

The Content Layer:

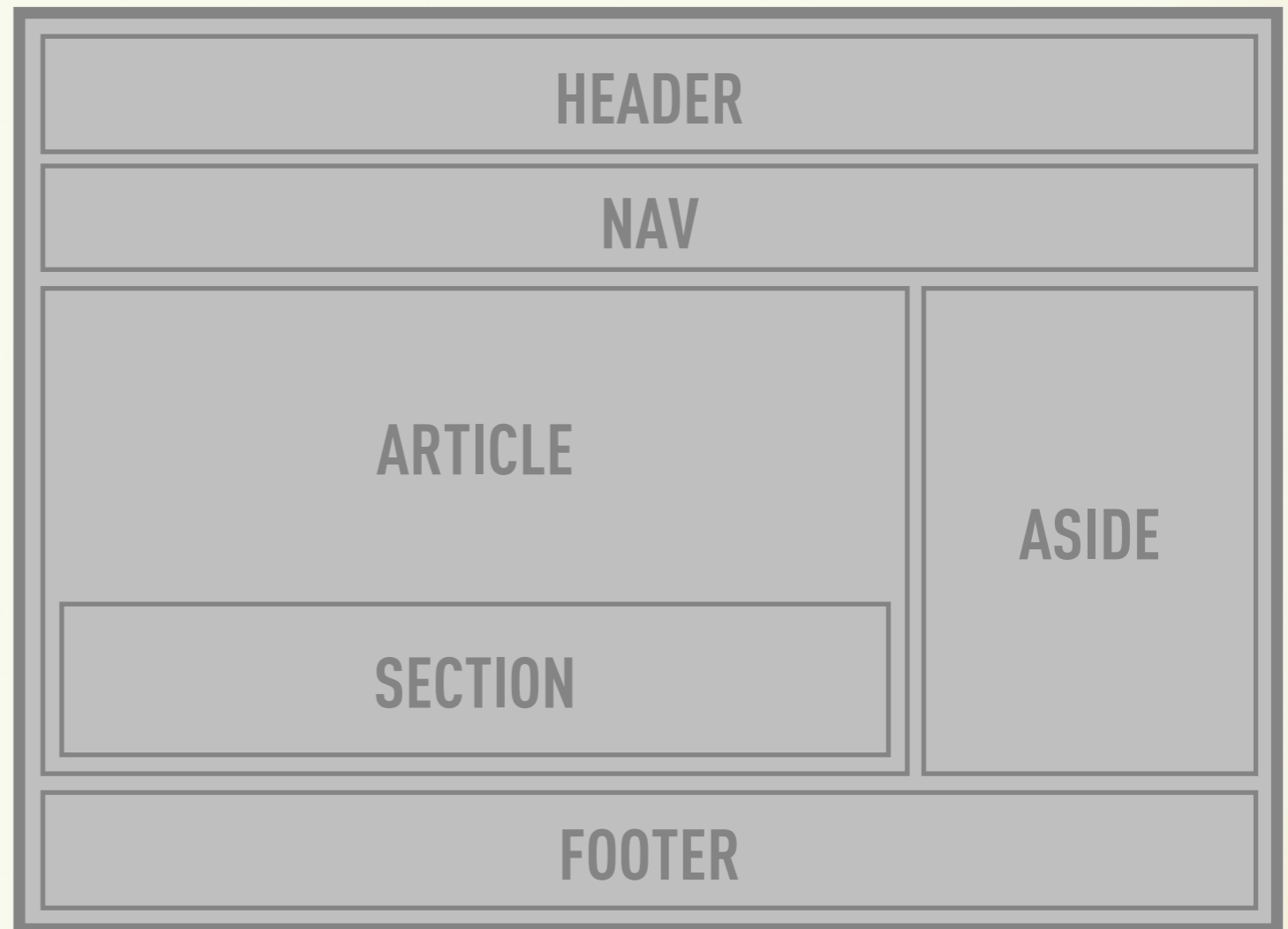
HTML 5

NEW ELEMENTS

structural elements

Provides new semantic vocabulary for parts of a page previously served by DIVs with ID and Class attributes.

IE requires some workarounds using JavaScript to make these elements work.



