

CreativeCode.io Week2 Web Skills

Some Housekeeping:

Download the following...
-Sublime Text

-Sign up for a GitHub account:github.com

-Github for Mac <https://mac.github.com/>

-Install NodeJS, <https://nodejs.org/>

HTML / CSS Quick History

Web design is a new discipline. It has only been around since the mid 90's and is constantly evolving. Here is a quick HTML/CSS timeline.

- ▶ 1980-1984: Tim Berners-Lee comes up with the idea of using hypertext markup language to display text over a network, helps CERN physicists share information over local and non-local networks (using custom servers and browsers)
- ▶ 1989: Berners-Lee coins the term World Wide Web and sets up the first web page server
- ▶ 1991: Berners-Lee finalizes the specifications of HTML and invites others to contribute to the WWW
- ▶ 1994: Håkon Wium Lie & Bert Bos (CSS Group) propose a CSS standard to help standardize the tweaking of web page presentation
- ▶ 1998: World Wide Web Consortium (W3C) posts CSS level 2 guidelines
- ▶ 2003: All major browsers (Firefox, Safari, Opera, Internet Explorer) reach the highest compatibility of CSS level 2 rendering
- ▶ 2004: The “Web 2.0” buzzword begins to be used — an era of clean, simple, interactive websites. The proper use of HTML/CSS is one of many contributing factors to successful “Web 2.0” sites.
- ▶ 2009: W3C announces that development of XHTML 2.0 will stop and HTML5 will be the new standard for HTML coding for future consideration.

Jodi

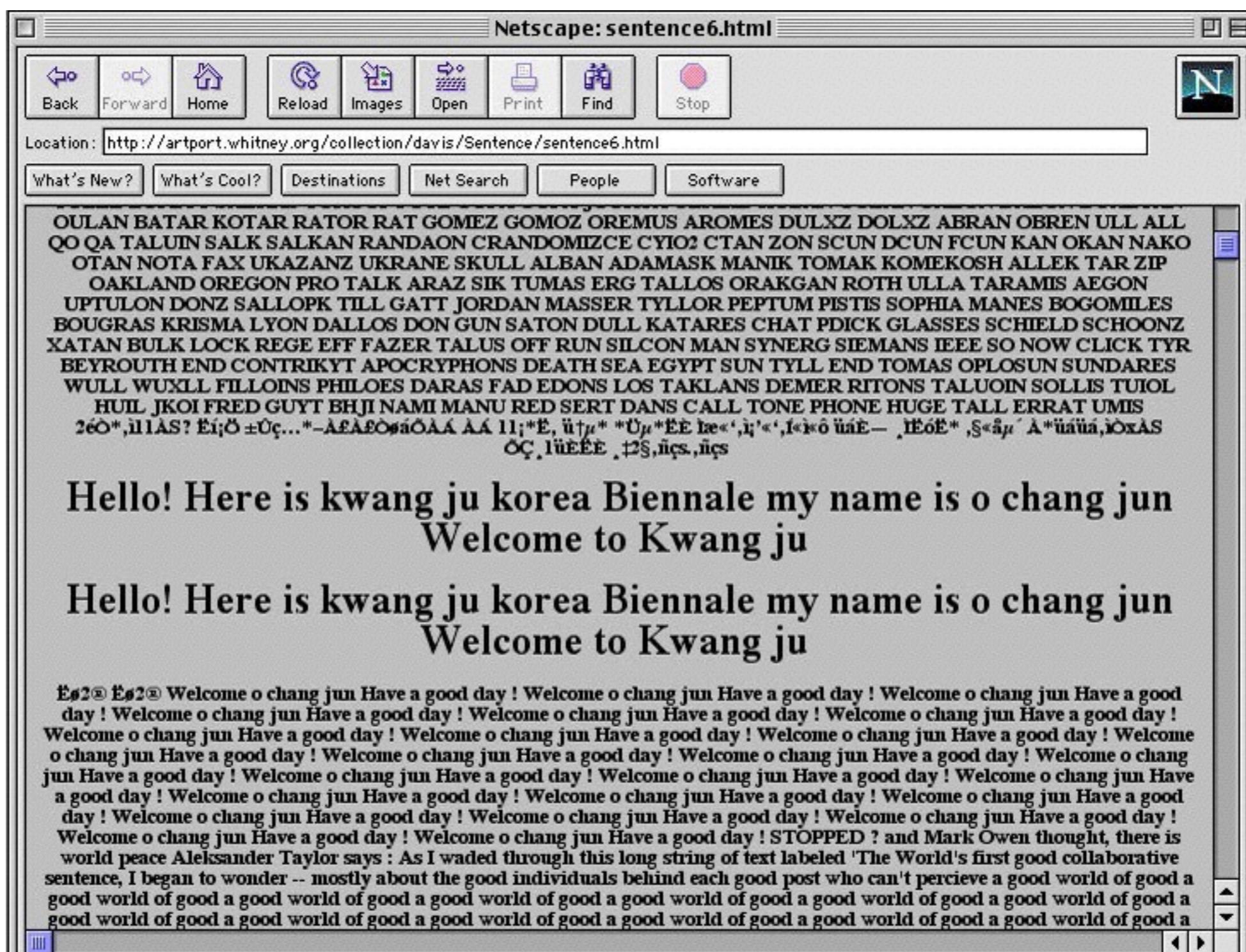
<http://www.jodi.org/100cc/cuq/index.html>



Douglas Davis

The Worlds First Collaborative Sentence(1995)

[http://artport.whitney.org/collection/davis/Sentence/
sentence1.html](http://artport.whitney.org/collection/davis/Sentence/sentence1.html)



John Maeda Shisedo Calendars(1997)

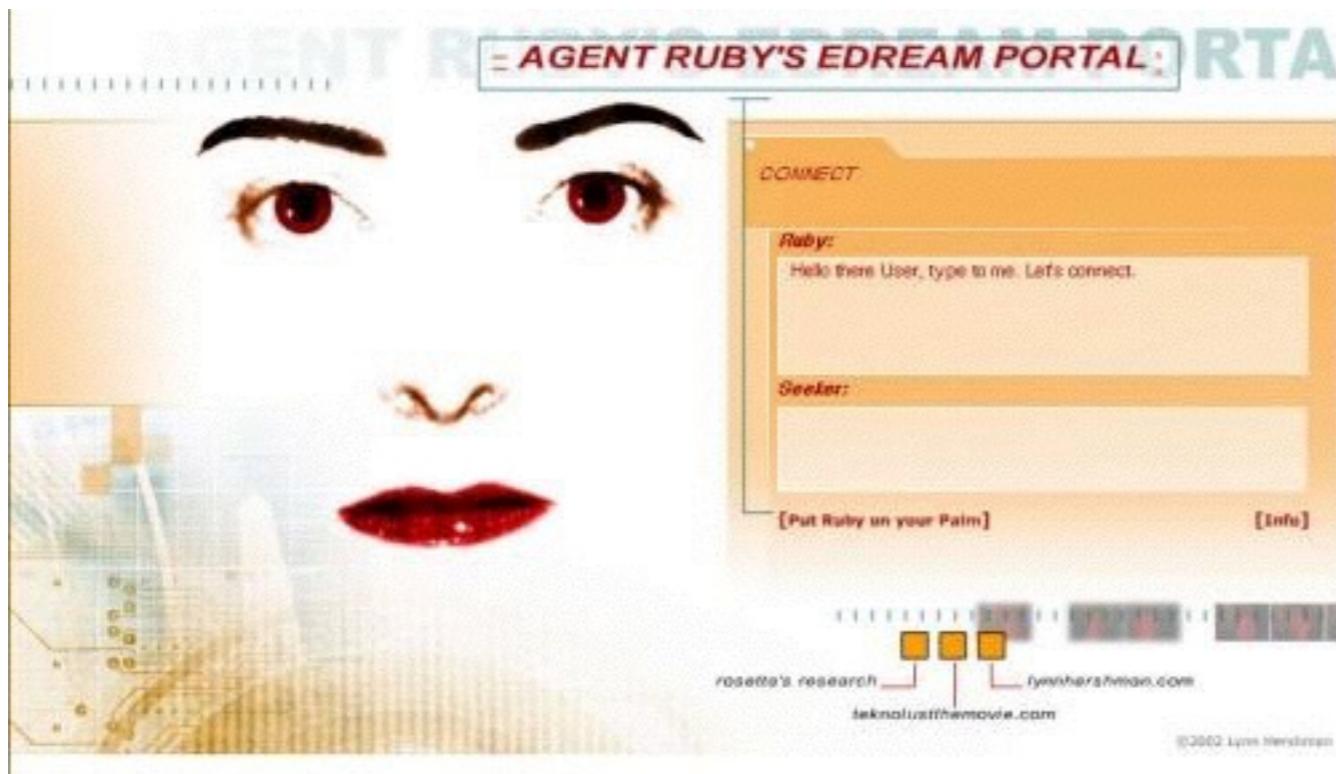
<http://www.maedastudio.com/1997/>



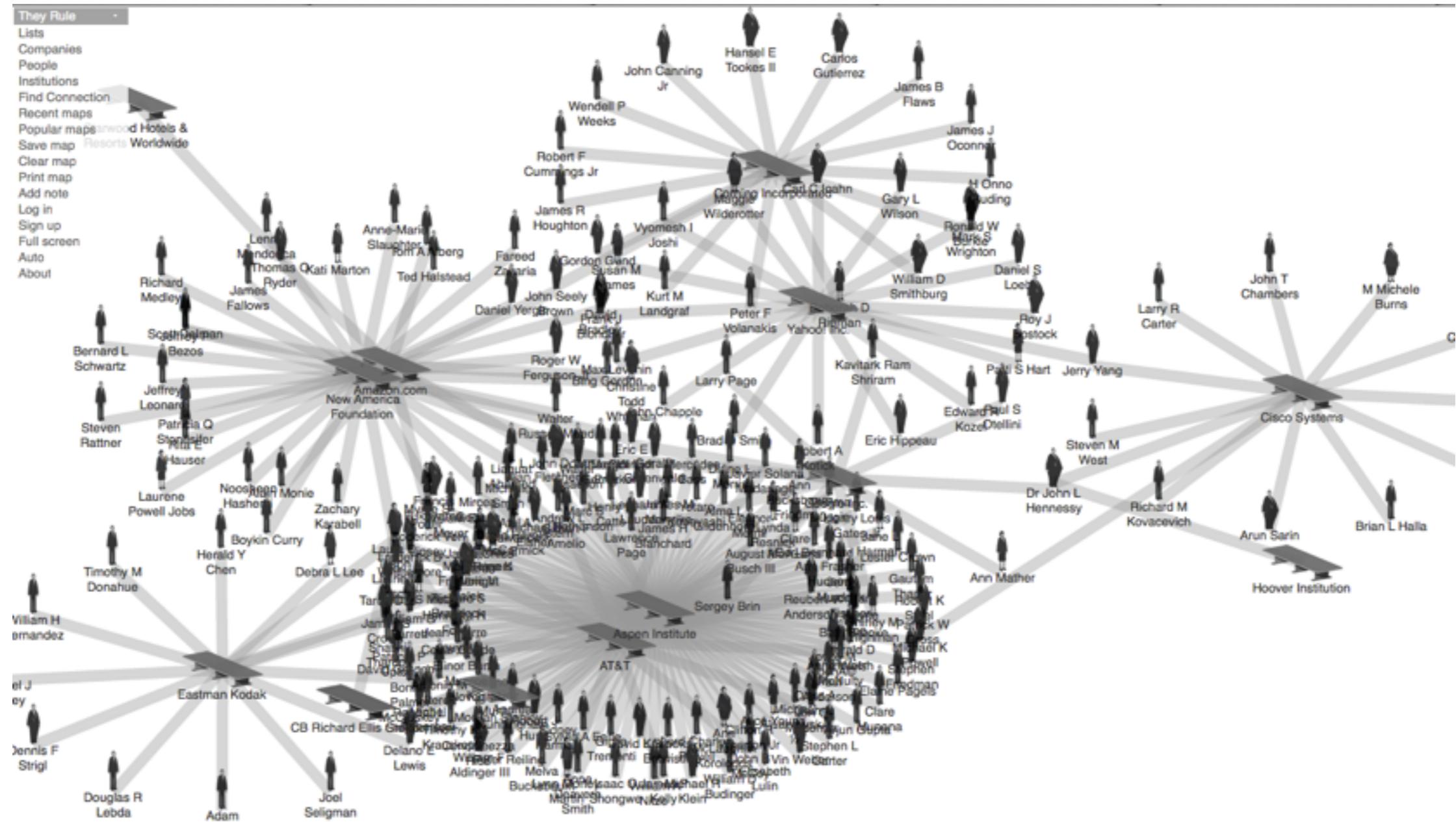
Designed by John Maeda

Copyright 1997, Shiseido Co., Ltd.

Lynn Hershman Lesson Agent Ruby(1999)



Josh On theyrule.net(2001-2011)



Stamen Design
Cabspotting(2005)
<http://cabspotting.org/>



Aaron Koblin

The Sheep Market(2006)

<http://www.thesheepmarket.com/>

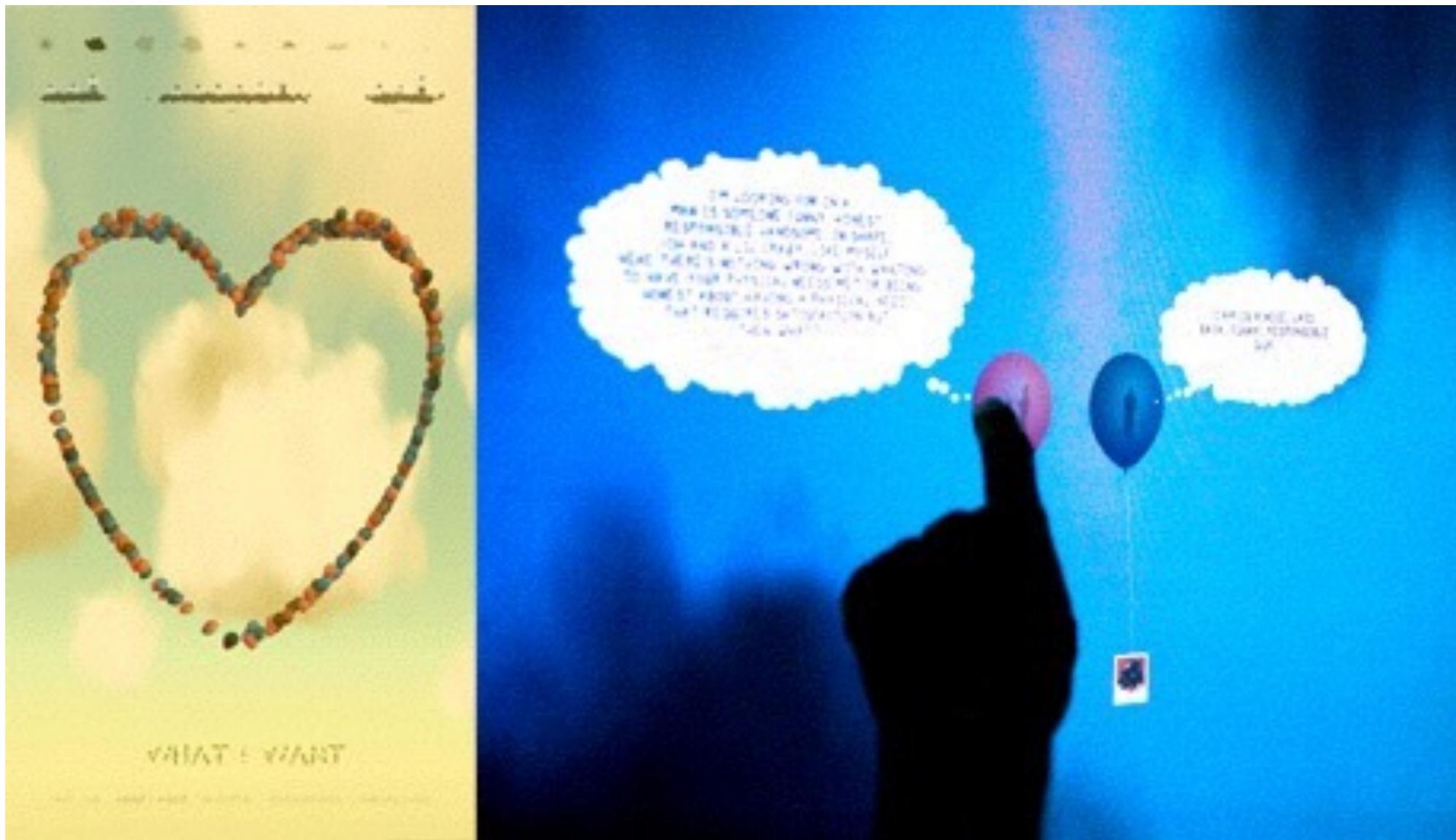


Sheep
The Sheep Market
Aaron Koblin
2006
A black and white illustration of a large flock of sheep in various poses and styles, arranged in a grid-like pattern. The sheep are depicted with different shading and line work, some appearing solid black or white, while others have more detailed, stippled patterns. The background is plain white.

Jonathan Harris & Sep Kamvar

I Want You to Want Me (2008)

<http://www.number27.org/iwytwm>



Miranda July & Harrell Fletcher Leaning to Love You More(2002-2009) <http://www.learningtoloveyoumore.com/>

LEARNING TO LOVE YOU MORE

HELLO ASSIGNMENTS DISPLAYS LOVE GRANTS REPORTS SELECTIONS OLIVERS BOOK

ASSIGNMENTS:

- 49. Draw a picture of your friend's friend.
- 48. Make the saddest song.
- 47. Re-enact a scene from a movie that made someone else cry.
- 46. Draw Raymond Carver's Cathedral.
- 45. Reread your favorite book from fifth grade.
- 44. Make a "LTLYM assignment".
- 43. Make an exhibition of the art in your parent's house.
- 42. List five events from 1984.
- 41. Document your bald spot.
- 40. Heal yourself.

Assignment #43
Make an exhibition of the art in your parent's house.



This will be an online exhibition, existing as a slide-show on the site. Take pictures of your parents art. This is the art you grew up with -- that picture that has always hung above the toilet, the abstract print that confused you as a child, the statuette of an angel -- art so familiar that you might not even think of it as art. But it is! And it shaped your vision of reality. Your photos should include a little bit of the surrounding area, a bit of the wall or table the art is on. Number the photo files and supply us with a corresponding numbered list of one-sentence descriptions of how you viewed this as a child (Did you like it? Or, how did it make you feel?)

