



learn to code

structure your web pages with HTML

Laura Gaetano & Floor Drees

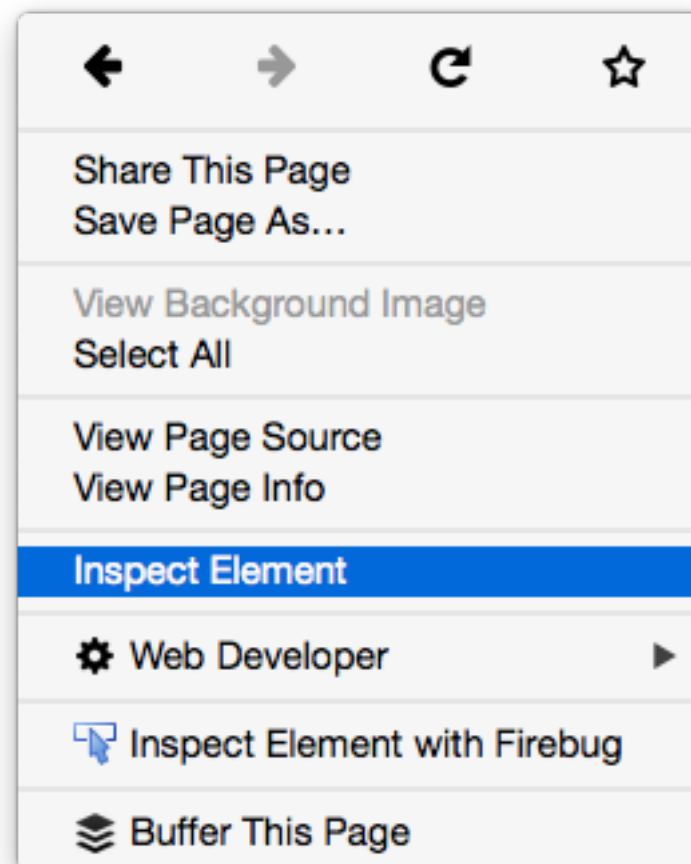
“You can think of HTML as the skeleton that gives every webpage structure.”

– someone with knowledge of how the web works

You can write your web application in any programming language you fancy, but in the end it will always be transformed into HTML.

we are hacking Facebook

a little



Inspector - https://www.facebook.com/

Inspector Console Debugger Style Editor Performance Network

leNav > div > div#pagesNav.homeSideNav > ul_bui.nonDroppableNav_3-8w_3-96 > li#navitem_718926711528859.sideNavItem.s... > div > div.clearfix

```
<!DOCTYPE html>
<html id="facebook" class=" sidebarMode" lang="en">
  <head></head>
  <body class="hasLeftCol home composerExpanded _5vb_fbx _5p3y gecko mac x1 Locale_en_US" dir="ltr">
    <div class="_li">
      <div id="pagelet_bluebar" data-click-phase="0" data-click="bluebar" role="banner"></div>
      <div id="globalContainer" class="uiContextualLayerParent">
        <div id="content" class="fb_content clearfix" role="main">
          <div>
            <div id="toolbarContainer" class="hidden_elem"></div>
            <div id="mainContainer">
              <div id="leftCol">
                <div id="pagelet_welcome_box" data-click-phase="0" data-click="Welcome_box" data-referrer="pagelet_welcome_box"></div>
                <div id="pagelet_navigation" data-click-phase="2" data-click="Bookmark" data-referrer="pagelet_navigation">
                  <div class="_55y4">
                    <div id="sideNav" class="uiFutureSideNav" data-ft="{\"tn\":\"+H\"}" data-gt="{\"ref\":\"bookmarks\"}" aria-label="Apps" role="navigation">
                      <div data-reactid=".f">
                        <div id="pinnedNav" class="homeSideNav" data-reactid=".f.$pinnedNav"></div>
                        <div id="pagesNav" class="homeSideNav" data-reactid=".f.1:$pagesNav" data-ft="{\"tn\":\"+X\"}">
                          <h4 class="navHeader" data-reactid=".f.1:$pagesNav.0"></h4>
                          <ul class="_bui nonDroppableNav_3-8w_3-96" data-reactid=".f.1:$pagesNav.1" data-ft="{\"tn\":\"+X\"}" data-gt="{\"nav_items_count\":\"10\",\"nav_section\":\"pagesNav\",\"bm_sec\":\"pagesNav\"}">
                            <li id="navItem_107709749275616" class="sideNavItem stat_elem" data-reactid=".f.1:$pagesNav.1.$107709749275616" data-sortable="true"></li>
                            <li id="navItem_544720819002603" class="sideNavItem stat_elem" data-reactid=".f.1:$pagesNav.1.$544720819002603" data-sortable="true"></li>
                            <li id="navItem_1457136707909713" class="sideNavItem stat_elem" data-reactid=".f.1:$pagesNav.1.$1457136707909713" data-sortable="true"></li>

