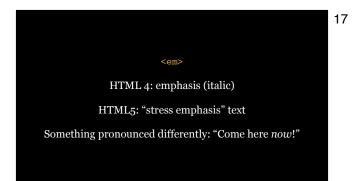
13

t was nearly one o'clock when Sherlock Holmes returned from his excursion. He held in his hand a sheet of blue paper, scrawled over with notes and figures.

Why is that text bold?

Because it's more important?

Because it should be strongly emphasized?





16

#### <strong>

HTML 4: strong emphasis (bold) HTML5: "strong importance" text Warning: Do not feed the bears.

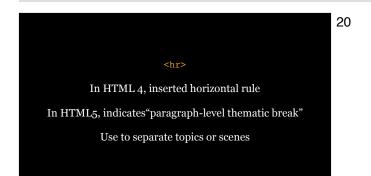
#### <small>

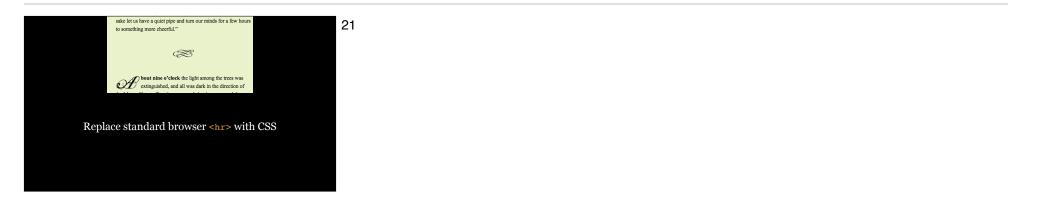
19

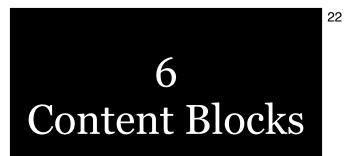
In HTML 4, made text smaller

In HTML5, indicates side comments & small print

Examples: » Legal disclaimers » Copyright & licensing info » Attributions









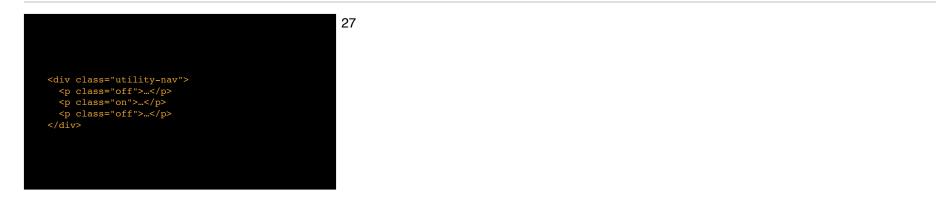


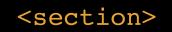
<div> has been around since HTML 4.01, but you need to understand it to get what HTML5 is doing <div> is a block-level element
that does nothing without CSS

25

Use <div> to group block-level elements together that you want to affect in the same way with CSS







28

"The section element represents a generic document or application section... The section element is not a generic container element. When an element is needed for styling purposes or as a convenience for scripting, authors are encouraged to use the div element instead."



You should almost always start a section with a header

<section>
 <h2>Header</h2>
 ...
</section>



<article> is "a section of content that forms an independent part of a document or site"

In other words, content that can stand on its own



<article>
<h1>Cthulhu Mythos</h1>
Lorem ipsum
<section>
<h2>Yog-Sothoth</h2>
Lorem ipsum
</section>
<section>
<h2>Nyarlathotep</h2>
Lorem ipsum
</section>
<h2>Nyarlathotep</h2>
Lorem ipsum
</section>
</article>



#### 36

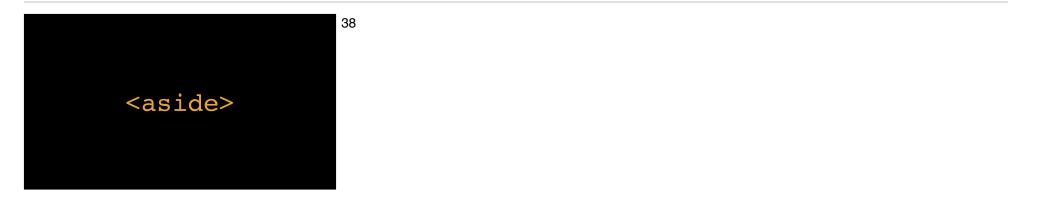
34

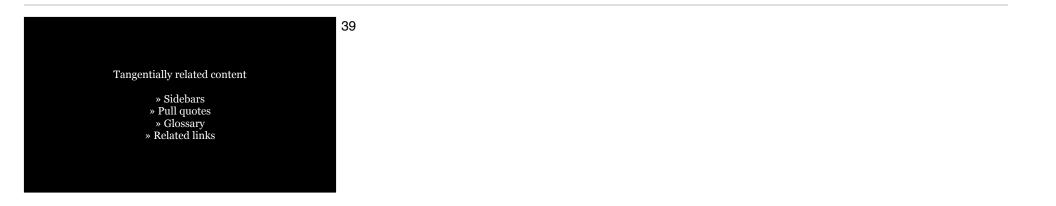
<article> An independent, self-contained block of related content "Can it stand on its own?"

<section>
A block of related content
"Is it related content?"

A generic block of content "Is it a block of content?"







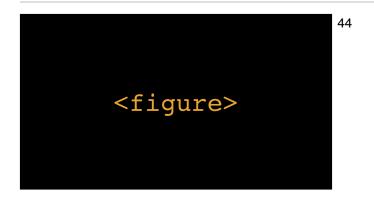


"a section of a page that links to other pages or to parts within the page: a section with navigation links."