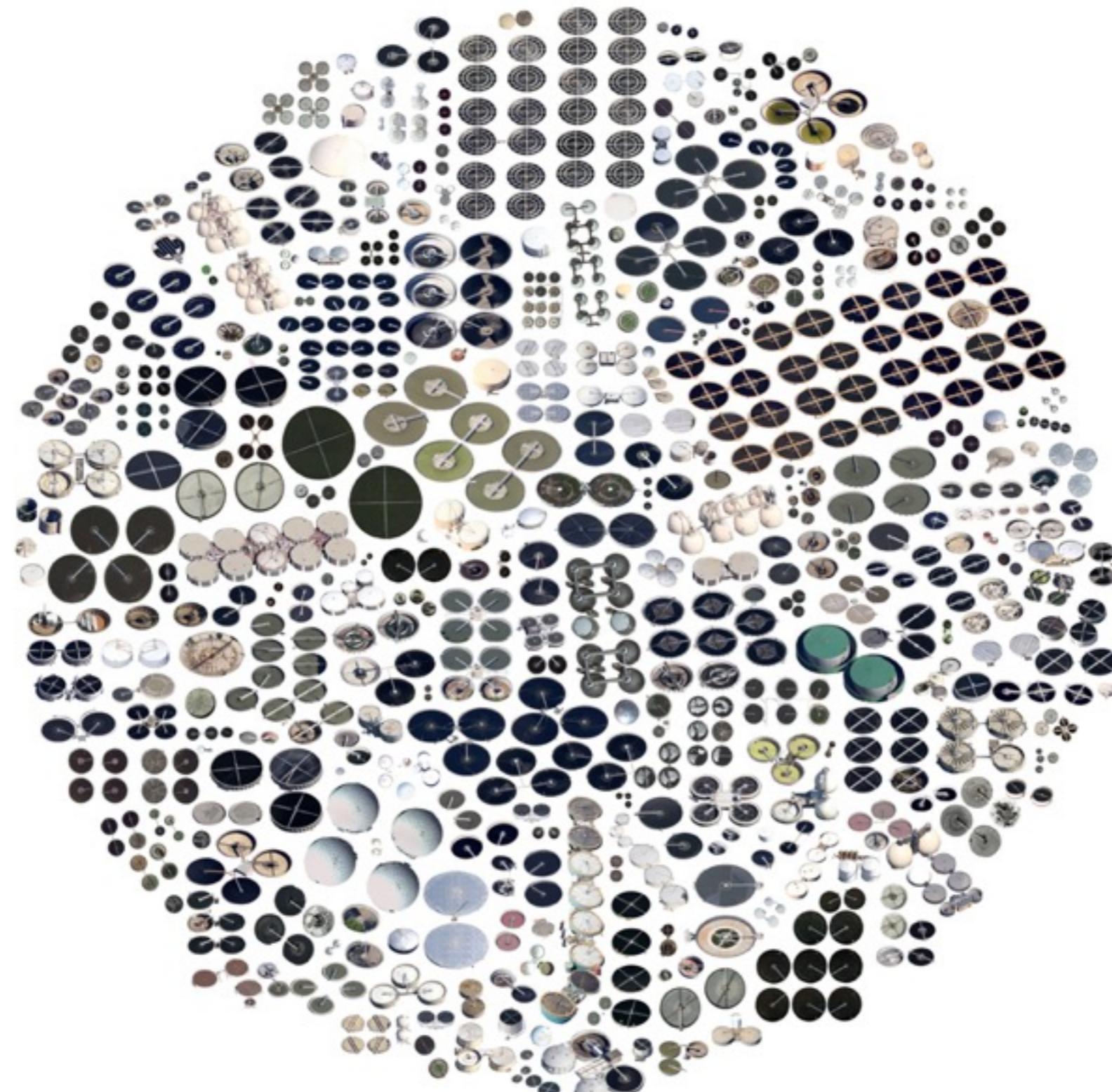
DOCUMENTATION >

Send in from three to five images and the corresponding text.

REPORTS:

- Janna
- Laura Scott
- Natalie Skrypak
- Tevvy
- Devon Sioui
- Brooke Manning
- Eliana
- Mary
- Elise M.
- Becky Heeley
- Michelle Loren
- Arianna P.
- Moritz Jasper Kuhn
- Paloma Rodrigues da Silva
- Allison Murphy
- Demi Espinoza
- Laura Turner
- Alexis Madrigal
- Bonnie Mercer
- Vanessa Hutchinson
- Katherine Powell
- Jenn W.
- Elisabeth
- Annie Chester
- Melissa Marion
- Tracy Burkholder
- Jessyca Murphy
- Johanna Marie

Jenny Odell
964 Round Parts of Wastewater Treatment Plants(2009-2011)
<http://www.jennyodell.com/>



Random Darknet Shopper(2015)

<https://wwwwwwwwwwwwwwwwwwwwwwwwwwwwww.bitnik.org/r/>



rhizome.org Artbase

RHIZOME Journal Artbase Community Programs



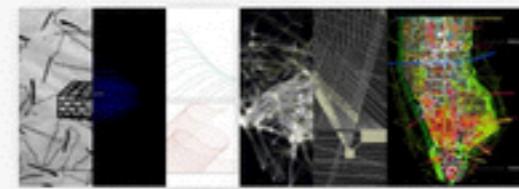
COLLECTIONS

Formalism & Glitch



These works highlight practices that embrace the aesthetics and formal qualities inherent in the web, operating systems, software errors, and glitches.

Code



These works embody three of the oldest creative practices existing at the intersection of art & computation: Data Visualisation, and Generative, and parametric art.

Digital Archivalism

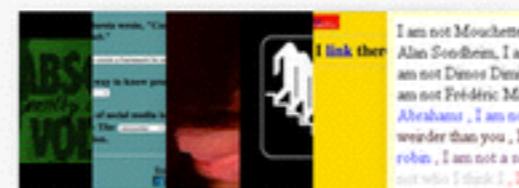


Artistic practices have long involved modes of collecting and archivalism. This collection seeks to highlight these strategies in dialog with internet based practices.

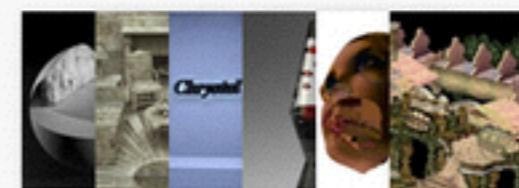
Tactical Media



Net.art and Hypertext



Rendered Reality



[Artbase »](#) Browse Member Exhibitions About Submit

About Us Membership

This week

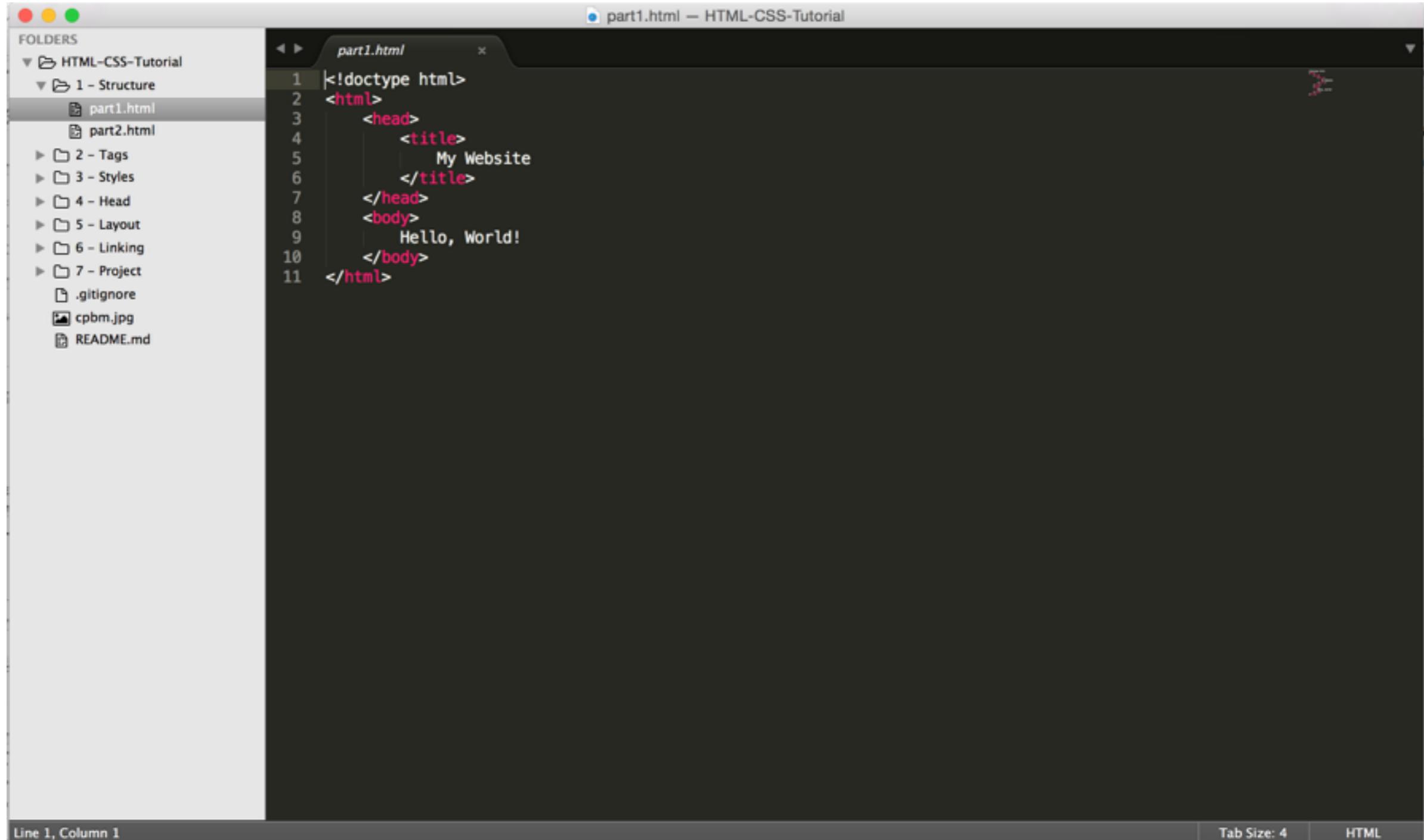
-Working with your Text Editor

-Github/Github Pages

-HTML5, SVG, CSS3

-Bootstrap Framework

Welcome to Sublime Text



The screenshot shows the Sublime Text interface with a dark theme. On the left is a sidebar titled "FOLDERS" showing a project structure:

- HTML-CSS-Tutorial
 - 1 - Structure
 - part1.html
 - part2.html
 - 2 - Tags
 - 3 - Styles
 - 4 - Head
 - 5 - Layout
 - 6 - Linking
 - 7 - Project
 - .gitignore
 - cpbm.jpg
 - README.md

The main editor window title is "part1.html — HTML-CSS-Tutorial". It contains the following HTML code:

```
<!doctype html>
<html>
  <head>
    <title>
      My Website
    </title>
  </head>
  <body>
    Hello, World!
  </body>
</html>
```

The status bar at the bottom shows "Line 1, Column 1" on the left, "Tab Size: 4" in the center, and "HTML" on the right.

**Sublime Text is a sophisticated text editor for code, markup and prose.
It has a great user interface, extraordinary features and amazing performance.**

Welcome to Sublime Text

File
Navigator



Code
Helpers

```
<!doctype html>
<html>
  <head>
    <title>
      My Website
    </title>
    <scr
      </he> script <script>
      <bod> script Tag
      script Tag
      </bo>
      <html> src
      defer
      language
      scrolling
      source
```

Line 7, Column 13 Tab Size: 4 HTML

Make friends with your editor

You will be using it a lot and will want to become efficient.

For this class we are using Sublime Text. Some other popular choices are:

Brackets:

<http://brackets.io>

Atom:

<https://atom.io/>

Play around and find one that suits you!

Shortcuts

Select Next Match of a Selection:  + 

```
12 <nav class="main-nav">
13   <ul>
14     <li><a href="#">Link</a></li>
15     <li><a href="#">Link</a></li>
16     <li><a href="#">Link</a></li>
17   </ul>
18 </nav>
```

Shortcuts

Select All Matches of a Selection: **CTRL + ⌘ + G**

```
12 <nav class="main-nav">
13 <ul>
14   <li><a href="#">Example Link</a></li>
15   <li><a href="#">Example Link</a></li>
16   <li><a href="#">Example Link</a></li>
17 </ul>
18 </nav>
```

Shortcuts

Move Line Up or Down: **CTRL** + **⌘** + **↑** or **↓**

```
12 <nav class="main-nav">
13   <ul>
14     <li><a href="#">Contact</a></li>
15     <li><a href="#">Home</a></li>
16     <li><a href="#">About</a></li>
17   </ul>
18 </nav>
```

Shortcuts

Sublime Text Cheatsheet

[http://www.cheatography.com/martinprins/cheat-sheets/
sublime-text-3-osx/](http://www.cheatography.com/martinprins/cheat-sheets/sublime-text-3-osx/)

Package Control

<https://packagecontrol.io>

Package Control gives you access to a huge amount of useful plugins

The screenshot shows a dark-themed interface of the Package Control application. In the top search bar, the text 'html' is typed. Below the search bar, a list of packages is displayed, each with a name, a brief description, and installation information.

- HTMLBeautify**
A plugin for Sublime Text that formats (inde...It makes code easier for humans to read
install v2015.02.23.20.05.55; github.com/rareyman/HTMLBeautify
- HTML Compressor**
Sublime Text 2 Html-compressor plugin
install v2013.05.02.11.47.22; github.com/darkdelphin/Html-compressor
- HTML Extended**
HTML syntax Sublime Text definition which supports Web Components ..." in tag names
install v0.2.0; github.com/orizens/html-extended
- HTML Minifier**
A Sublime text Plugin to minify HTML5, CSS3 and Javascript code
install v1.4.0; github.com/geekpradd/sublime-html5-minifier
- HTML Mustache**
Adds HTML Mustache as a language to Sublime Text 2, with snippets.
install v1.0.0; github.com/adamchainz/SublimeHTMLMustache
- HTML Snippets**
A set of custom HTML snippets for Sublime Text
install v2014.10.19.23.32.16; github.com/joshnh/HTML-Snippets

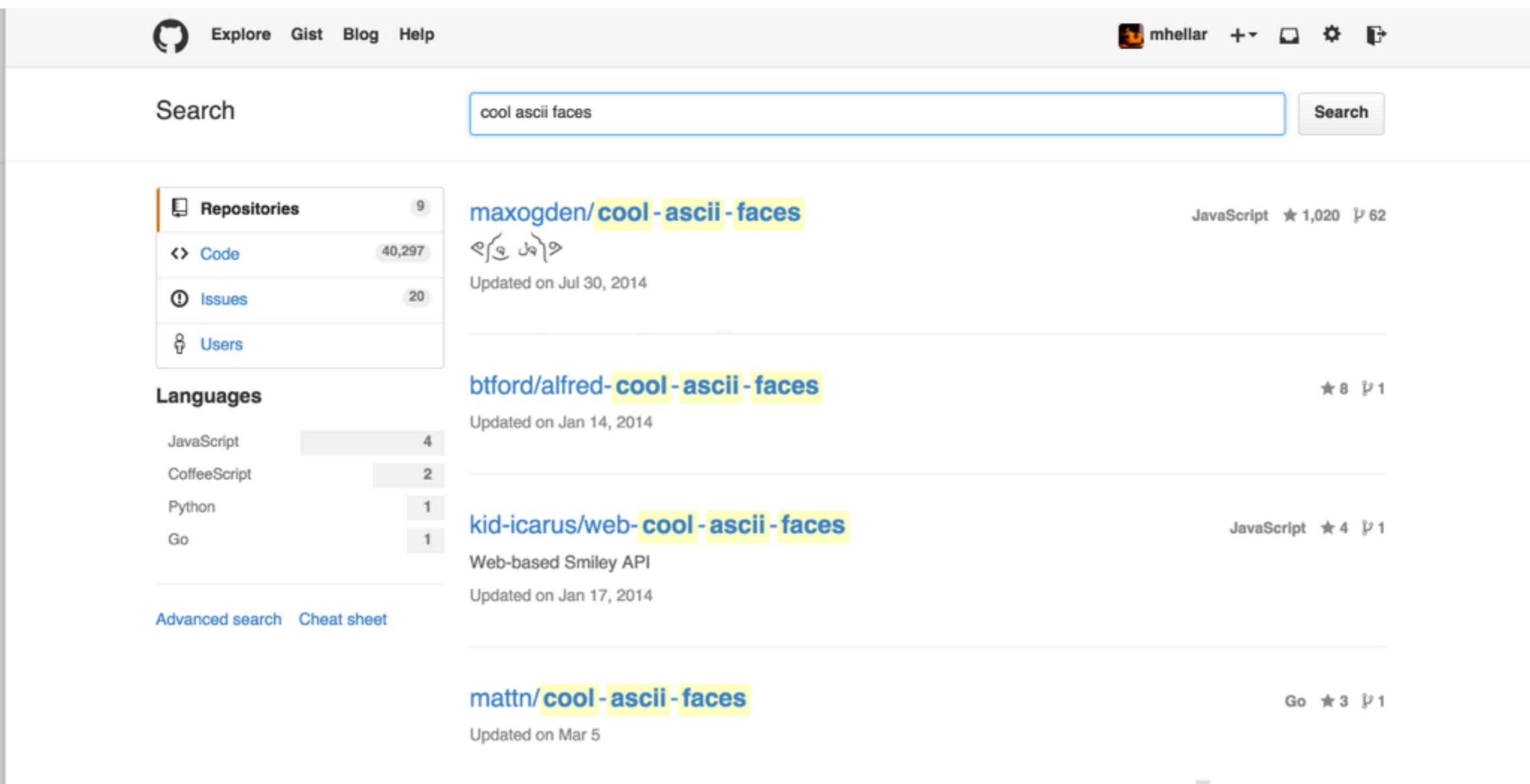
Introducing Github



Introducing Github

- Github is a service which stores code for your personal or public projects in the cloud
- Github utilizes git, a command-line tool for code for developers to maintain their code projects

It's also a place to explore cool code and much more!



A screenshot of a GitHub search results page. The search bar at the top contains the query "cool ascii faces". The results list four repositories:

- maxogden/cool-ascii-faces** (JavaScript, 1,020 stars, 62 forks) - Updated on Jul 30, 2014. Description: A collection of ASCII art faces.
- btford/alfred-cool-ascii-faces** (JavaScript, 8 stars, 1 fork) - Updated on Jan 14, 2014. Description: A collection of ASCII art faces for Alfred.
- kid-icarus/web-cool-ascii-faces** (JavaScript, 4 stars, 1 fork) - Updated on Jan 17, 2014. Description: A Web-based Smiley API.
- mattn/cool-ascii-faces** (Go, 3 stars, 1 fork) - Updated on Mar 5. Description: A Go library for generating ASCII art faces.