```

Rules Computed Fonts Box Model

element { inline }

.clearfix { HC9aYFibxTk.css:6 }

Inherited from ul

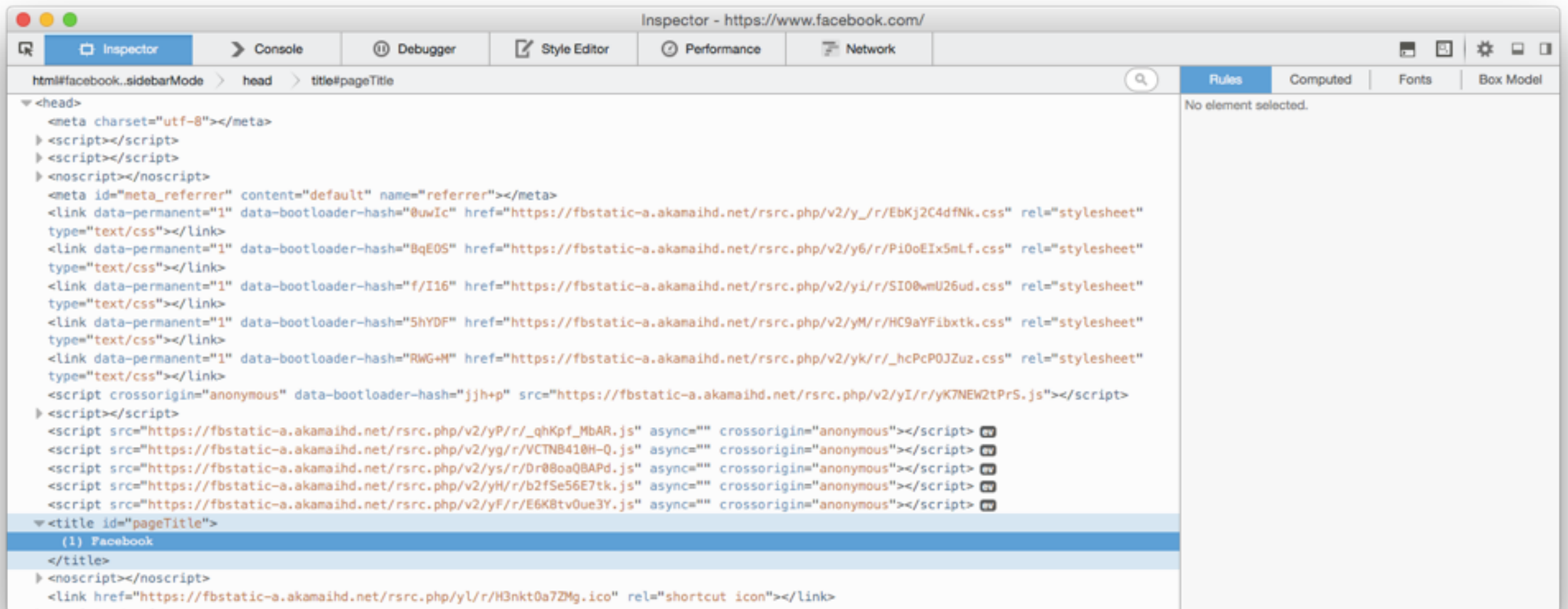
ul { HC9aYFibxTk.css:5 } list-style-type: none;