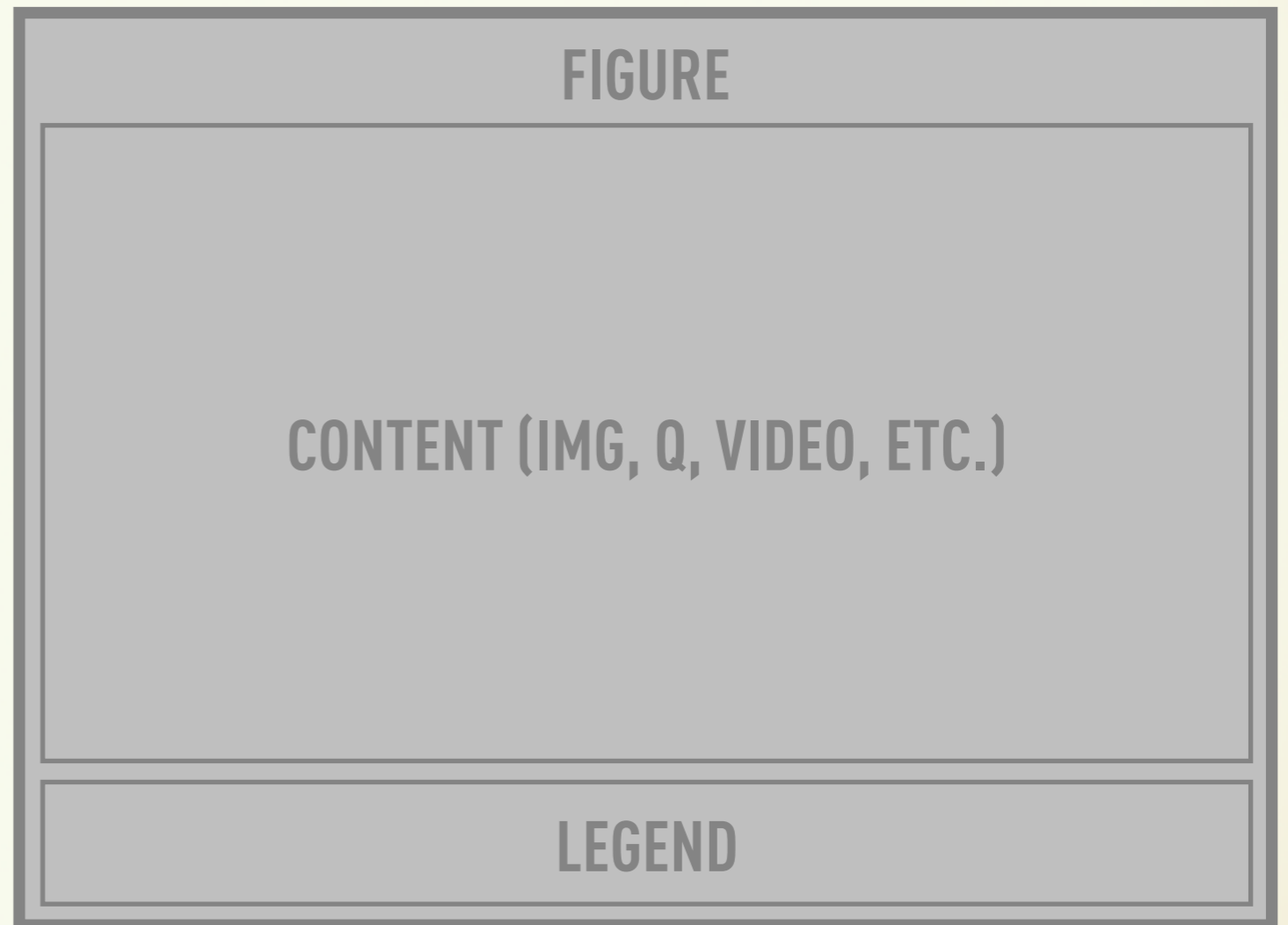
structural elements

Browser Support:



figure

Allows for associating captions with embedded content, including videos, audio, pullquotes, or images.



figure

Browser Support:



audio & video

Allows for associating captions with embedded content, including videos, audio, or images.

Opera, Chrome, and Firefox all support the Ogg Theora video format natively, while Safari and Chrome support H.264.

```
<video src="test.ogg" autoplay="autoplay" controls="controls">
```

Your browser does not support the video element. This could also include object and embed codes for legacy browsers.

```
</video>
```

audio & video

Browser Support:



OTHER ELEMENTS

METER

Contained content is a measurement, like length.

PROGRESS

Contains current process toward a goal, like a percentage.

TIME

Time

COMMAND

Represents something a command a user may execute.

DATAGRID

Represents data. Non-tabular or otherwise.

OUTPUT

Displays the output of a program or process.

RUBY

Allows input of rubi/ruby annotations for Asian languages.

NEW FORM CONTROLS

FORM CONTROLS



DATETIME

Allows input of a date and a time.

DATETIME-LOCAL

Allows input of a date and a time, in local time.

NUMBER

Allows input of a number.

RANGE

Input is verified to be within a range.

EMAIL

Confirms the input to be a valid email.

URL

Ensures input is a valid URL.

COLOR

Provides a mechanism for the user to input an RGB color.

DOC STRUCTURE

HTML 5 doctype

The HTML 5 doctype is way easier than any other doctype. Evar.

```
<!DOCTYPE html>
```

Just type the parts you remember, and you'll probably be right.

HTML 5 doctype

Browser Support:



HTML5 & XHTML5

HTML 5 supports the standard HTML syntax (formerly SGML), but also allows for an XML-based variant XHTML5.

Since it's XML, XHTML should be served as application/xml or application/xhtml+xml. Warning: this means browsers freak if there's an error.

`<html>`

VS.

`<html xmlns="http://www.w3.org/1999/xhtml">`

HTML 5 doctype

Browser Support:



Block-Level Links

You can now wrap links around block-level elements, rather than having to create links around every element inside the block element.

This is useful for lists of articles that include multiple elements, callouts with a single action, etc.

```
<li>  
  <a href="page.html">  
      
    <h3>Title</h3>  
    <p>Text</p>  
  </a>  
</li>
```



Get in Touch!

SpeakerRate: spkr8.com/t/1250

Twitter: @whafro & @jgarber