The left sidebar shows navigation links: Explore, Gist, Blog, Help, and a user profile for mhellar. It also displays repository statistics: 9 repositories, 40,297 code files, 20 issues, and 1 user.

Repositories 9

Code 40,297

Issues 20

Users

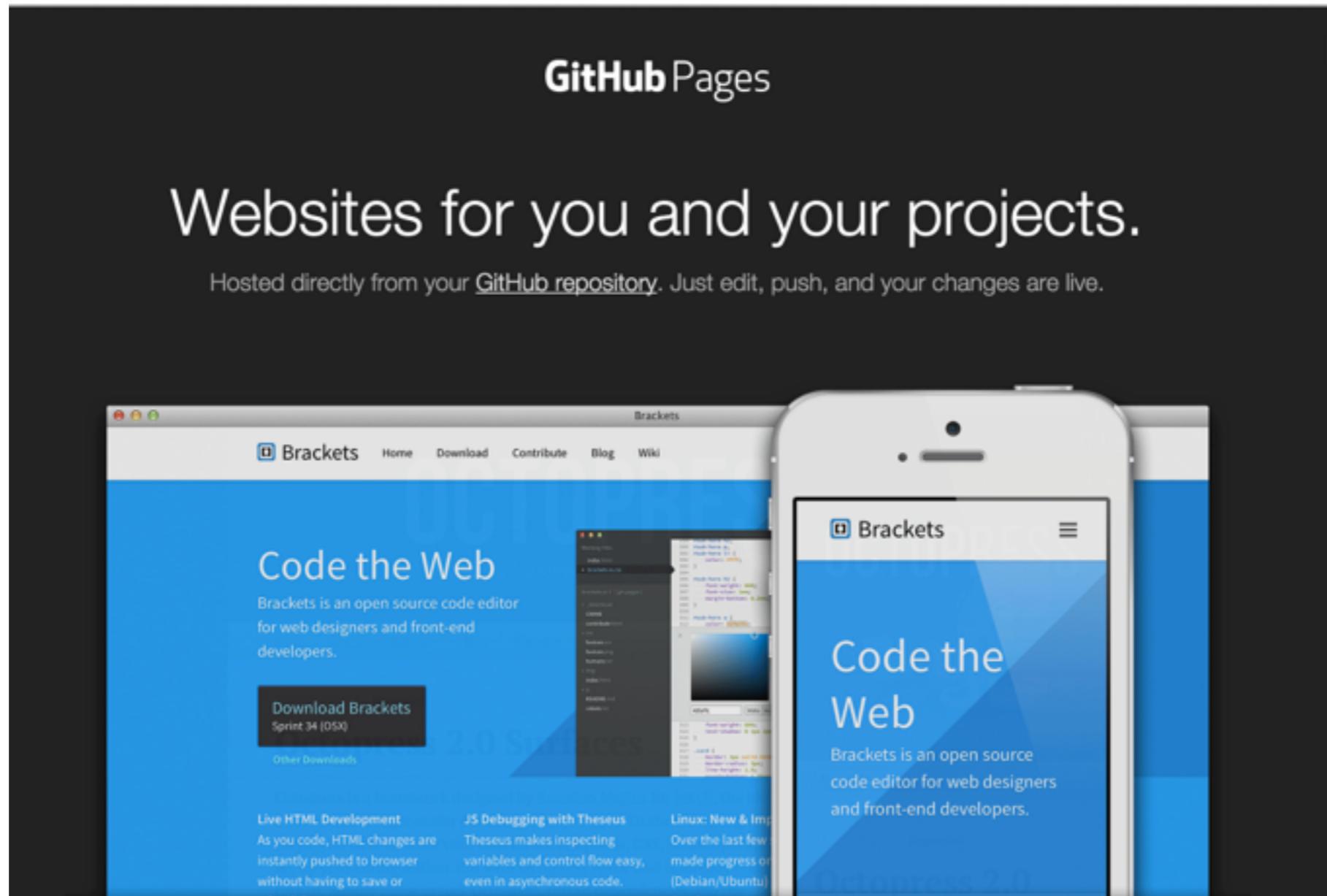
Languages

- JavaScript 4
- CoffeeScript 2
- Python 1
- Go 1

[Advanced search](#) [Cheat sheet](#)

Introducing Github Pages

Github introduced Pages as way for developers to use their Github repositories as a platform for showcasing the work they were engaged in



That's a perfect place for us to make a Website!

Creating A Public Github Page

Create a repository

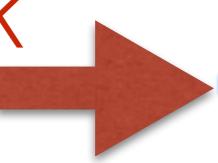
Head over to GitHub and create a new repository named `username.github.io`, where `username` is your username (or organization name) on GitHub.



Head over to GitHub and create a new repository named `username.github.io`, where `username` is your username (or organization name) on GitHub.

If the first part of the repository doesn't **exactly match your username**, it won't work, so make sure to get it right.

Check
This



Owner / Repository name ✓

Great repository names are short and memorable. Need inspiration? How about [turbo-dangerzone](#).

Description (optional)

 **Public**
Anyone can see this repository. You choose who can commit.

 **Private**
You choose who can see and commit to this repository.

Initialize this repository with a README
This will let you immediately clone the repository to your computer. Skip this step if you're importing an existing repository.

Add .gitignore: Add a license: ⓘ

Create repository

Congratulations! This is your new repository

My GitHub Page! — Edit

1 commit 1 branch 0 releases 1 contributor

branch: master mhellar.github.io / +

Initial commit

 mhellar authored 2 minutes ago latest commit b87498baae

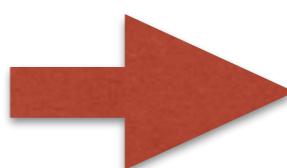
 README.md Initial commit 2 minutes ago

 README.md

mhellar.github.io

My GitHub Page!

Now, click clone in Desktop
to copy it to your computer



Code

Issues 0

Pull requests 0

Wiki

Pulse

Graphs

Settings

SSH clone URL

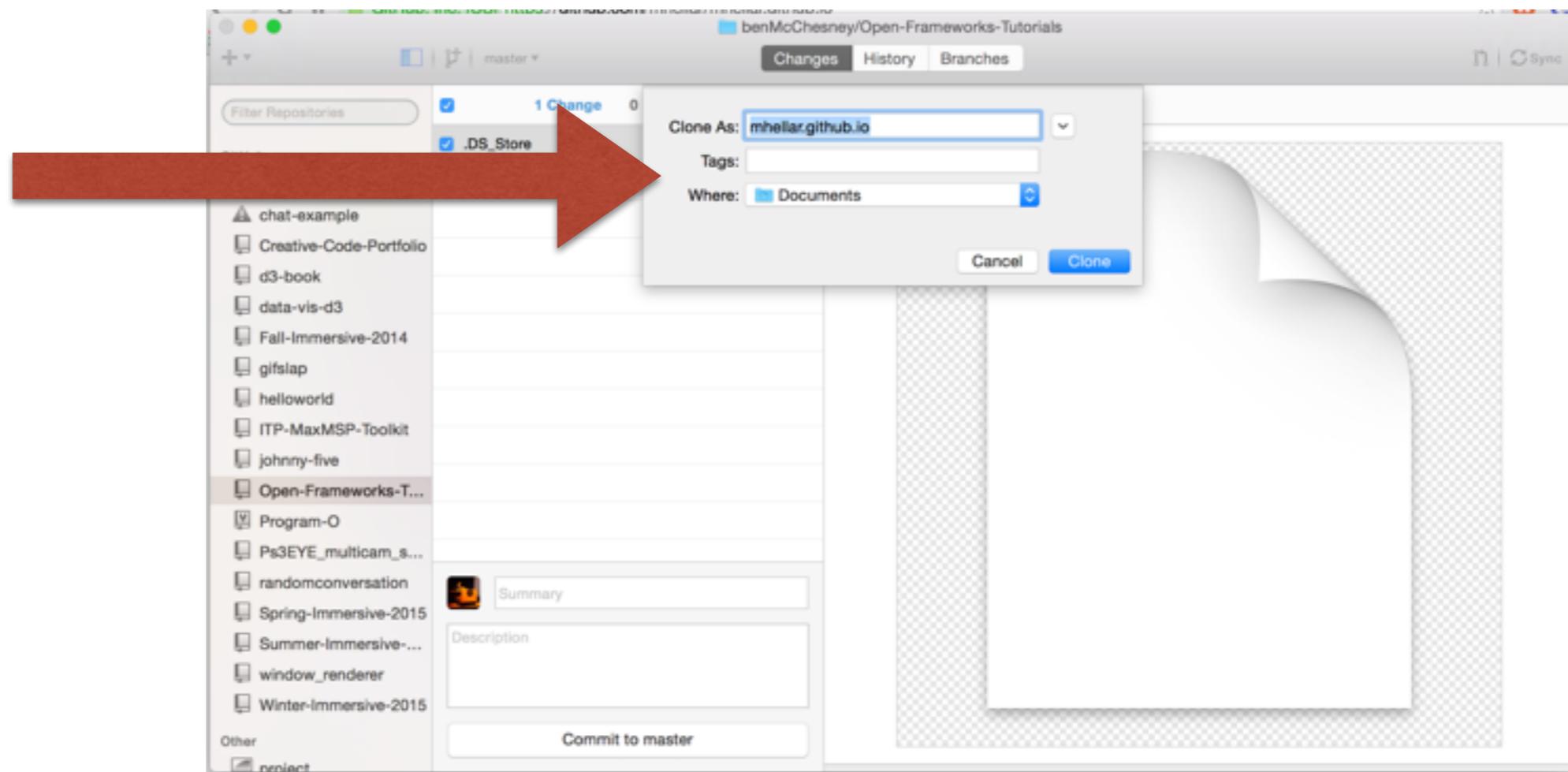
git@github.com:mhel... 

You can clone with [HTTPS](#), [SSH](#), or [Subversion](#). 

 Clone in Desktop

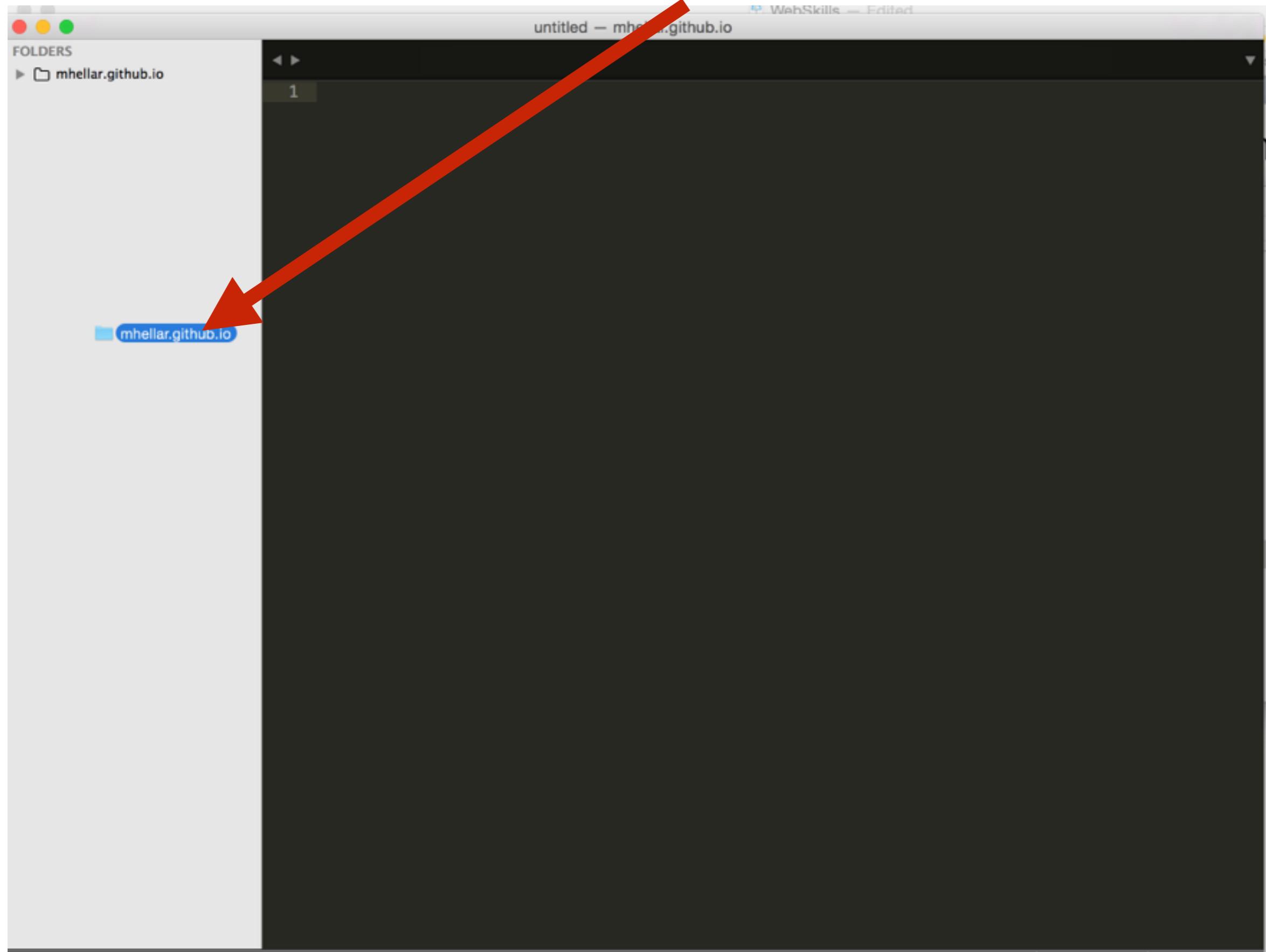
 Download ZIP

Choose a location to store the folder and hit ‘clone’

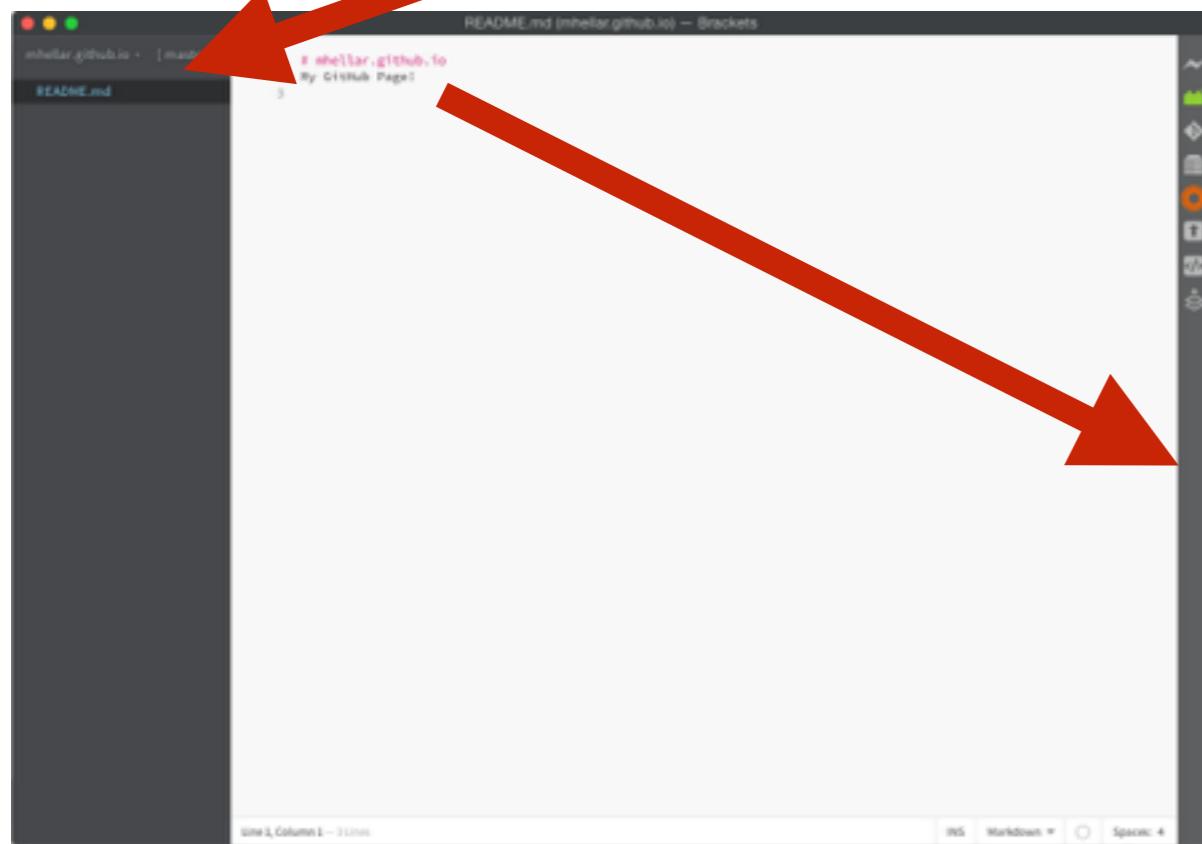


Remember where you cloned it to*

Now drag your Repo folder on to the left pane of Sublime
to open it



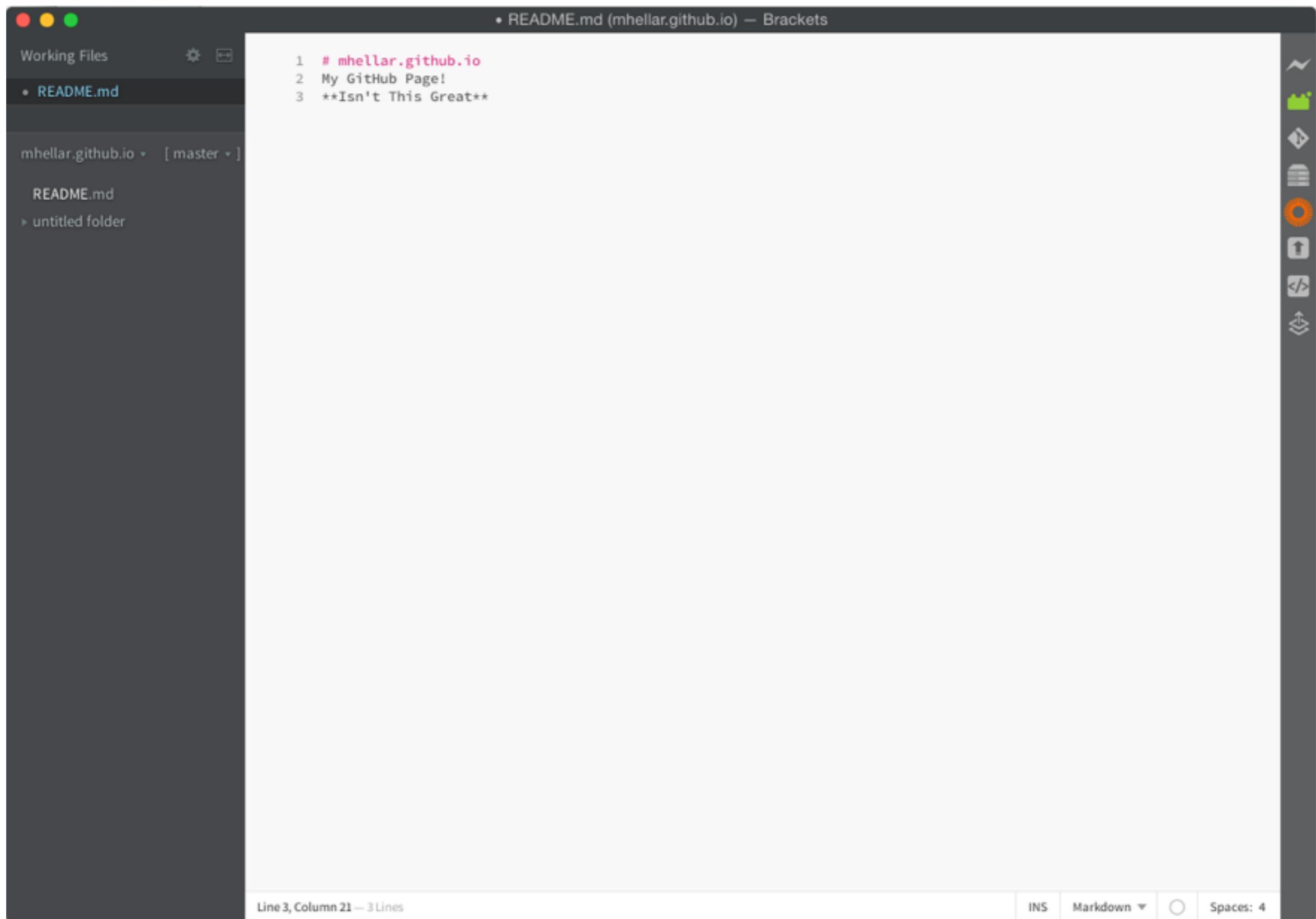
There's not a lot here! Just a README.md