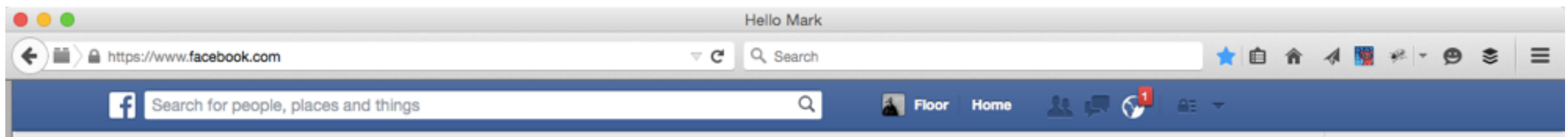
Inherited from div#leftCol

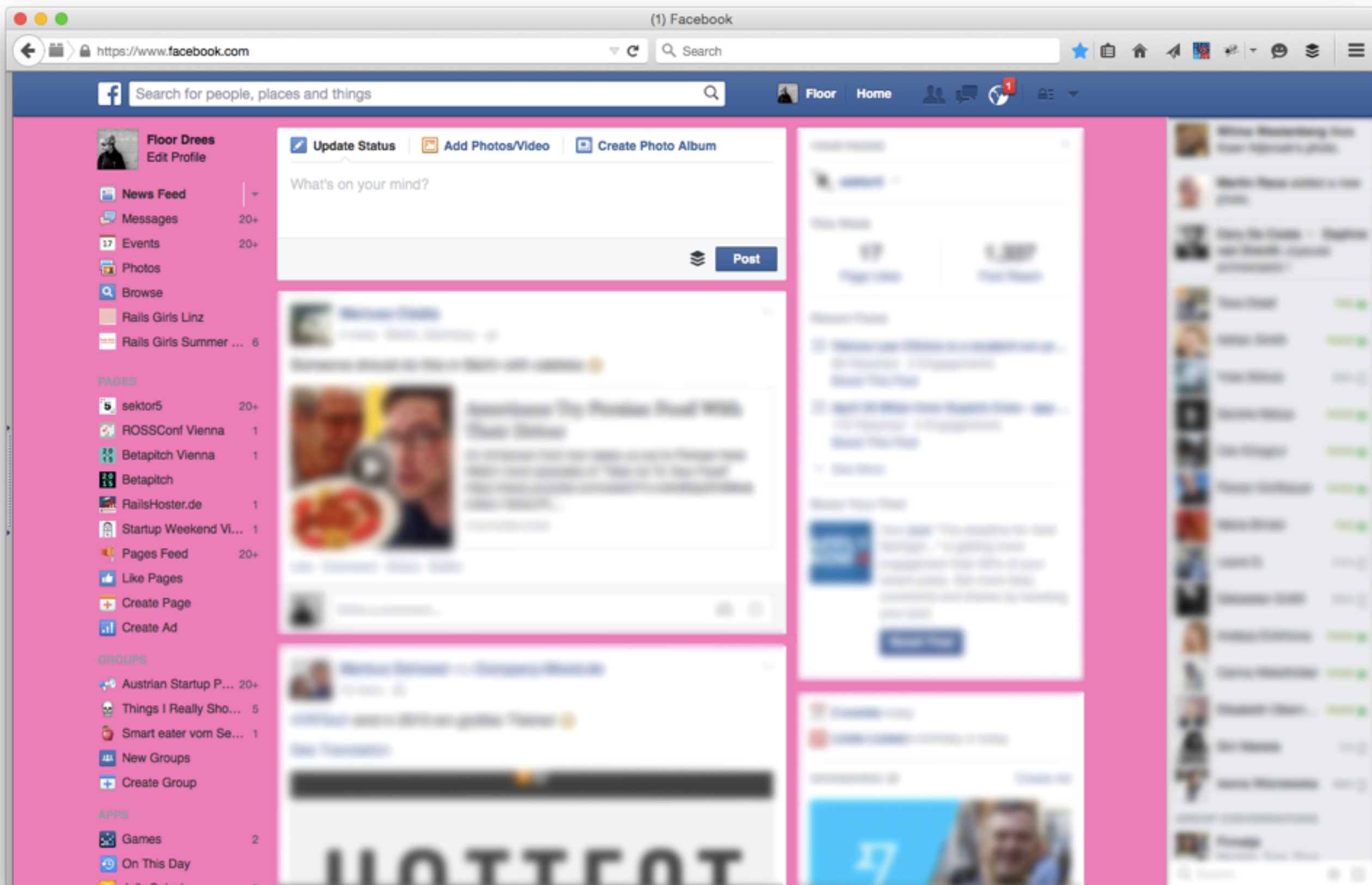
#leftCol { EbKj2C4dfNk.css:30 } word-wrap: break-word;

