## Project Structure

## Let's talk about Hyperlinks

## Hyperlinks

Allow us to link our document to any other document

### Hyperlinks

Allow us to link our document to any other document resource

#### URLs Can Point To

- HTML files
- text files
- image files
- video files
- audio files
- etc.

#### BBC Home



#### Welcome to the BBC

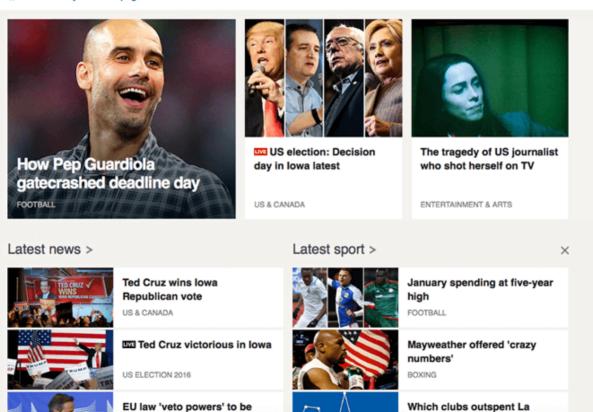
unveiled

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\* Customise your Homepage



Liga?



#### URLs within HTML

<a href="">
 <img src="">
 <form action="">
 <link href="">

# All of these URLs are paths to find a file.

#### my-website/

- index.html
- about.html
- articles/
  - index.html
  - my-latest-article.html
- images/
  - logo.png

# The root directory of this project is:

# The root directory of this project is:

my-website

### Hosting

If we had a server, we would serve the root of the project.

```
https://my-domain.com/ -> my-website/
```

# Project Structure is the Same in the URL

```
https://my-domain.com/ -> my-website/
https://my-domain.com/about.html -> my-website/about.html
https://my-domain.com/articles/ -> my-website/articles
```

#### Index

When an HTTP request is made to a URL that points at a directory, like my-website/, it will return a default file called the index.

An index is just the working directory's list of child files and directories.

#### Index of /Users/zach/cset/cset-110/week-03/

[parent directory]

	Name	Size	Date Modified
	images/		9/5/18, 11:12:28 AM
	document-structure-examples.html	2.3 kB	9/5/18, 11:11:11 AM
-	document-structure.html	7.0 kB	9/5/18, 11:42:57 AM
	project-structure.html	3.2 kB	9/6/18, 9:39:54 AM

#### Provide Your Own Index

### Moving Between Files

#### my-website/

- index.html
- about.html

The home page might contain a link to go to the about page with:

<a href="about.html">About</a>

# Go from Index to the latest article?

#### my-website/

- index.html
- articles/
  - my-latest-article.html

# Go from Index to the latest article?

```
my-website/
```

- index.html
- articles/
  - my-latest-article.html

<a href="articles/my-latest-article.html">Latest Article</a>

# How do you show your logo on the latest article?

```
my-website/
  - articles/
  - my-latest-article.html
  - images/
  - logo.png
```

# How do you show your logo on the latest article?

```
my-website/
  - articles/
    - my-latest-article.html
  - images/
    - logo.png
```

```
<img src="../images/logo.png">
```

### Why not absolute links?

- Easier to read your code
- More efficient for your browser

If you want to learn more about the difference between absolute and relative links

read this

#### Let's Practice