

# <html>

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TJ Dev Club



# What's the commonality?

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## HTML elements without style (CSS) applied to them

A Coywolf Adaptation created by [Jon Henshaw](#)

HTML looks and functions well by default without the need for CSS or JavaScript. This page includes the majority of HTML elements, including [semantic HTML elements](#), that have a unique visual style or interaction. Web developers should consider writing custom CSS instead of relying on bloated libraries where a significant portion of CSS code isn't used. You are encouraged to click on the heading link to learn more from [Mozilla's MDN Web Docs](#).

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# What's the commonality?

The screenshot shows the GitHub repository page for 'ion' by user 'tjcs1'. The repository is public and has 106 stars, 103 forks, and 14 watchers. The main content area displays a list of files and their commit history. The files listed are: .github, ci, config, cron, docs, intranet, migrations, scripts, .codeclimate.yml, .coveragerc, .gitattributes, .gitignore, .pre-commit-config.yaml, COPYING, and README.rst. The commit history for each file shows the commit message, the commit hash, the time since the commit, and the number of commits. The right sidebar contains information about the repository, including the name 'TJ Intranet 3', the owner 'ion.tjhsst.edu', and various statistics like 106 stars, 14 watching, and 103 forks. There are also links to the README, license (GPL-2.0), and activity.

File	Commit Message	Commit Hash	Time	Commits
.github	ci: install libfreetype6-dev for reportlab build in gh actions	52a9cd2	3 days ago	2 months ago
ci	ci: install libfreetype6-dev for reportlab build in gh actions			2 months ago
config	build(deps): upgrade to python 3.13 and format + lint code			2 months ago
cron	style: reformat some cron job files			6 years ago
docs	feat(template tags): custom svg tag to replace django-inl...			2 months ago
intranet	style(hoco): update homecoming banner styling			3 days ago
migrations	fix docs and some tests			8 years ago
scripts	fix: use correct path for deploying docs			5 months ago
.codeclimate.yml	Update .codeclimate.yml			9 years ago
.coveragerc	fix: update docs/config/scripts for GitHub Actions build			5 years ago
.gitattributes	chore: tell GitHub linguist to ignore vendor/documentation...			6 years ago
.gitignore	feat: modernize documentation setup			5 months ago
.pre-commit-config.yaml	build(deps): upgrade to python 3.13 and format + lint code			2 months ago
COPYING	Add GPLv2 License, fix #285			10 years ago
README.rst	build(deps): upgrade to python 3.13 and format + lint code			2 months ago



**They both use HTML!**



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# What is HTML?

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- HyperText Markup Language -> HTML
- Structures and formats a website (similar to APA or MLA!)
- Every website uses HTML. Some use CSS and JS.

You'll be using HTML all the time in Dev Club. Seriously.



# The Formatting of HTML

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- Of course, there is a certain way to format HTML
- Some parts aren't required, but are recommended
- Works in TAGS

```
<p>hi dev club :)<p>
```



# See the Similarities?

---

```
package club.tjdev; // <!doctype html>

public class Main { // <html>
    public static void main(String[] args) { // <body>
        // inner code (e.g., h1, h2, etc.)
    } // </body>
} // </html>
```





# <!doctype html>

---

<!doctype html> is not *strictly* required, but you should always include it. It basically tells the browser to use HTML5 (you don't need to remember that, dw).

```
<!doctype html>
<html lang="en">
  <head>
    <title>My Page</title>
  </head>
  <body>
    <h1>Hello</h1>
    <p>Welcome.</p>
  </body>
</html>
```



# <html>

---

Think of this like starting a `class` in Java. It holds *everything*.

```
<!doctype html>
<html lang="en">
  <!-- document root -->
</html>
```



# <head>

---

The <head> tag stores metadata (e.g., title, favicon, seo).

```
<!doctype html>
<html lang="en">
  <head>
    <!-- metadata, title, styles -->
  </head>
  <body>
  </body>
</html>
```



# <body>

---

This is the bread and butter of HTML. All the text, images, and whatever else you put on the page is held within here.

```
<!doctype html>
<html lang="en">
  <head></head>
  <body>
    <!-- page content, your images, text, etc. -->
  </body>
</html>
```



# What About Text?

---

```
<h1>
|   biggest text (1 is the biggest)
</h1>
<h2>
|   smaller big text (2)
</h2>
<h3>
|   ...you get the point (this is 3)
</h3>
<p>
|   paragraph text!!!! so i was looking at this club called dev club and its really
```



# Fancy Text?

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```
<h2>  
|   Bold and Italic  
</h2>  
<p>  
|   this is <strong>bold</strong> and this is <em>italic</em>.  
</p>
```



# HTML Attributes

---

Some HTML tags require special properties, called **attributes**.

```
<h2>
|   Image with attributes
</h2>
 <!-- NO CLOSING TAG!!! -->

<h2>
|   Link with attributes
</h2>
<p>
|   Visit <a href="https://tjdev.club" target="_blank" rel="noopener noreferrer" title="Visit TJ Dev Club">TJ Dev Club<
</p>
```



# Putting Everything Together

---

```
<!doctype html>
<html lang="en">
  <head>
    <meta charset="utf-8">
    <title>
      This shows on the browser tab!
    </title>
  </head>
  <body>
    <h1>
      hi <strong>dev club</strong>
    </h1>
  </body>
</html>
```





# Mini Project

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- Setup a Director site (static) w/ an officer
- Create your own blog site

```
<!doctype html>
<html>
  <head>
    <title>WELCOME TO DEV CLUB BLOG</title>
  </head>
  <body>
    <h1>Dev Club Blog</h1>
    <p> a developers dream! </p>
    <br>
    <h2>why i hate pigeons</h2>
    <h4>by dev club officers</h4>
```



`</html>`