Only "major navigation blocks"



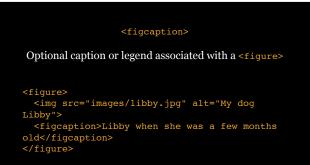
"The main content of the body of a document or application... content that is directly related to or expands upon the central topic of a document"

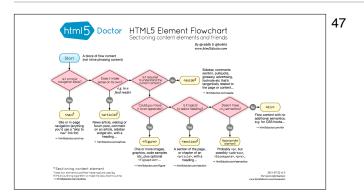


#### 45

43

"...annotate illustrations, diagrams, photos, code listings, etc, that are referred to from the main content of the document, but that could, without affecting the flow of the document, be moved away from that primary content, e.g. to the side of the page, to dedicated pages, or to an appendix."





### html5doctor.com/downloads/h5d-sectioning-flowchart.png





49

Introductory or navigational aids

Usually contains » A section's heading (<h1>-<h6>) » Table of contents » Logos » Search form

Does not introduce a new section; it is the head of a section

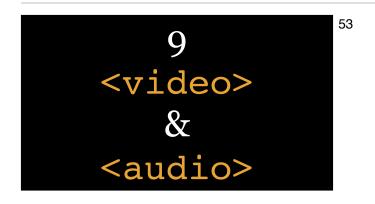


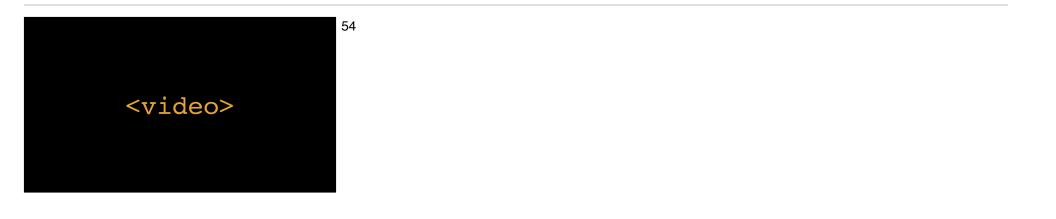
Replaces <div id="footer">

52

Footer not just for pages, but also for sections too

Info such as » Author » Copyright » Links to related content » Contact info (in <address>)





<video> allows the browser to play video without Flash or other plugins 55



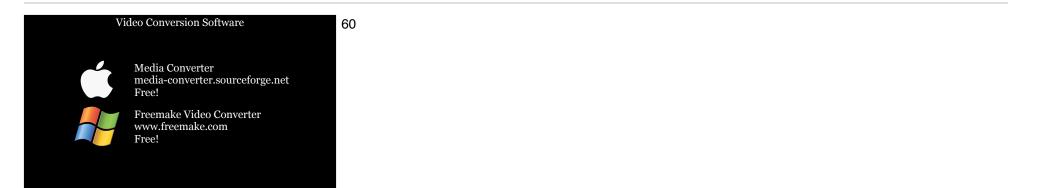
poster="action.png" Display image before video loads

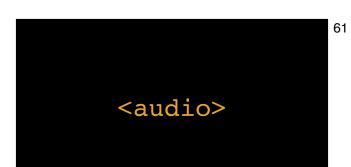


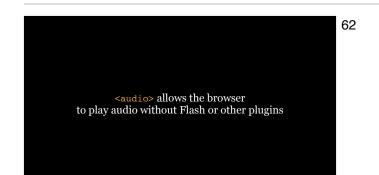
Best way to generate <video> code

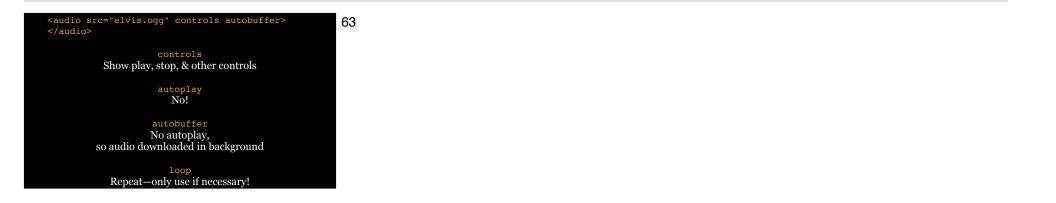
Video for Everybody Generator sandbox.thewikies.com/vfe-generator/















Media Converter media-converter.sourceforge.net Free! 65

XLD tmkk.pv.land.to/xld/index\_e.html Free!

Freemake Audio Converter www.freemake.com Free!



#### <source>

"...allows authors to specify multiple media resources for media elements. It does not represent anything on its own."

> Always a child of media elements <video> & <audio>

#### 68

#### <video>

#### 69

Older browsers don't support <video> & <audio>

Use the JavaScript found at github.com/etianen/html5media to enable older browsers to work

# 10 IE?

## 71

70

IE 9 & below do not fully support HTML5

(surprise!)

There are ways to add HTML5 support to IE, however

#### 72

html5shiv can "...enable use of HTML5 sectioning elements in legacy Internet Explorer"

code.google.com/p/html5shiv/

github.com/aFarkas/html5shiv

<!--[if lt IE 9]> <script src="dist/html5shiv.js"></script> <![endif]-->

### 74

73

Modernizr is"a JavaScript library that detects HTML5 & CSS3 features in the user's browser"

modernizr.com

github.com/Modernizr/Modernizr





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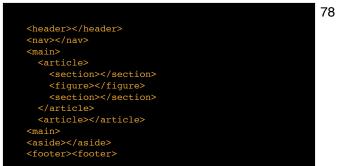
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77