A screenshot of a GitHub repository page for "mhellar / mhellar.github.io". The page title is "My GitHub Page! — Edit". It shows 1 commit, 2 branches, 0 releases, and 1 contributor. The commit details show "mhellar authored an hour ago" and "latest commit b87498baae". The repository contains a single file, "README.md", which is shown in the editor pane. The content of the README.md file is "mhellar.github.io" and "My GitHub Page!". On the right side of the page, there are links for "Code", "Issues", "Pull requests", "Wiki", "Pulse", "Graphs", and "Settings". There is also an SSH clone URL and options to "Clone in Desktop" or "Download ZIP". A large red arrow points from the top right towards the GitHub page URL in the title bar.

It contains the contents of the read me page on the repository

Let's change it! Add some text surrounded by 2 asterisks on each side and then save the file.

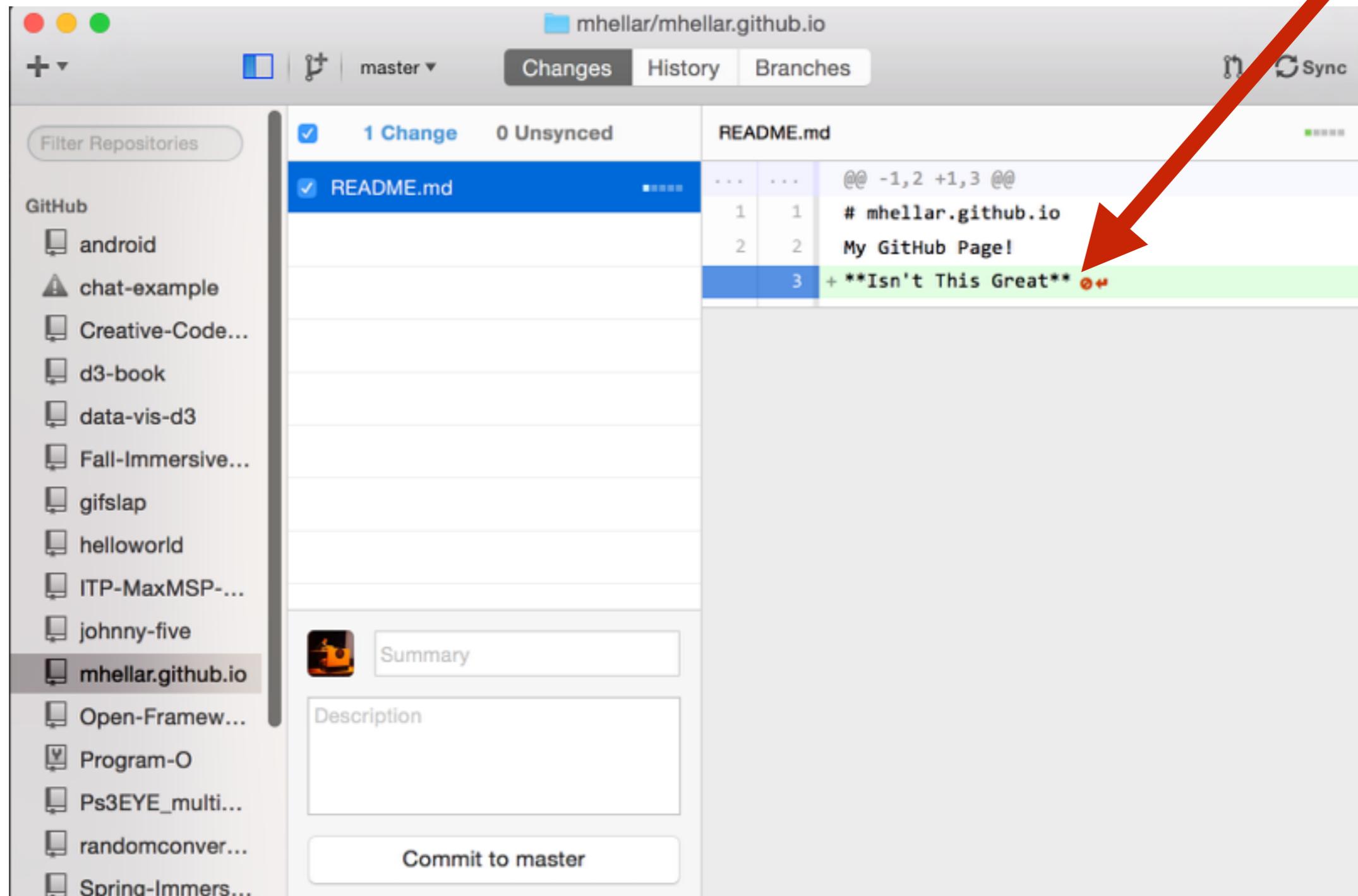


The screenshot shows the Brackets IDE interface. The title bar reads "• README.md (mhellar.github.io) — Brackets". The left sidebar shows "Working Files" with "README.md" selected. Below it, the repository "mhellar.github.io" is shown with a branch "[master]". The main editor area contains the following text:

```
1 # mhellar.github.io
2 My GitHub Page!
3 **Isn't This Great**
```

The right sidebar contains various icons for file operations like copy, paste, and search. The bottom status bar indicates "Line 3, Column 21 — 3 Lines" and includes buttons for "INS", "Markdown", "Spaces: 4", and a circular icon.

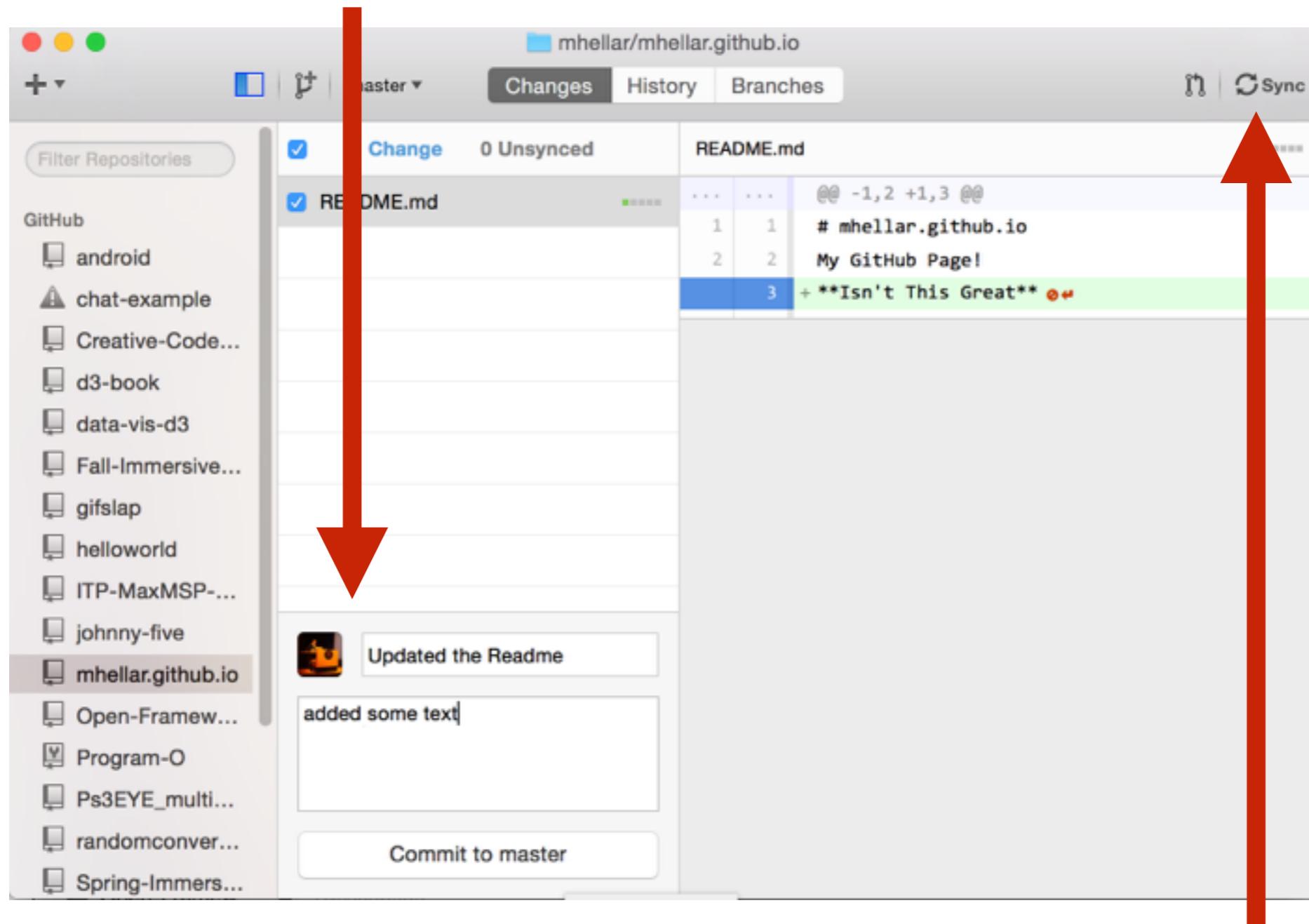
Now after saving the file, I'm going to switch over to the Github app and something Magical has happened



It's shows that I have made changes to the file and what those changes are!

OK, so now I need to ‘push’ those changes back to Github

First add some text describing what you have done, then hit the ‘commit to master’ button.



Finally hit ‘sync’

Now when I refresh my repo page, changes have been published

mhellar / [mhellar.github.io](#) Unwatch ▾ 1

My GitHub Page! — Edit

2 commits 2 branches 0 releases 1 contributor

branch: master [mhellar.github.io](#) / ...

Updated the Readme ...
mhellar authored 6 minutes ago latest commit 92ab6aa0bd [Edit](#)

README.md Updated the Readme 6 minutes ago

README.md

[mhellar.github.io](#)

My GitHub Page! Isn't This Great

Quick note about the README.MD file

Every Github repo has a read file that describes the project

MD stands for Markdown which is a very simple text formatting language, here's a sample of it's syntax:

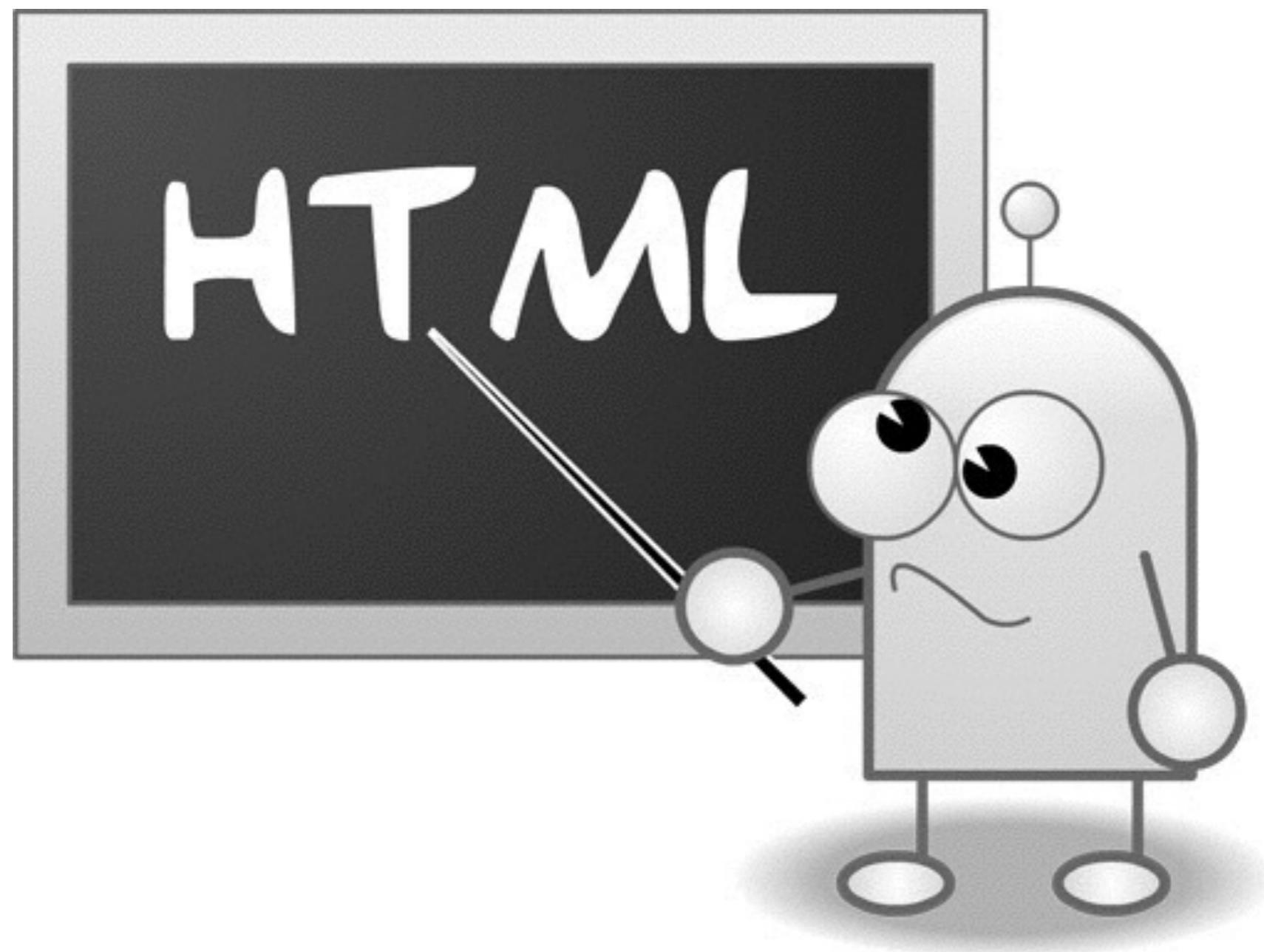
****This text will be italic****

*****This text will be bold*****

Both bold and italic can use either a * or an _ around the text for styling. This allows you to combine both bold and italic if needed.

*****Everyone _must_ attend the meeting at 5 o'clock today.*****

<https://github.com/adam-p/markdown-here/wiki/Markdown-Cheatsheet>



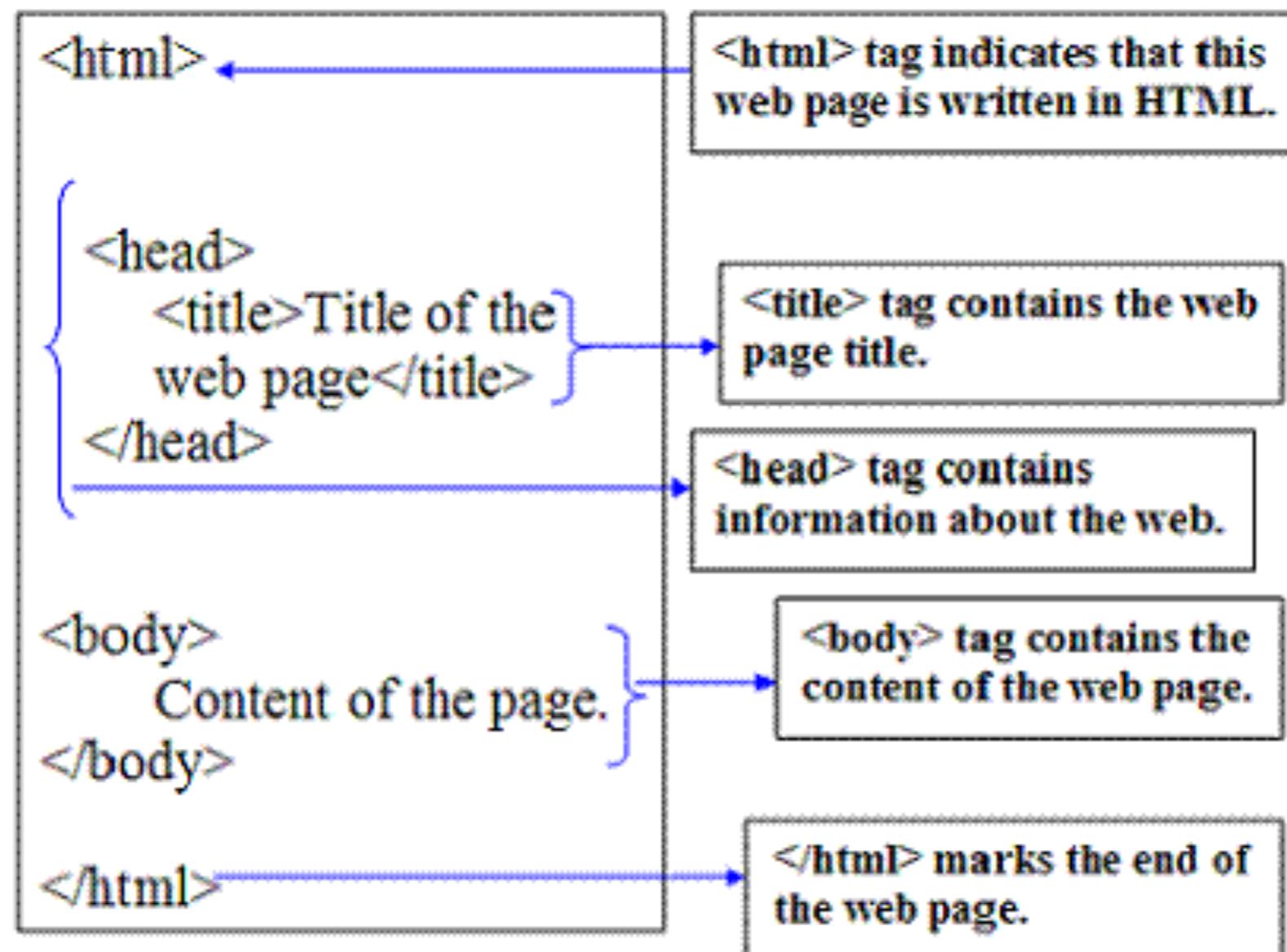
HTML

Hypertext Markup Language is used to structure content for web browsers. HTML is stored in plain text files with the .html suffix. A simple HTML document looks like this:

```
<!DOCTYPE html>
<html>
  <head>
    <title>Page Title</title>
  </head>
  <body>
    <h1>Page Title</h1>
    <p>This is a really interesting paragraph.</p>
  </body>
</html>
```

Content Plus Structure

The core function of HTML is to enable you to “mark up” content, thereby giving it structure.



