

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.

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URLs within HTML

- ``
- ``
- `<form action="">`
- `<link href="">`

All of these URLs are
paths to find a file.

Example Project Structure

```
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`

Example Project Structure

```
my-website/      <!-- root -->
- index.html
- about.html
- articles/
  - index.html
  - my-latest-article.html
- images/
  - logo.png
```

Example Project Structure

```
my-website/      <!-- root -->
- index.html      <!-- page -->
- about.html      <!-- page -->
- articles/
  - index.html    <!-- page -->
  - my-latest-article.html <!-- page -->
- images/
  - logo.png
```

Example Project Structure

```
my-website/      <!-- root -->
- index.html      <!-- page -->
- about.html      <!-- page -->
- articles/       <!-- child directories -->
  - index.html     <!-- page -->
  - my-latest-article.html <!-- page -->
- images/         <!-- child directories -->
  - logo.png       <!-- asset -->
```

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

```
my-website/      <!-- directory -->
- index.html      <!-- index -->
- about.html
- articles/       <!-- directory -->
  - index.html    <!-- index -->
  - my-latest-article.html
- images/
  - logo.png
```

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
```

```

```


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