Inherited from body

._5p3y[dir="ltr"], EbKj2C4dfNk.css:46
._5p3y[dir="ltr"] button,
._5p3y[dir="ltr"] input, ._5p3y[dir="ltr"]
label, ._5p3y[dir="ltr"] select,
._5p3y[dir="ltr"] td, ._5p3y[dir="ltr"]
textarea, ._5p3y[dir="ltr"] .uiMentionsInput
.highlighter, ._5p3y[dir="ltr"] .uiButtonText,
._5p3y[dir="ltr"] .uiButton input,
._5p3y[dir="ltr"] .uiLinkButton input,
._5p3y[dir="ltr"] button.as_link,
._5p3y[dir="ltr"] .fbChatSidebar,
._5p3y[dir="ltr"] .fbDock, ._5p3y[dir="ltr"]
.fbFeedTicker .fbFeedTickerStory
.tickerFeedMessage, ._5p3y[dir="ltr"]
.fbFeedTicker .fbFeedTickerStory







.html

It is like showing nouns in
red and showing the verbs
in blue in a sentence.

```
<!DOCTYPE html>  
<html lang="en">  
  <head>  
    <meta charset="utf-8">  
    <title>Hello World</title>  
  </head>  
  <body>  
    <h1>Hello World</h1>  
    <p>This is a web page.</p>  
  </body>  
</html>
```

Inside the `<html>` element, the `<head>` element identifies the top of the document, including any metadata. The content inside the `<head>` element (`<title>`) is not displayed on the page.

All of the visible content within the page is in the `<body>` element.

new terminology is new

and hard.

new terminology is new

and hard.

<http://bit.ly/1baYO7a>

Elements are designators that define the structure and content of objects within a page. Like the multiple levels of headings.

I am h1

I am h2

I am h3

I am h4

I am h5

I am h6

The use of < and > angle brackets surrounding an element creates a 'tag'.
Tags most commonly occur in pairs.

The use of **<** and **>** angle brackets surrounding an element creates a 'tag'. Tags most commonly occur in pairs.

<a>I am a link****

Don't forget to close!*

* except for `
`, `<embed>`, `<hr>`, ``, `<input>`, `<link>`, `<meta>`, `<param>`, ...

```

```

Attributes are properties used to provide additional information about an element.

`id` identifies an element;
`class` classifies an element;
`src` specifies a source for embeddable content;
`href` provides a hyperlink reference

```
<div id="awesome">this is awesome</div>  
<div class="awesomer">this is more awesome</div>  
    
<a href="http://facebook.com/">Facebook</a>
```


pro tip: The image source name (**src**) of kittens.jpg is a path relative to the HTML document. You could use a name like "images/thebestthingever.png" if you put the image file into a subdirectory* called "images".