Anatomy of an HTML Tag

```
<tag attribute="value">  
    Text content that is displayed on the web page.  
</tag>
```

This code isn't valid HTML, but the code in bold defines the name of the part of the code. (More on this in class.)

The Essential “Code” Tags

These are the “behind the scenes” tags used to code a web page. All web pages **must** have these!

- ▶ **html** : defines the beginning and end of an html document
- ▶ **head** : defines the document header information
- ▶ **body** : defines the content—items shown on the web page

Simple blank HTML page:

```
<html>  
    <head>  
    </head>  
    <body>  
    </body>  
</html>
```

Adding Structure with Elements

“**Marking up**” is the process of adding tags to create elements. HTML tags begin with < and end with >, as in <p>, which is the tag indicating a paragraph of text.

Tags usually occur in pairs, in which case adding an opening and closing pair of tags creates a new element in the document structure.

Closing tags are indicated with a slash that closes or ends the element, as in </p>. Thus, a paragraph of text may be marked up like the following:

<p>This is a really interesting paragraph.</p>

Some elements can be nested. For example, here we use the em element to add emphasis.

<p>This is a really interesting paragraph.</p>

When elements are nested, they cannot overlap closures of their parent elements, as doing so would disrupt the hierarchy.

For example:

```
<p>This could cause <em>unexpected</p>
<p>results</em>, and is best avoided.</p>
```

Some tags never occur in pairs, such as the img element, which references an image file. Although HTML no longer requires it, you will sometimes see such tags written in self-closing fashion, with a trailing slash before the closing bracket:

```

```

As of HTML5, the self-closing slash is optional, so the following code is equivalent to the preceding code:

```

```

Some Common elements:

<!DOCTYPE html>

The standard document type declaration. Must be the first thing in the document.

html

Surrounds all HTML content in a document.

head

The document head contains all metadata about the document, such as its title and any references to external stylesheets and scripts.

title

The title of the document. Browsers typically display this at the top of the browser window and use this title when bookmarking a page.

body

Everything not in the head should go in the body. This is the primary visible content of the page.

h1, h2, h3, h4

These let you specify headings of different levels. h1 is a top-level heading, h2 is below that, and so on.

p

A paragraph!

ul, ol, li

Unordered lists are specified with ul, most often used for bulleted lists. Ordered lists (ol) are often numbered. Both ul and ol should include li elements to specify list items.

em

Indicates emphasis. Typically rendered in italics.

strong

Indicates additional emphasis. Typically rendered in boldface.

a

A link. Typically rendered as underlined, blue text, unless otherwise specified.

span

An arbitrary span of text, typically within a larger containing element like p.

div

An arbitrary division within the document. Used for grouping and containing related elements.

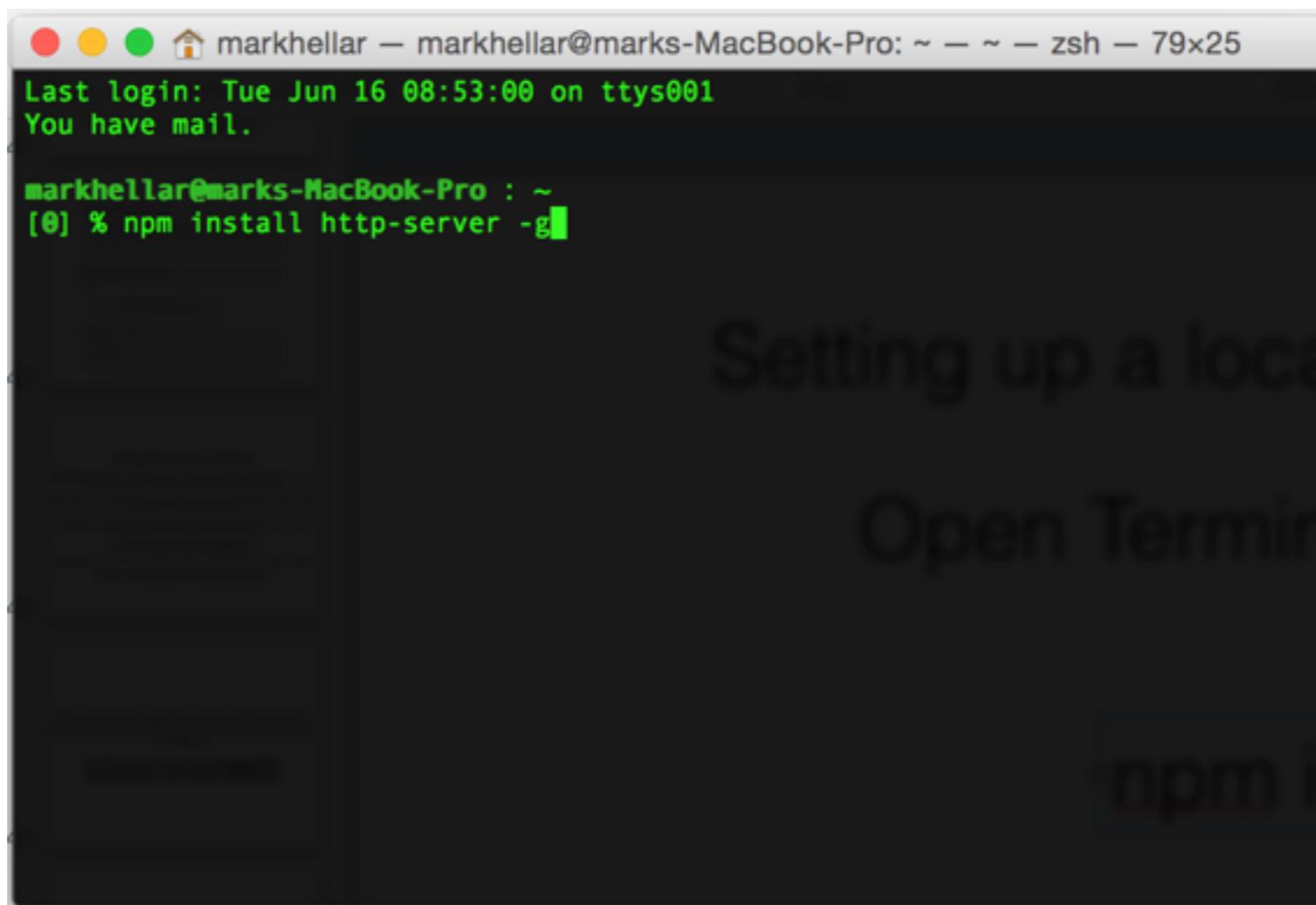
All HTML element reference:

**[https://developer.mozilla.org/en-US/docs/Web/HTML/
Element](https://developer.mozilla.org/en-US/docs/Web/HTML/Element)**

Setting up a local webserver for development

Open Terminal from the Utilities folder and enter the following

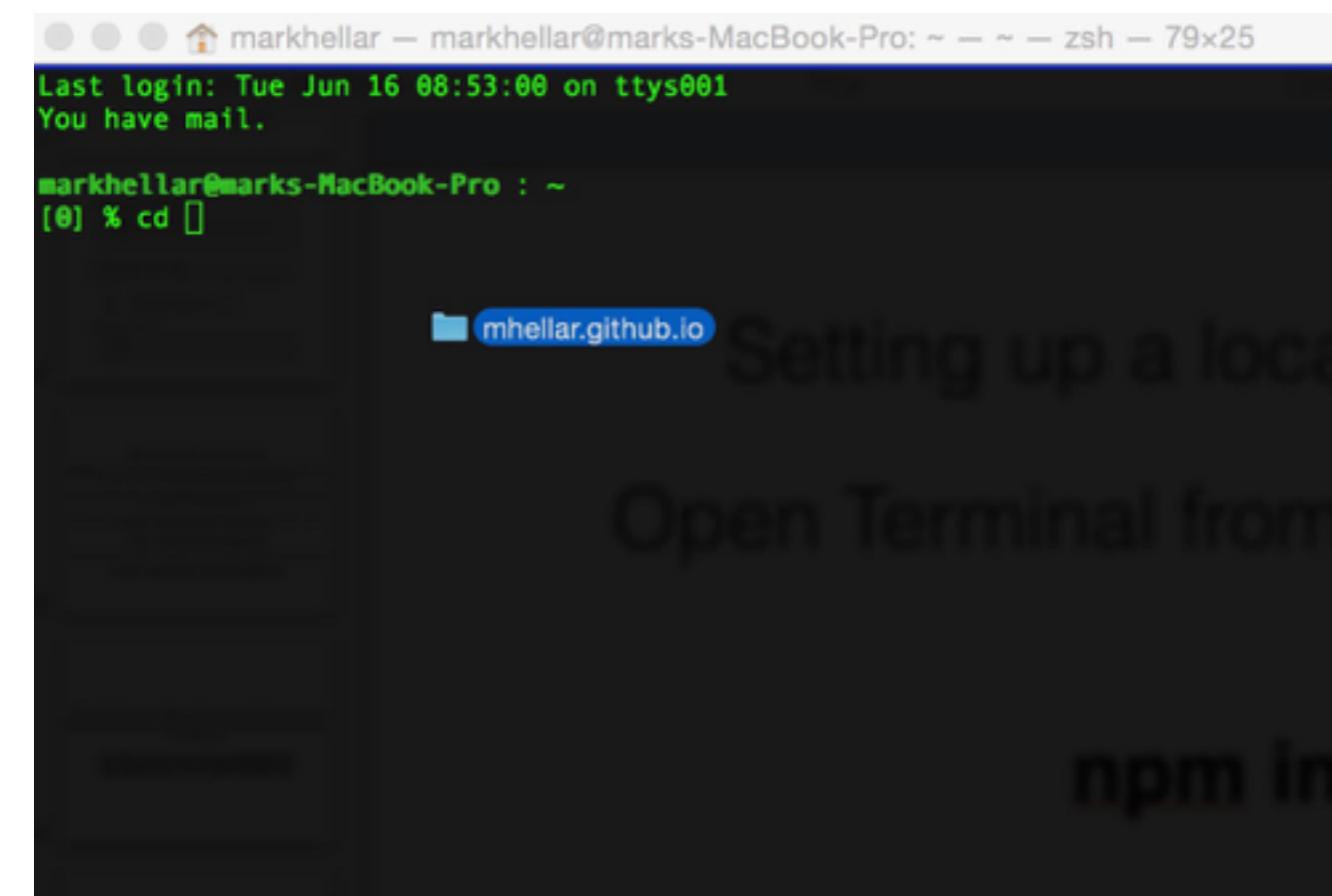
npm install http-server -g



```
markellar — markellar@marks-MacBook-Pro: ~ — zsh — 79x25
Last login: Tue Jun 16 08:53:00 on ttys001
You have mail.

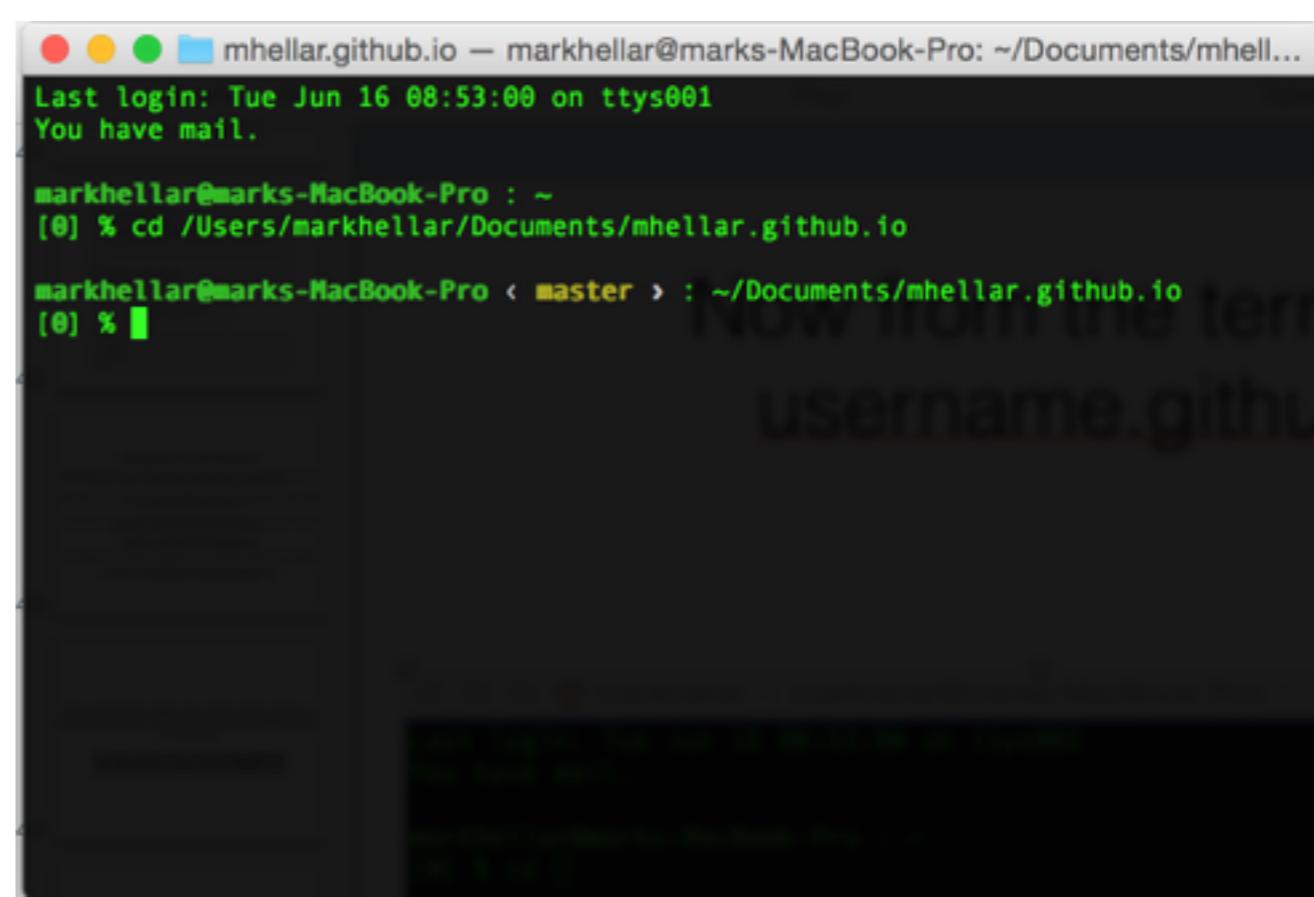
markellar@marks-MacBook-Pro : ~
[0] % npm install http-server -g
```