* folder

```

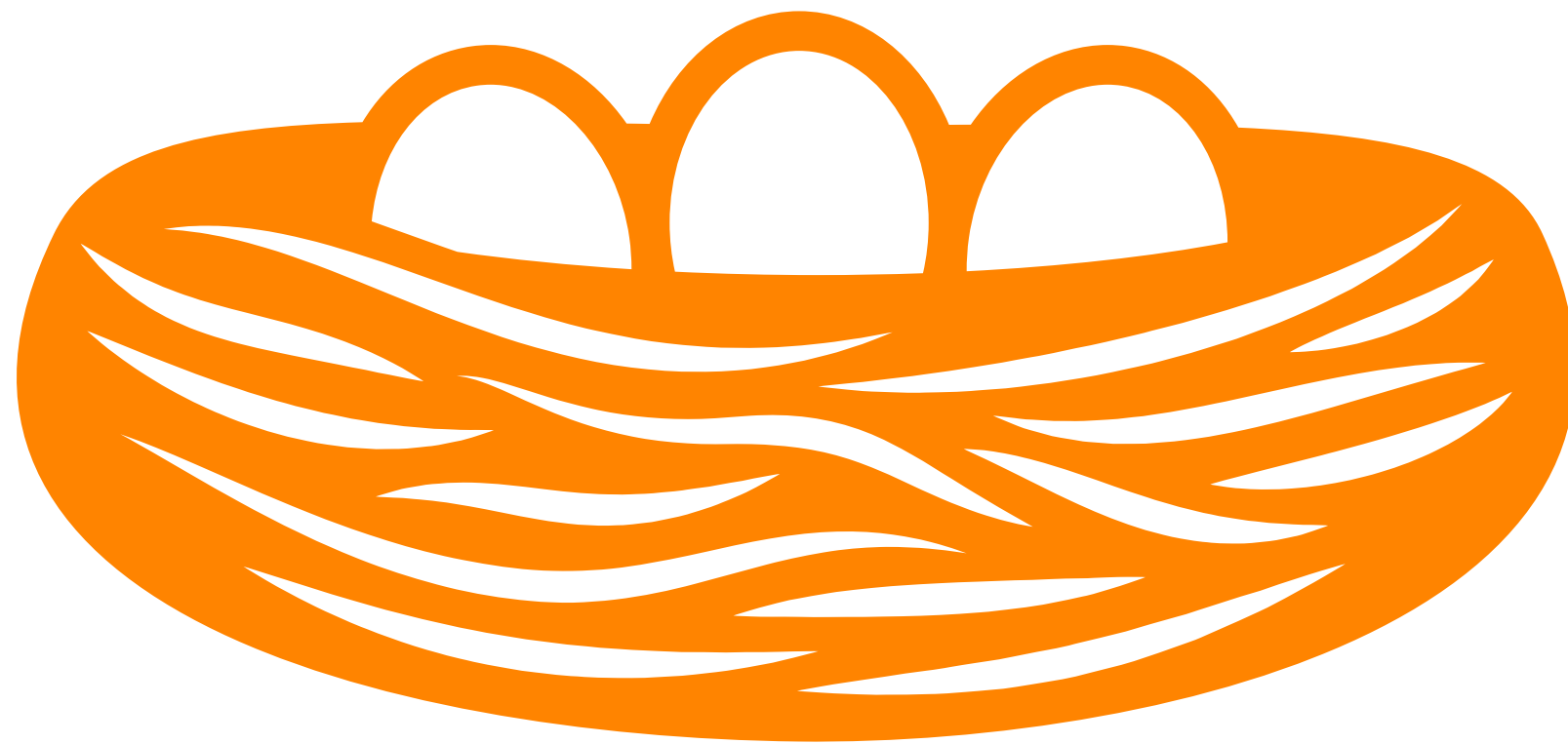
```

The **alt text** is a textual description of what's in the image.

pro tip: indentation. Do it.
Imagine a buttload of code and
trying to make sense of it all on a
Monday morning.

<!-- I am a comment -->

pro tip: Comments can
enclose other HTML elements,
to “comment them out”.



When an element is placed
inside of another element...

```
<strong><a href="http://www.fancyshmancy.io">call to action</a></strong>
```

Practice makes perfect

1. Create a file called index.html
2. ... with the right setup*
3. ... contains one `<h1>` title
4. two `<p>` paragraphs
5. a link within a paragraph
6. ... and an image**

* (`<html>`, `<head>`, et al)

** Yes you can ask us / Google for our help.


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  </head>
  <body>
    <h1>Hello World</h1>
    <p>This is a web page.</p>
  </body>
</html>
```

90ies anti-design is nice and all,
but can I change this?
Yes you can.



Thank you <3

Want to continue coding?
Check out our favourite resources
at <http://bit.ly/1baYO7a>