Now from the terminal, type 'cd' and drag your username.github.io folder onto it. Hit return



```
markhellar — markhellar@marks-MacBook-Pro: ~ — zsh — 79x25
Last login: Tue Jun 16 08:53:00 on ttys001
You have mail.

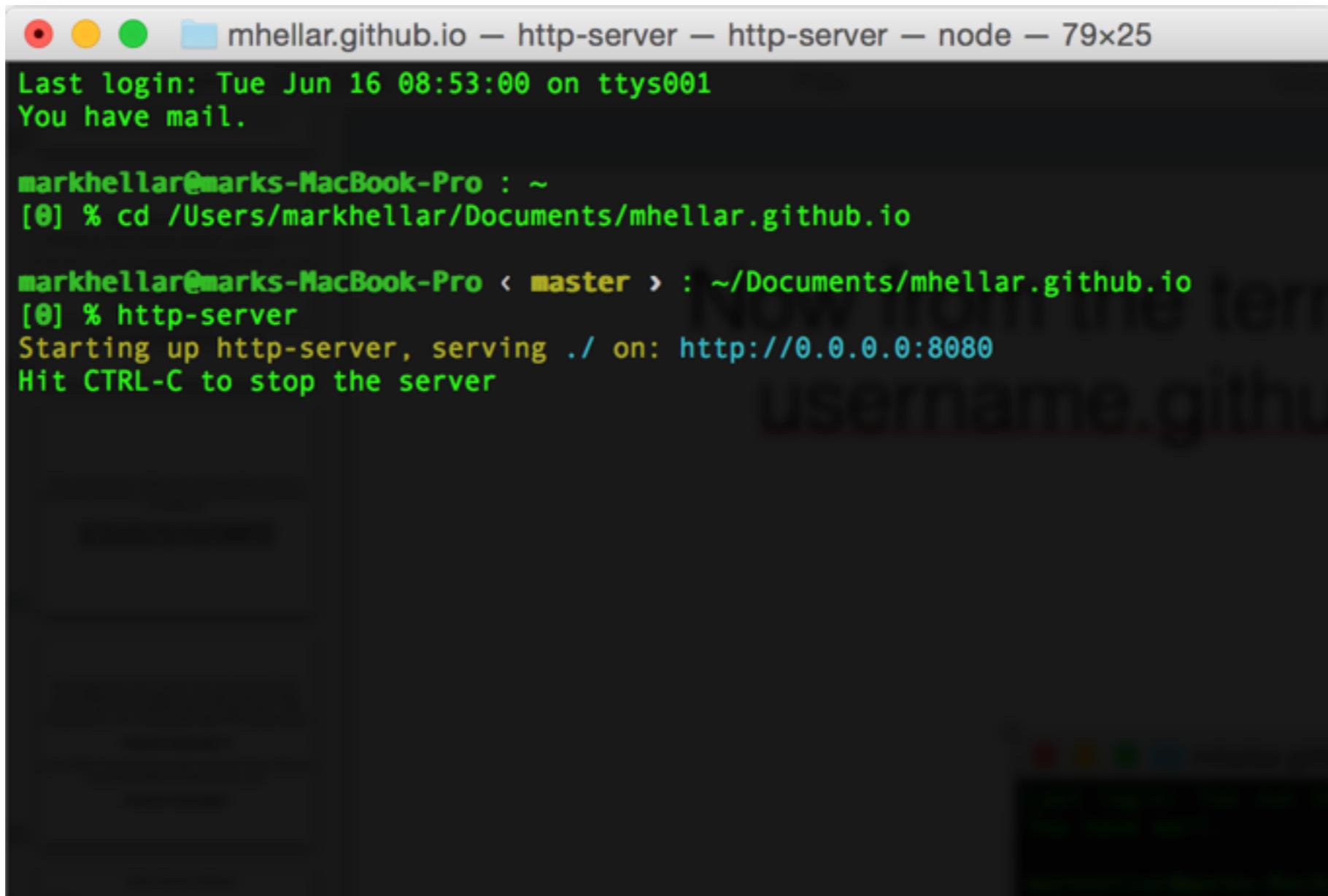
markhellar@marks-MacBook-Pro : ~
[0] % cd [REDACTED]
```



```
markhellar — markhellar@marks-MacBook-Pro: ~/Documents/mhell...
Last login: Tue Jun 16 08:53:00 on ttys001
You have mail.

markhellar@marks-MacBook-Pro : ~
[0] % cd /Users/markhellar/Documents/mhellar.github.io
markhellar@marks-MacBook-Pro < master > : ~/Documents/mhellar.github.io
[0] % █
```

Next type http-server



A screenshot of a macOS terminal window titled "mhellar.github.io – http-server – http-server – node – 79x25". The window shows the following text:

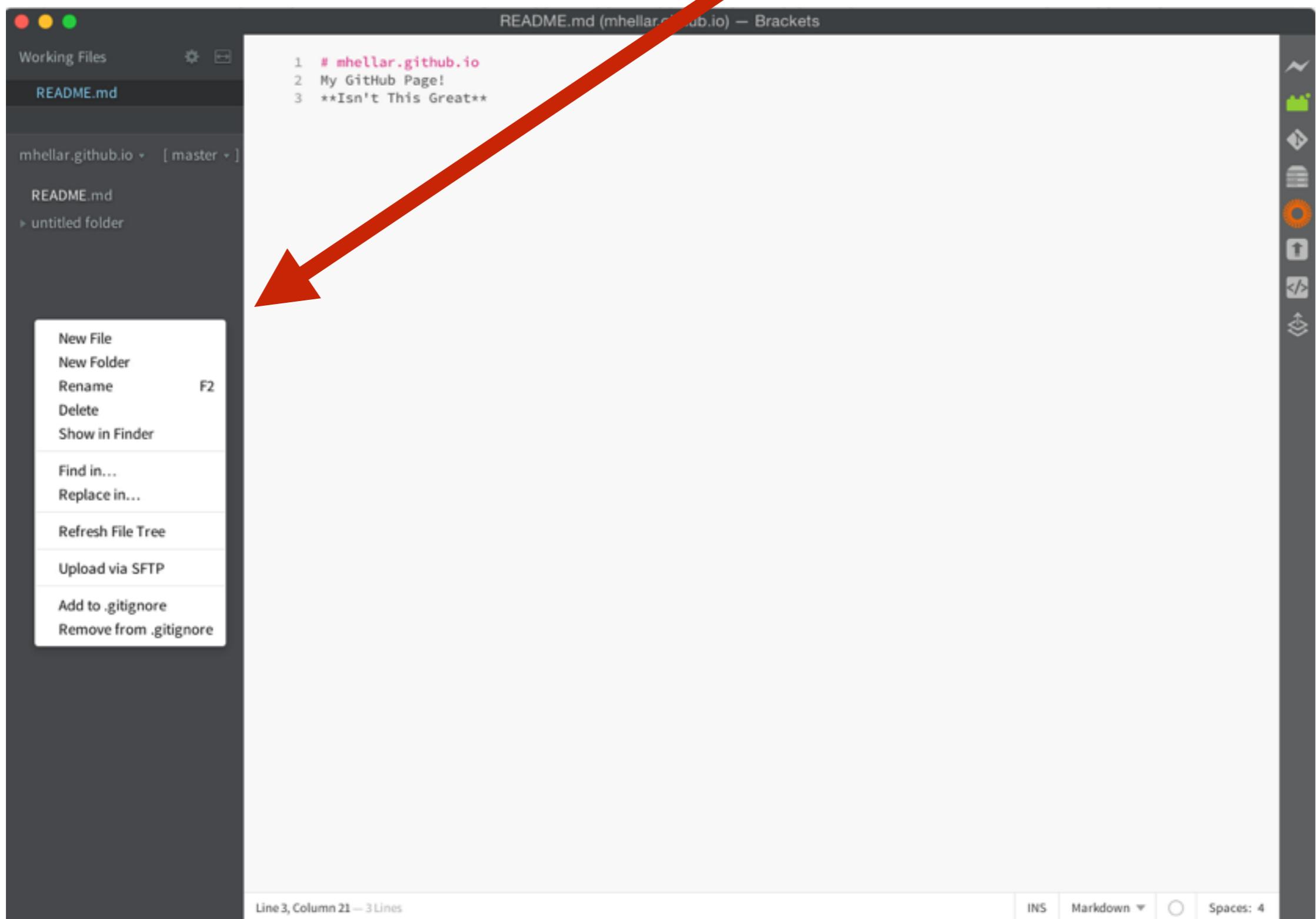
```
Last login: Tue Jun 16 08:53:00 on ttys001
You have mail.

markellar@marks-MacBook-Pro : ~
[0] % cd /Users/markellar/Documents/mhellar.github.io

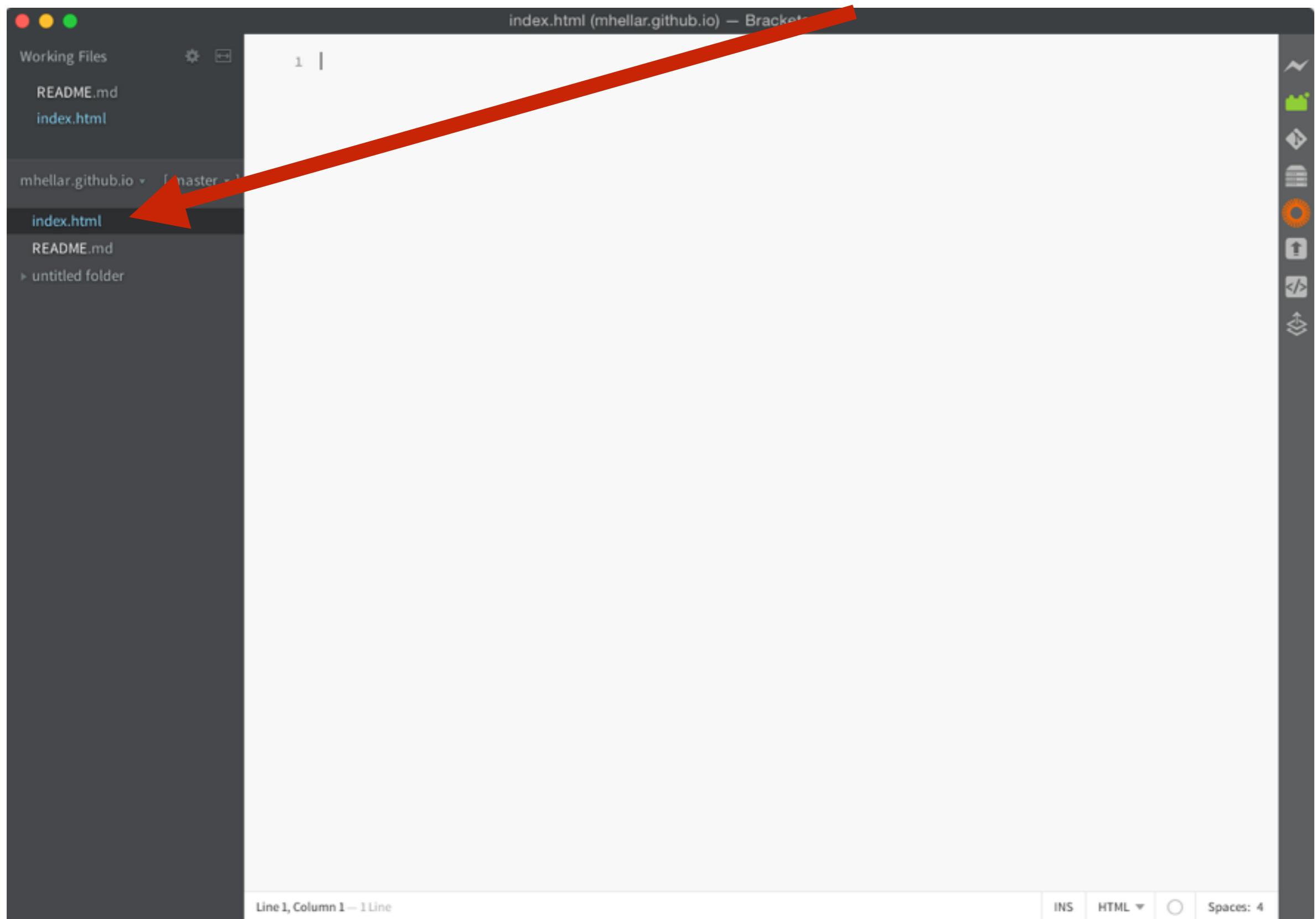
markellar@marks-MacBook-Pro < master > : ~/Documents/mhellar.github.io
[0] % http-server
Starting up http-server, serving ./ on: http://0.0.0.0:8080
Hit CTRL-C to stop the server
```

You can now browse to the server in your browser at this address

Lets try it out:
Right click on the left pane and choose 'new file'

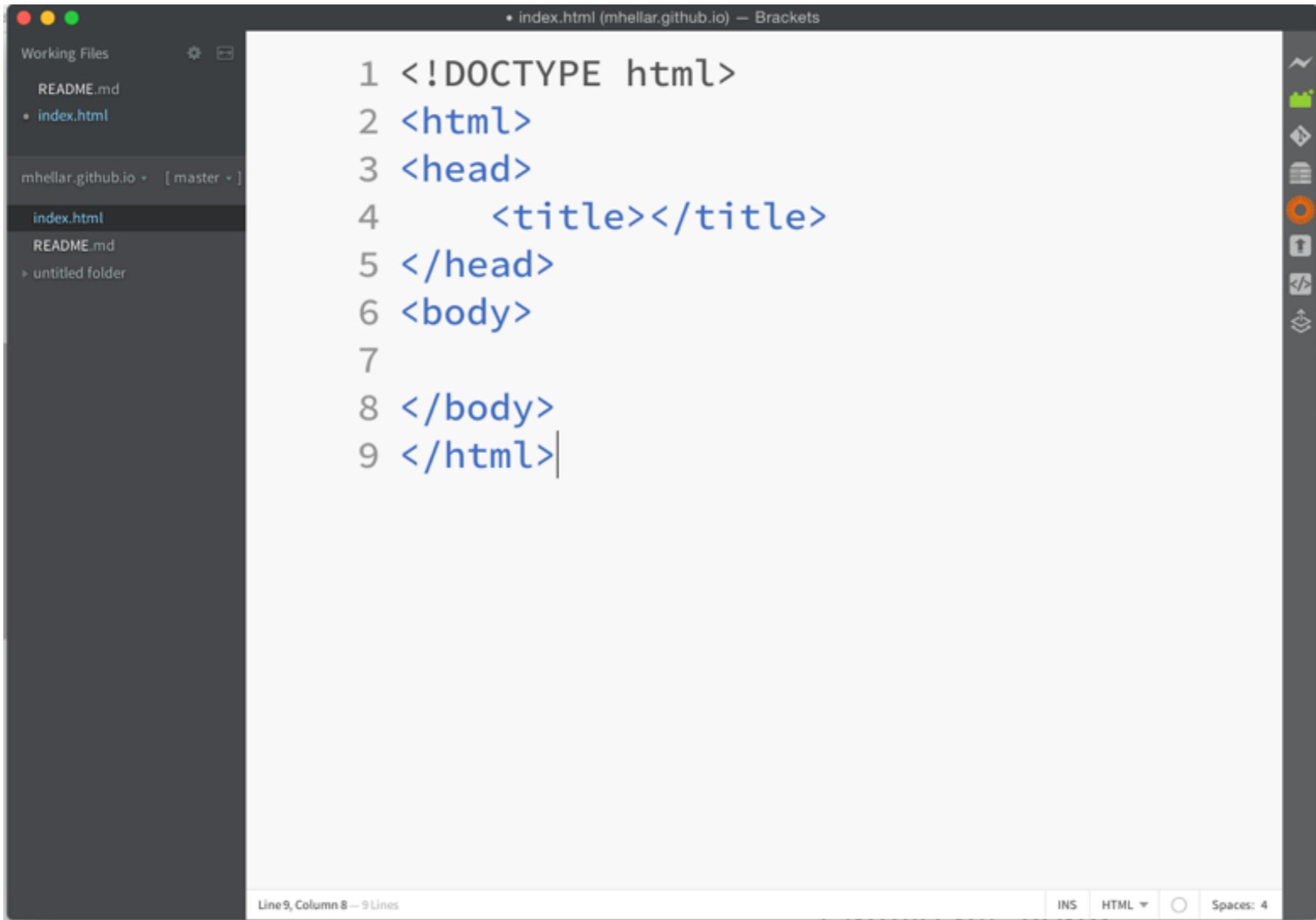


Lets try it out:
Name that file ‘index.html’



'index.html' is typically the name of the main webpage

Now type this in(no line numbers)



The screenshot shows the Brackets IDE interface. The title bar reads "index.html (mhellar.github.io) — Brackets". The left sidebar lists "Working Files" with "README.md" and "index.html" selected. Below that is a repository view for "mhellar.github.io" with "master" checked, showing "index.html", "README.md", and an "untitled folder". The main editor area contains the following HTML code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title></title>
5 </head>
6 <body>
7
8 </body>
9 </html>
```

The status bar at the bottom indicates "Line 9, Column 8 — 9 Lines" and includes buttons for "INS", "HTML", "Spaces: 4", and a ruler icon.

Let's pick some tags and play around!

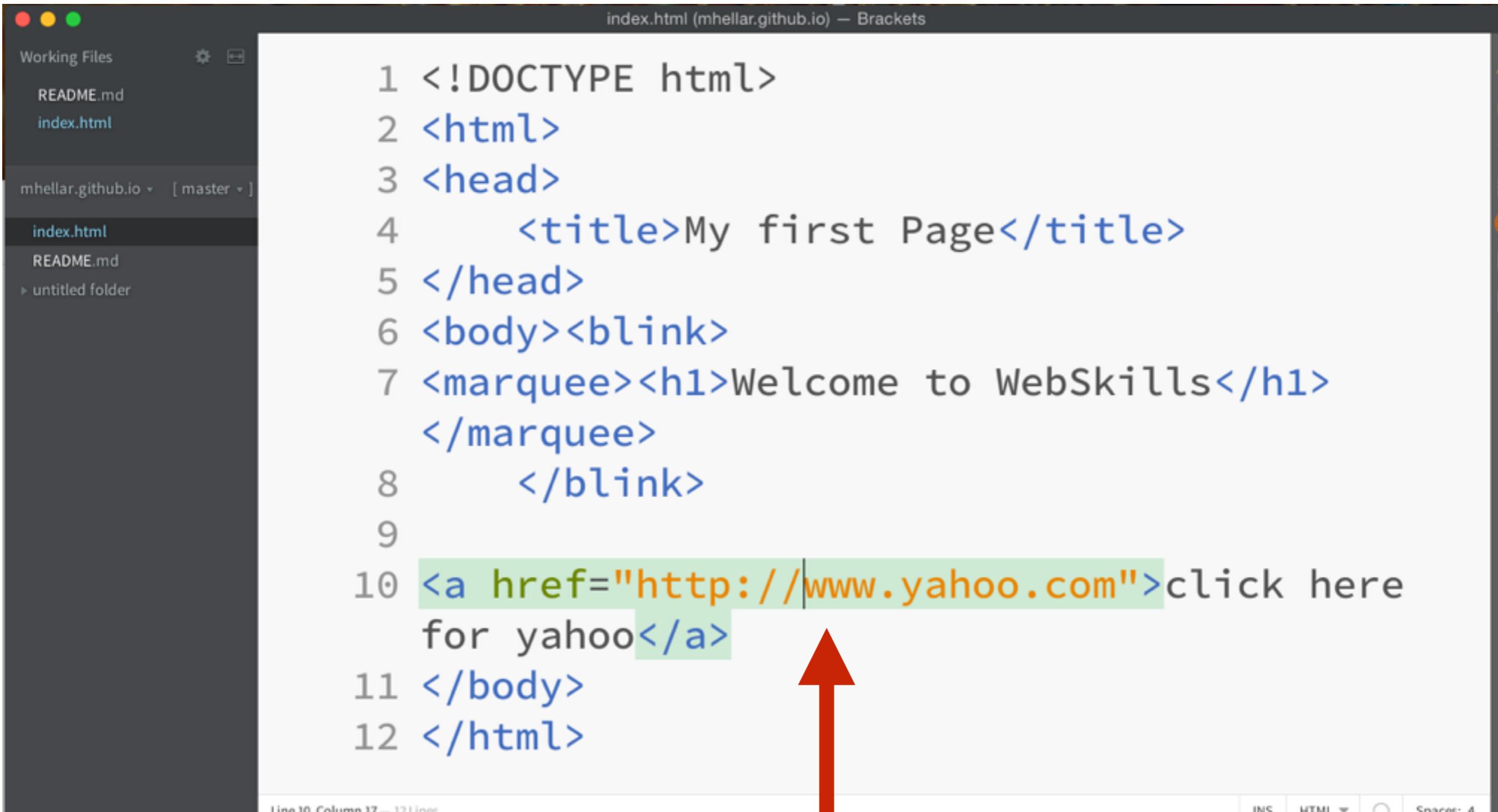


The screenshot shows the Brackets IDE interface. The title bar reads "index.html (mhellar.github.io) — Brackets". The left sidebar lists "Working Files" with "index.html" selected, and a repository view for "mhellar.github.io" showing "index.html", "README.md", and "untitled folder". The main editor area contains the following HTML code:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>My first Page</title>
5 </head>
6 <body><blink>
7 <marquee><h1>Welcome to WebSkills</h1></marquee>
8 </blink>
9 </body>
10 </html>
```

The status bar at the bottom indicates "Line 10, Column 8 — 10 Lines" and includes buttons for "INS", "HTML", and "Spaces: 4".

You can add a link with the anchor tag <a>



The screenshot shows the Brackets IDE interface with the file 'index.html' open. The code editor displays the following HTML structure:

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4     <title>My first Page</title>
5 </head>
6 <body><blink>
7 <marquee><h1>Welcome to WebSkills</h1>
8 </marquee>
9 </blink>
10 <a href="http://www.yahoo.com">click here
11     for yahoo</a>
12 </body>
13 </html>
```

A red arrow points upwards from the explanatory text below to the 'href' attribute of the anchor tag on line 10.

anchor has an attribute called href that point to where you want to link to

You can add a link with the anchor tag <a>

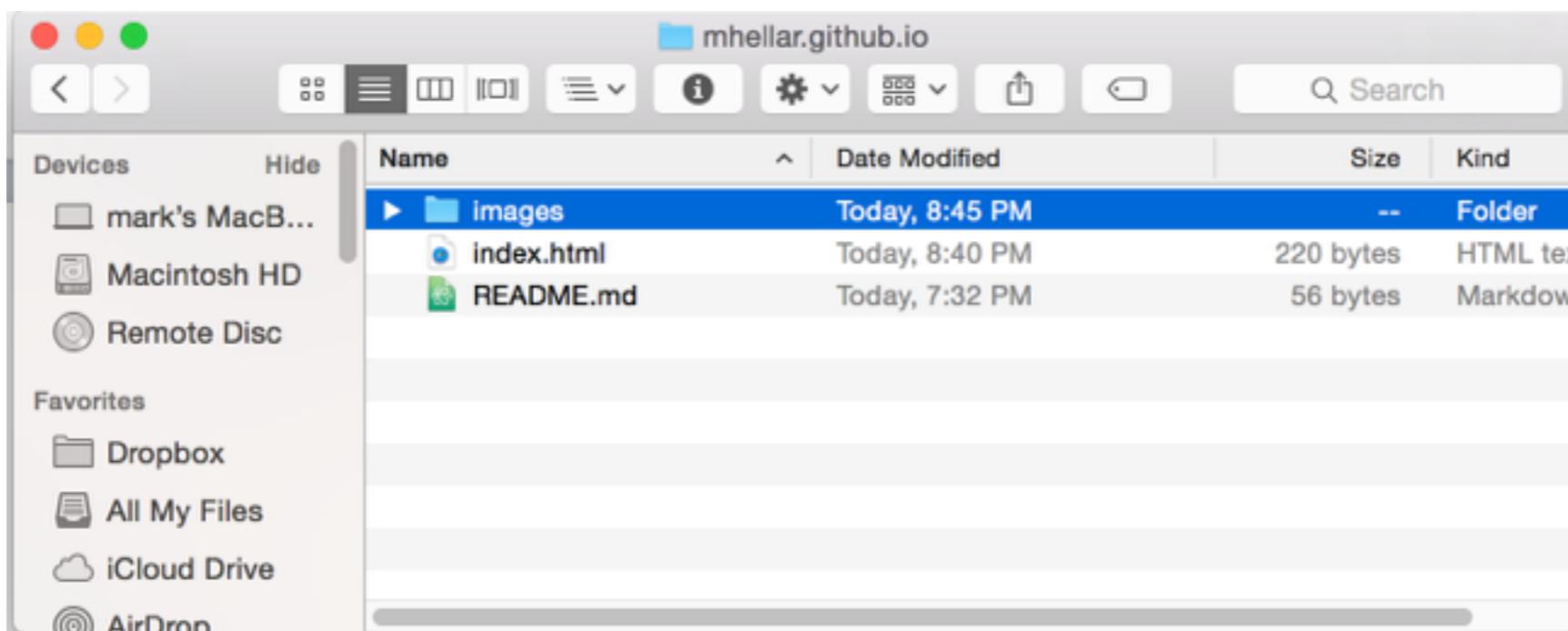
```
10 <a  
    href="http://www.yahoo.com">click  
    here for yahoo</a>
```

[click here for yahoo](http://www.yahoo.com)

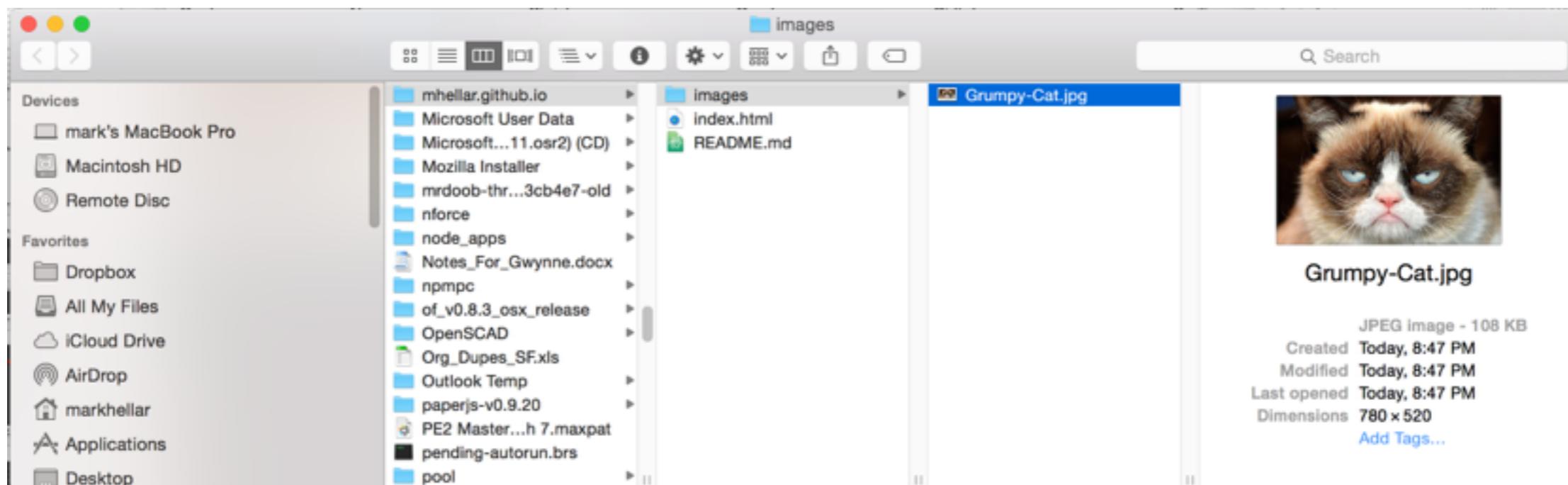


Text between the opening and closing anchor tags shows up as a clickable link

Now lets add an image



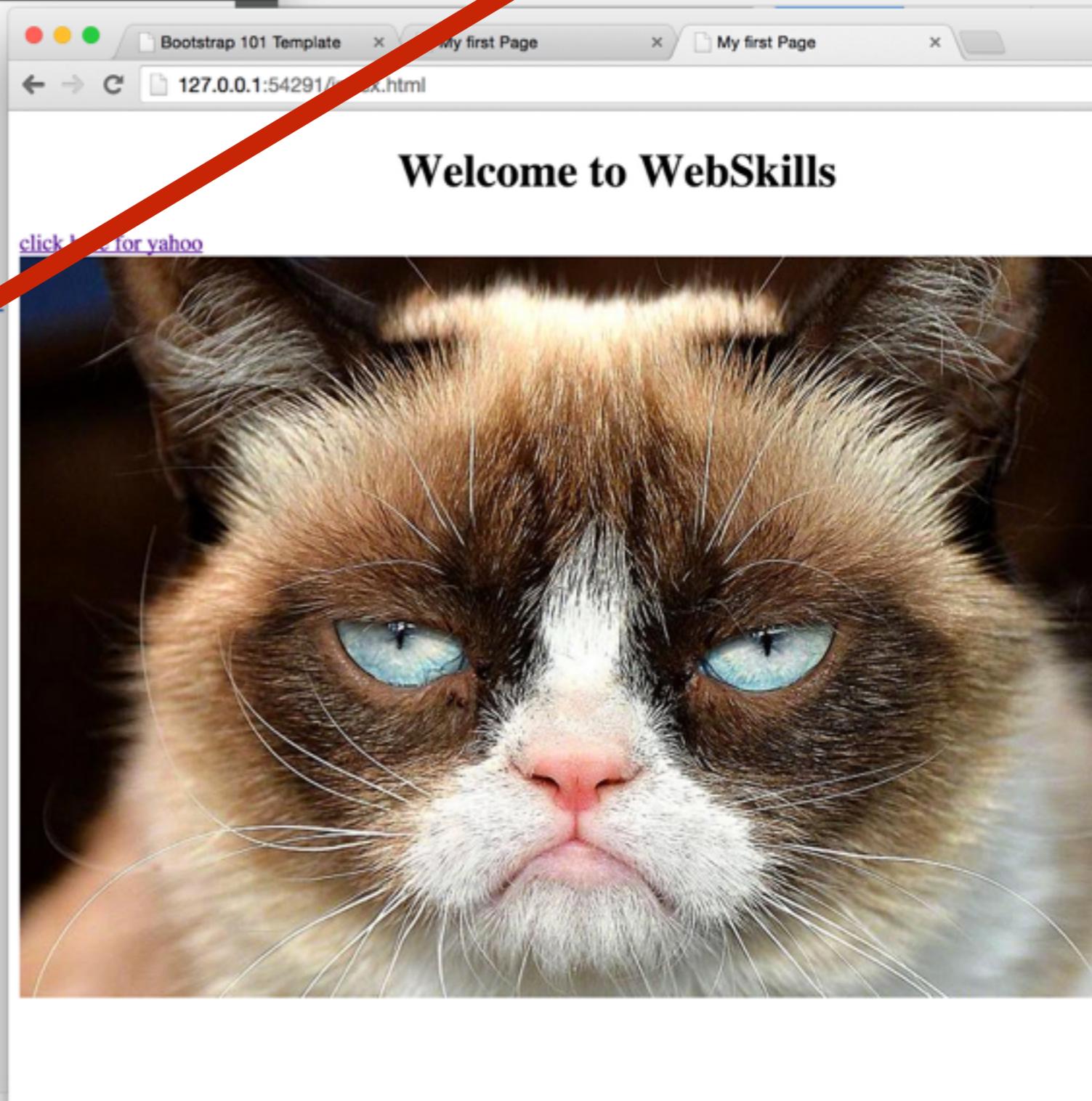
First go to your local repo folder and make a new folder called images



Find an image and place it in the images folder

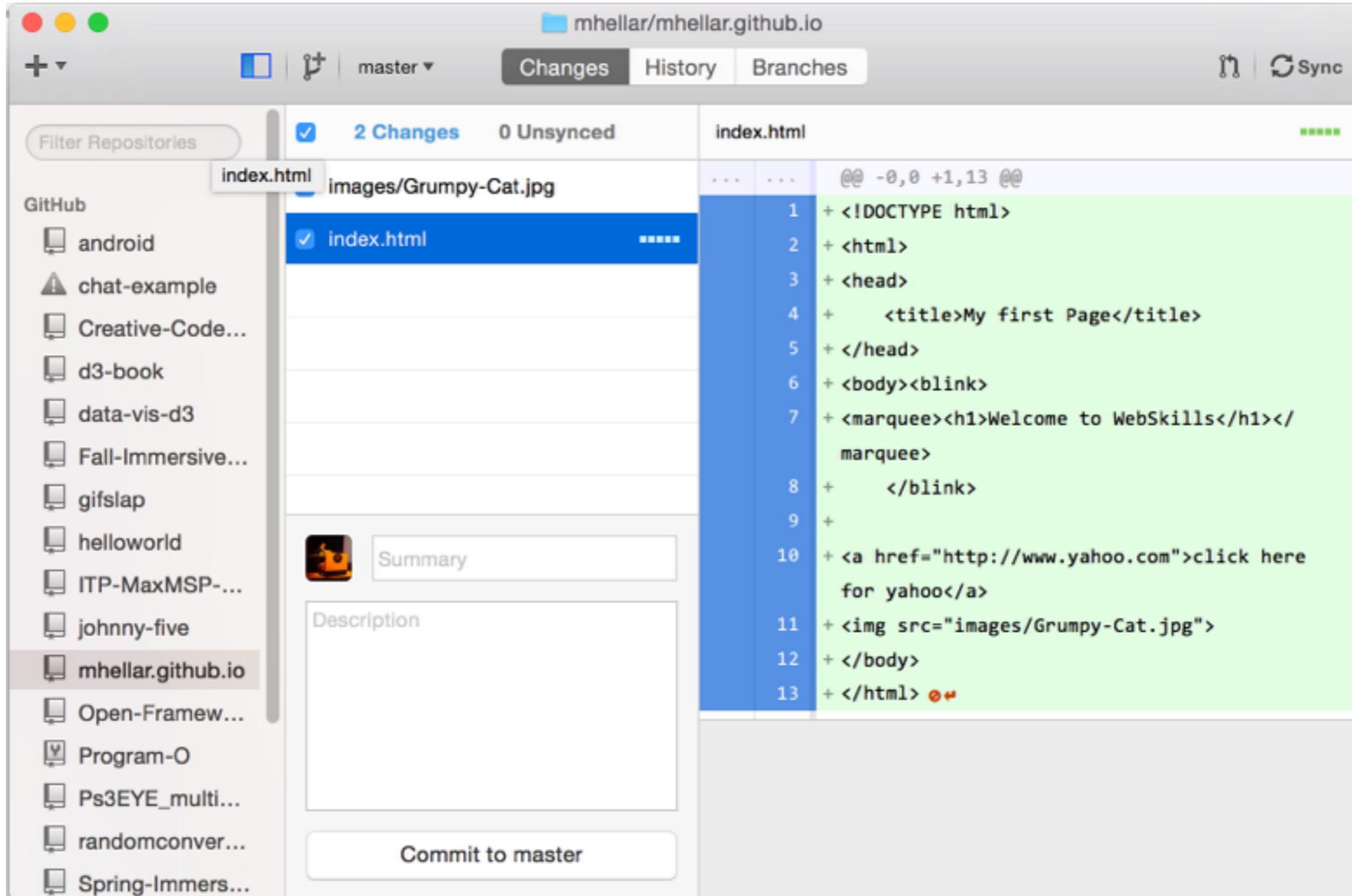
Back in brackets, let's add an img tag

```
1 <!DOCTYPE html>
2 <html>
3 <head>
4   <title>My first Page</title>
5 </head>
6 <body><blink>
7 <marquee><h1>Welcome to WebSkills</h1>
8 </marquee>
9 </blink>
10 <a href="http://www.yahoo.com">click
11 yahoo</a>
12 
13 </body>
14 </html>
```



img has a src attribute that points to the image

Ok, lets jump back to the Github app



Looks like we've added a lot of stuff!

Add a comment, commit it and Sync....

Go to a browser and enter username.github.io
(mine is hellar.github.io)

Tada!!!!

My first Page

mhellar.github.io

Apps (1547) Roundcube W 2 Calendar JavaScript | MDN Add Practice-It!, a web-b 25 Best SSH Comma » Other Bookmarks

Mark

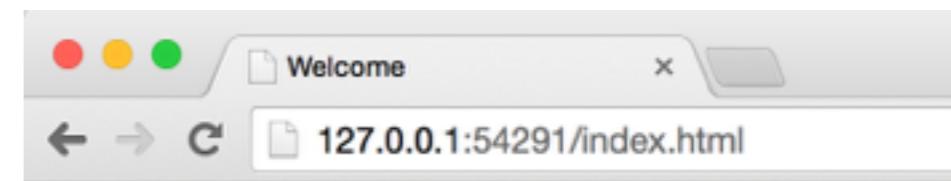
Welcome to WebSkills



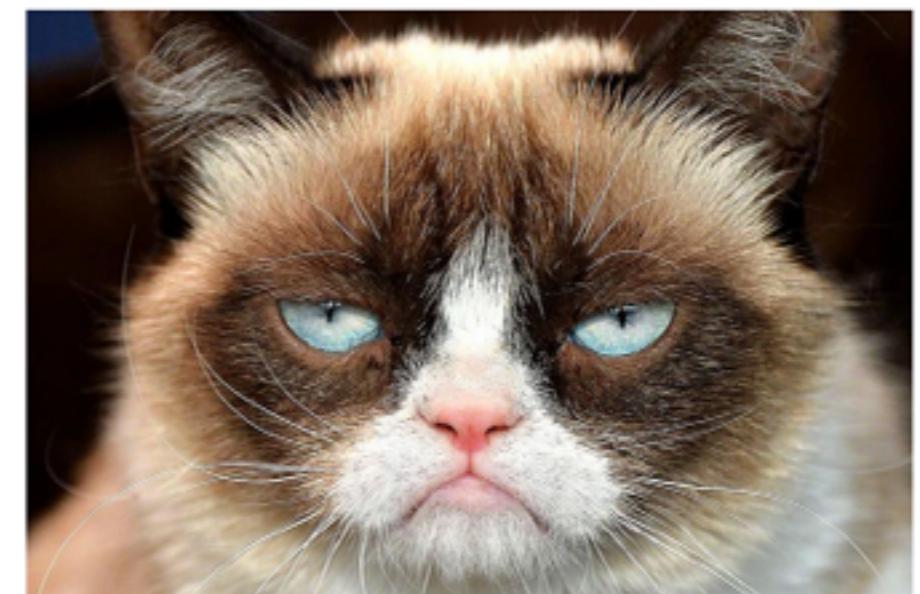
click here for yahoo

Ok Maybe lets tidy it up a bit!

```
* index.html (mhellar.github.io) — Brackets  
1 <!DOCTYPE html>  
2  
3 <head>  
4   <title>Welcome</title>  
5 </head>  
6  
7 <body>  
8   <h1>Weclome to Webskills</h1>  
9     
10  <h2>Introduction</h2>  
11  <p>My name is Mark Hellar and .....</p>  
12  <h3>These are some of my favorite things:</h3>  
13  <ul>  
14    <li>Tea</li>  
15    <li><a href="http://tonyoursler.com/">Artist Tony Oursler</a>  
16    </li>  
17    <li>Motorcycles</li>  
18  </ul>  
19 </body>  
20  
21 </html>  
  
Line 5, Column 7 — 21 Lines
```



Weclome to Webskills



Introduction

My name is Mark Hellar and

These are some of my favorite things:

- Tea
- [Artist Tony Oursler](http://tonyoursler.com/)
- Motorcycles

Headers:

```
<h1>This is heading 1</h1>
<h2>This is heading 2</h2>
<h3>This is heading 3</h3>
<h4>This is heading 4</h4>
<h5>This is heading 5</h5>
<h6>This is heading 6</h6>
```

This is heading 1

This is heading 2

This is heading 3

This is heading 4

This is heading 5

This is heading 6

Paragraphs:

```
<!DOCTYPE html>
```

```
<html>
```

```
<body>
```

```
<p>This is a paragraph.</p>
```

```
<p>This is a paragraph.</p>
```

```
<p>This is a paragraph.</p>
```

```
</body>
```

```
</html>
```

This is a paragraph.

This is a paragraph.

This is a paragraph.

Tables:

```
<table>
  <tr>
    <td>Jill</td>
    <td>Smith</td>
    <td>50</td>
  </tr>
  <tr>
    <td>Eve</td>
    <td>Jackson</td>
    <td>94</td>
  </tr>
</table>
```

Jill	Smith	50
Eve	Jackson	94

Numbered List:

Ordered List

```
<ol>
  <li>Coffee</li>
  <li>Tea</li>
  <li>Milk</li>
</ol>
```

Ordered List

1. Coffee
2. Tea
3. Milk

Assignment:

Craft a basic bio page and publish it.

It must have an image.

It must have a paragraph, use the <p> tag

Feel free to add as many other tags as you like:

<https://developer.mozilla.org/en-US/docs/Web/HTML/Element>

Push it to your github page and post to the list!

On Thursday, we'll add some style to it!

This Weeks Reading:

<http://www.webdesignerdepot.com/2015/04/the-ultimate-guide-to-getting-started-in-web-design/>

(You're now up and running with some tools, develop a daily practice)

Some Guiding Principals:

Everything's iterative

Keep tweaking, create an art practice, craft the piece!

You can never stop learning

Learning is fun, there's a universe of new ideas in front of you!

Ideas matters!

We're here to be artists! Step away from the computer now and then! Take some photos, draw in your sketchbook, paint a picture.. Map out your ideas and when you're ready bring them into the digital realm!

SVG



SVG

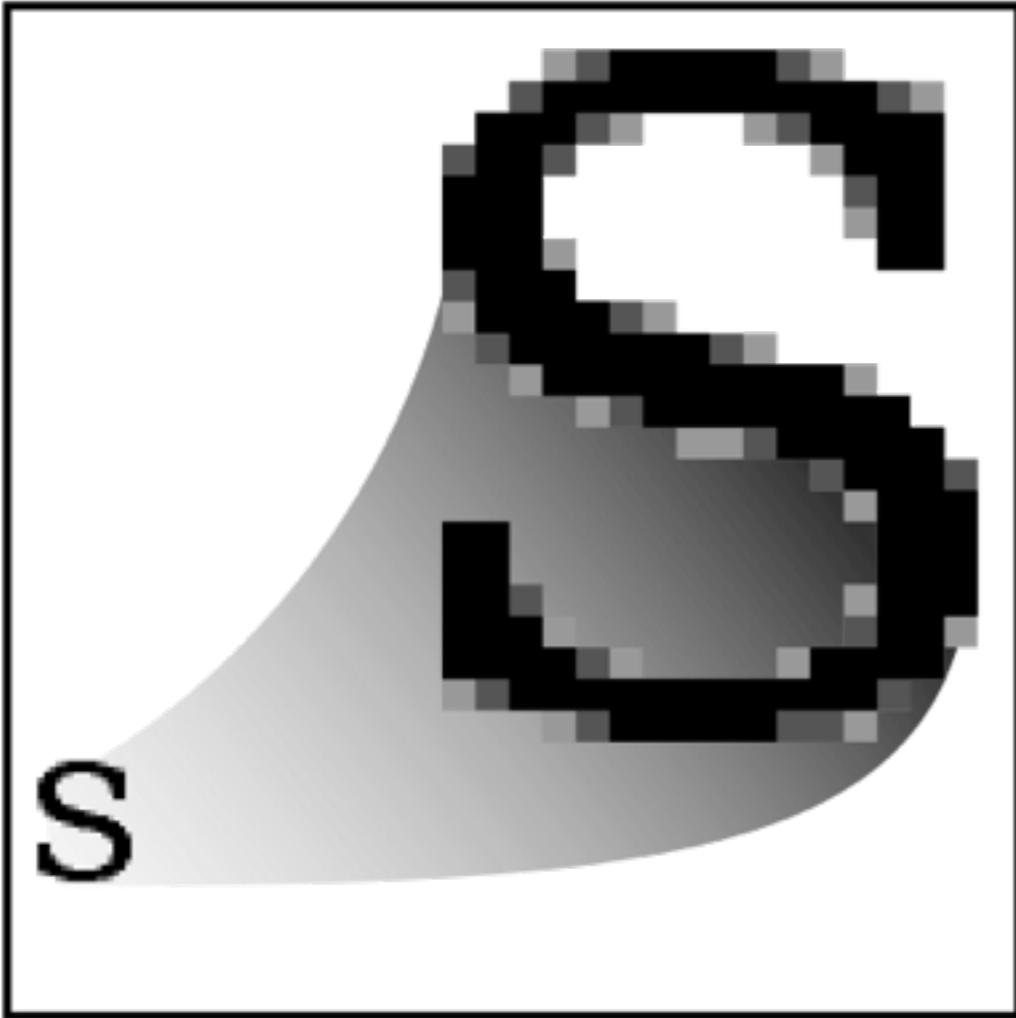
SVG stands for Scalable Vector Graphics

SVG is used to define vector-based graphics for the Web

SVG defines the graphics in XML format

SVG graphics do NOT lose any quality if they are zoomed or resized

Every element and every attribute in SVG files can be animated



S

Raster
.jpeg .gif .png



S

Vector
.svg

SVG: How To Use

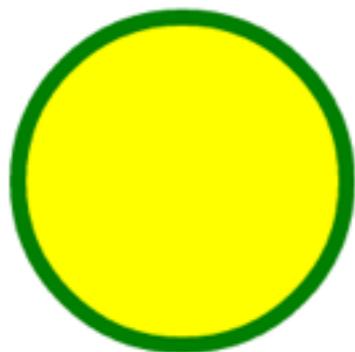
```
<!DOCTYPE html>
<html>
<body>

<h1>My first SVG</h1>

<svg width="100" height="100">
  <circle cx="50" cy="50" r="40" stroke="green" stroke-width="4" fill="yellow" />
</svg>

</body>
</html>
```

My first SVG



SVG: Text

```
<!DOCTYPE html>
<html>
<body>

<svg height="30" width="200">
  <text x="0" y="15" fill="red">I love SVG!</text>
</svg>

</body>
</html>
```

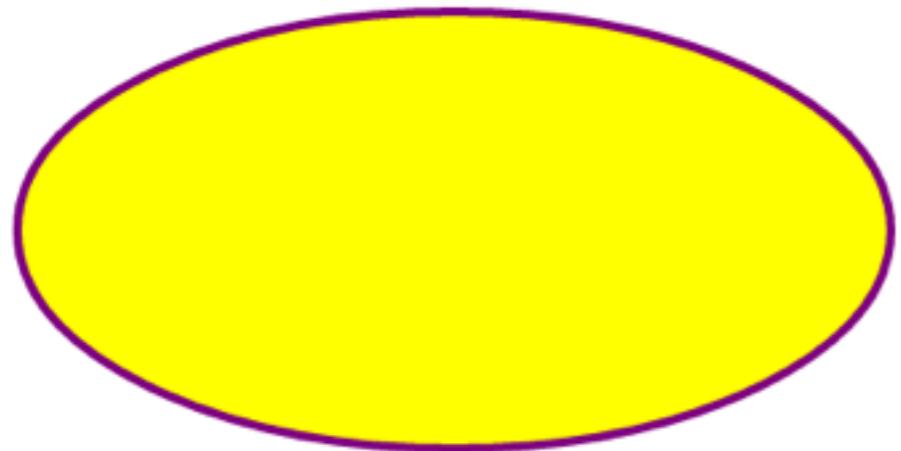
I love SVG!

SVG: Text

```
<!DOCTYPE html>
<html>
<body>

<svg height="140" width="500">
  <ellipse cx="200" cy="80" rx="100" ry="50"
style="fill:yellow;stroke:purple;stroke-width:2" />
  Sorry, your browser does not support inline SVG.
</svg>

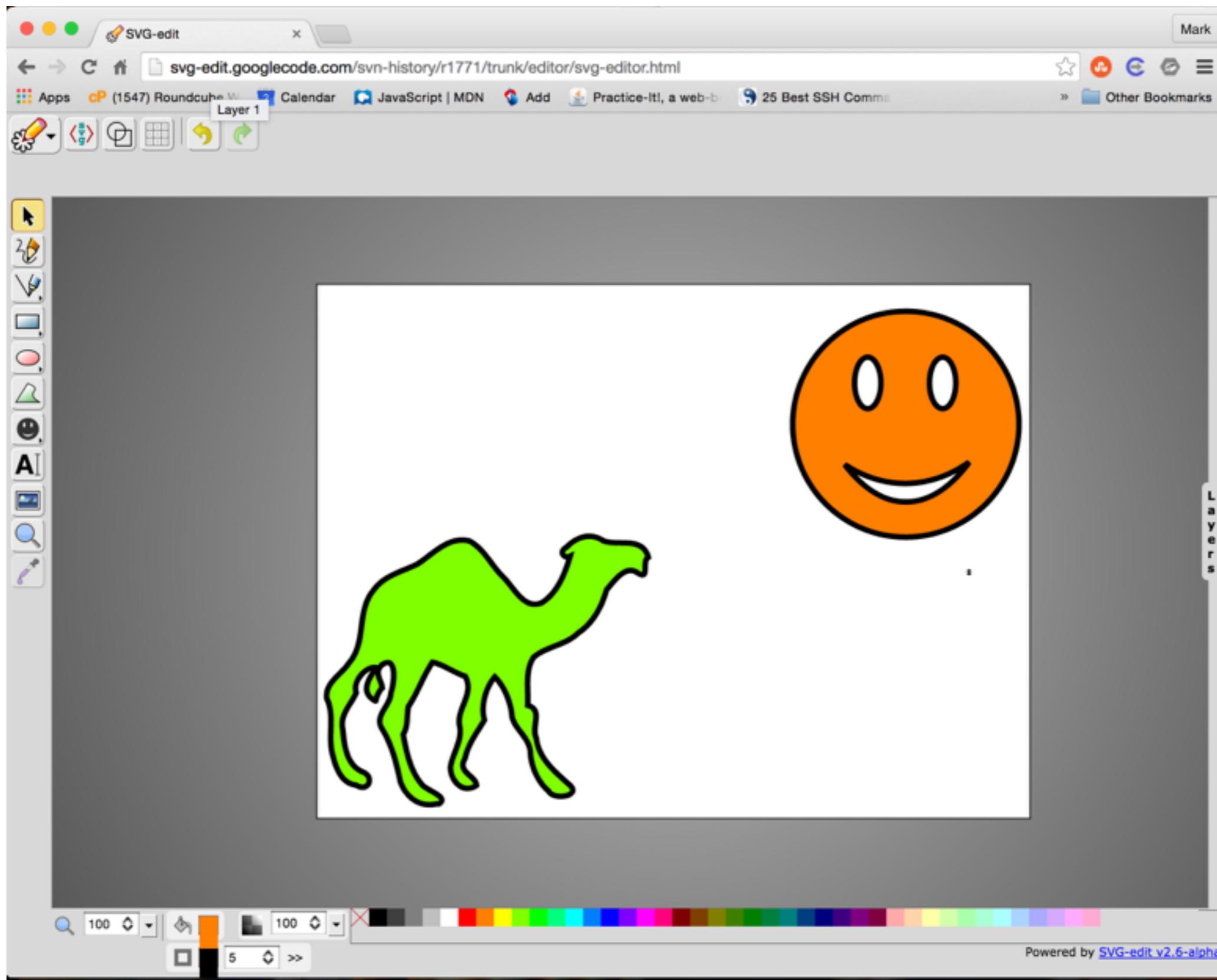
</body>
</html>
```



<http://whats-svg.com/>

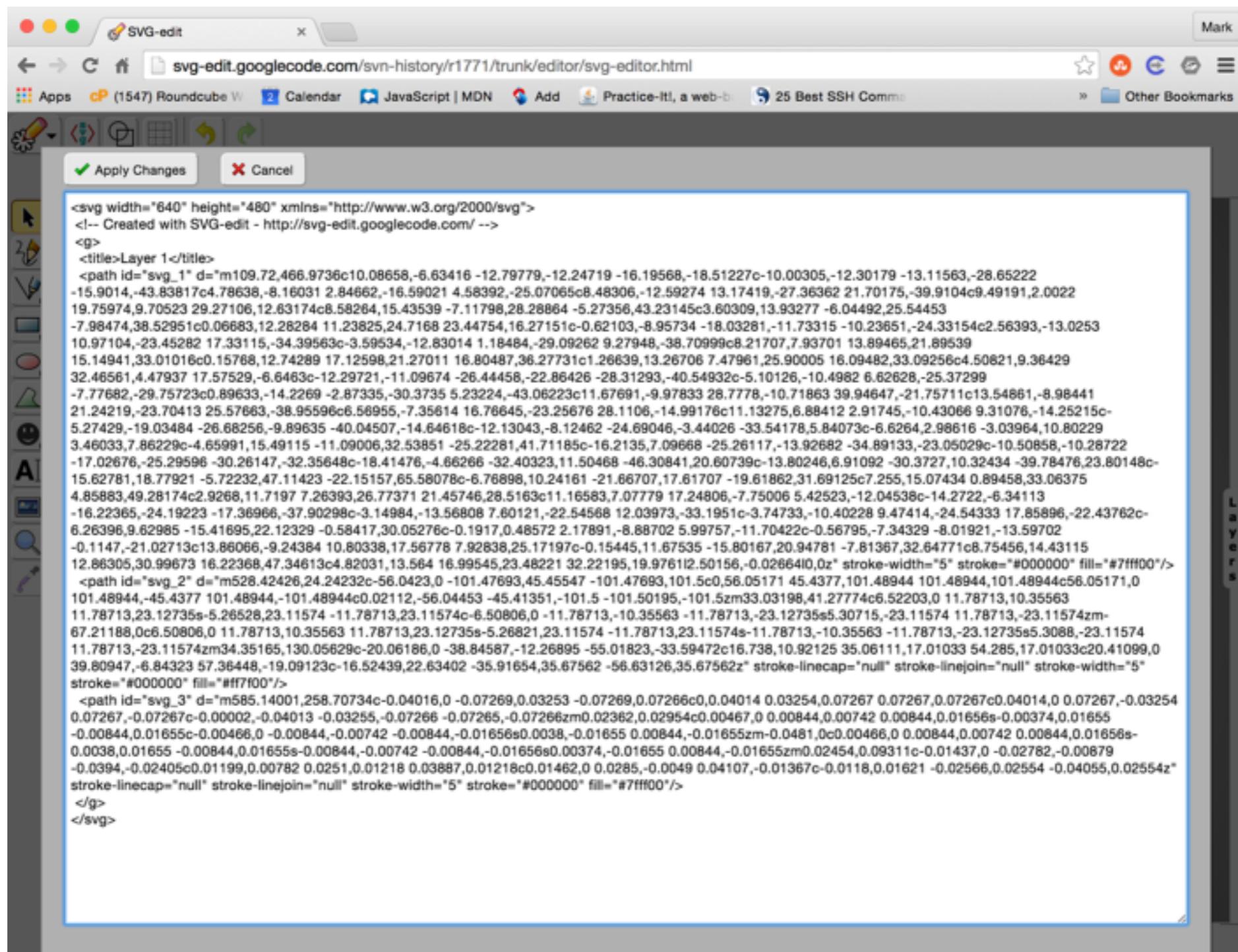
Online SVG Editor:

<http://svg-edit.googlecode.com/svn-history/r1771/trunk/editor/svg-editor.html>



Online SVG Editor:

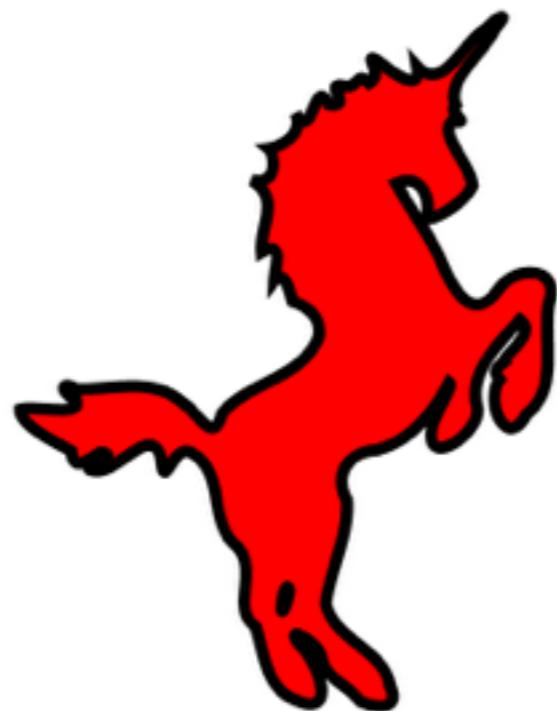
<http://svg-edit.googlecode.com/svn-history/r1771/trunk/editor/svg-editor.html>



Sharing Your Work with Gists and Blocks

[mhellar's block #e5bfecaf53471bb69fdf](#) April 7, 2015

Unicorn



[Open in a new window.](#)

Sharing Your Work with Gists and Blocks

1 Go to <https://gist.github.com/>

2 Enter a description, name the file **index.html** and paste the code you want to share

Sharing Your Work with Gists and Blocks

You will get a URL like this:

<https://gist.github.com/mhellar/e5bfecaf53471bb69fdf>

Replace `gist.github.com` with this bl.ocks.org

<http://bl.ocks.org/mhellar/e5bfecaf53471bb69fdf>