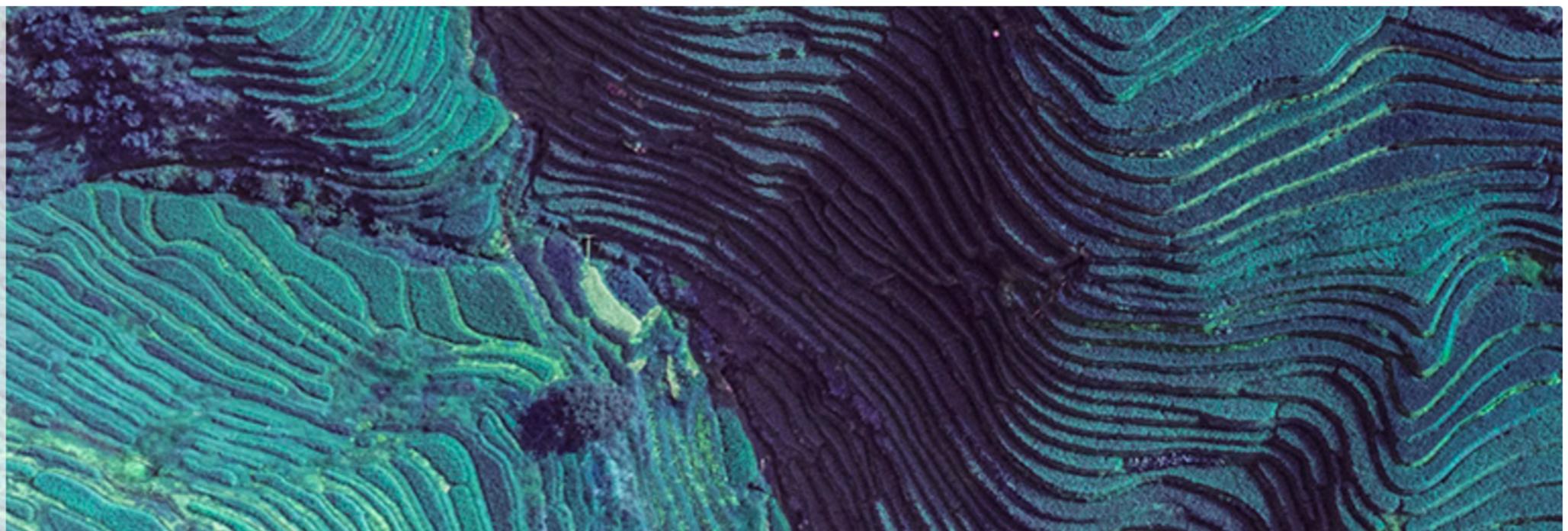


WiFi LIVE ONLINE TRAINING

# Advanced Web Scraping



MAX HUMBER



<https://resources.oreilly.com/binderhub/advanced-web-scraping>

**March 12, 2021**  
1:00pm – 2:00pm EST

Soup - Wikipedia

https://en.wikipedia.org/wiki/Soup

• [Stone soup](#), a popular children's fable about a poor man who encourages villagers to share their food with him by telling them that he can make soup with a stone

• [Souperism](#), the practice of bible societies during the [Irish Great Famine](#) to feed the hungry in exchange for religious instruction. The expression 'took the soup' is used to refer to those who converted at the behest of these offers of food

• [Tag soup](#), poorly coded [HTML](#)

Inspector Console Debugger Network Style Editor Performance Layout Computed Changes Fo

Search HTML

element { inline }  
a:visited { load.php:1 @screen  
color: #0b0080; }  
a:visited { load.php:1 @screen  
color: #0b0080; }  
a { load.php:1 @screen  
text-decoration: none;  
color: #0645ad;  
background: none; }  
a { load.php:1 @screen  
text-decoration: none; }

content.mw-body > div#bodyContent.mw-b >

margin 0  
border 0  
padding 0 56.8167x14.5 0 0 0



A screenshot of a web browser window showing the Wikipedia page for "Soup". The page content discusses the fable of Stone soup and Souperism. A tooltip highlights a link to "Tag soup, poorly coded HTML". The browser's developer tools are open, specifically the Inspector tab, which displays the HTML structure and CSS styles for the highlighted element. The Layout panel shows the box model dimensions: margin 0, border 0, padding 0, and width 56.8167x14.5.

W Wikipedia

https://en.wikipedia.org/wiki/Soup

- [Stone soup](#), a popular children's fable about a poor man who encourages villagers to share their food with him by telling them that he can make soup with a stone
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a | 56.8167 x 14.5 | offers of food

• Tag soup, poorly coded HTML

Inspector Console Debugger Network Style Editor Performance Layout Computed Changes Fo

Search HTML Filter Styles :hov .cls +

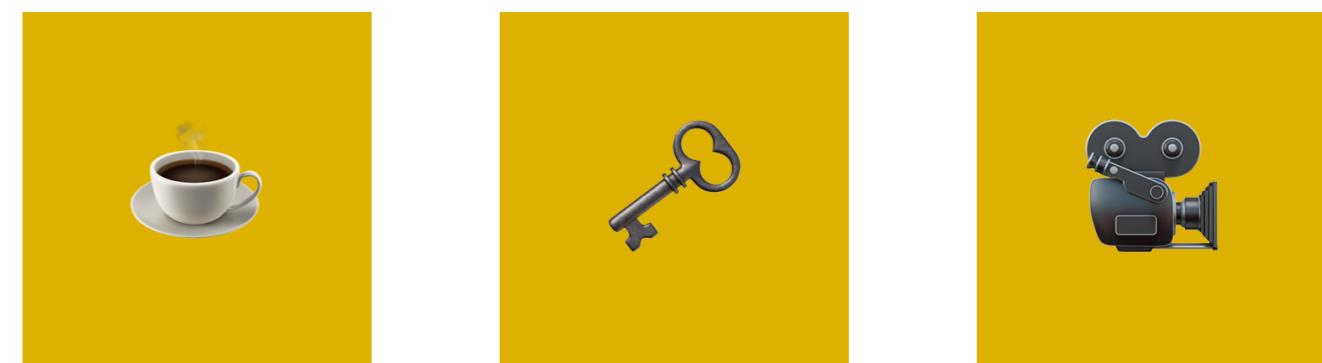
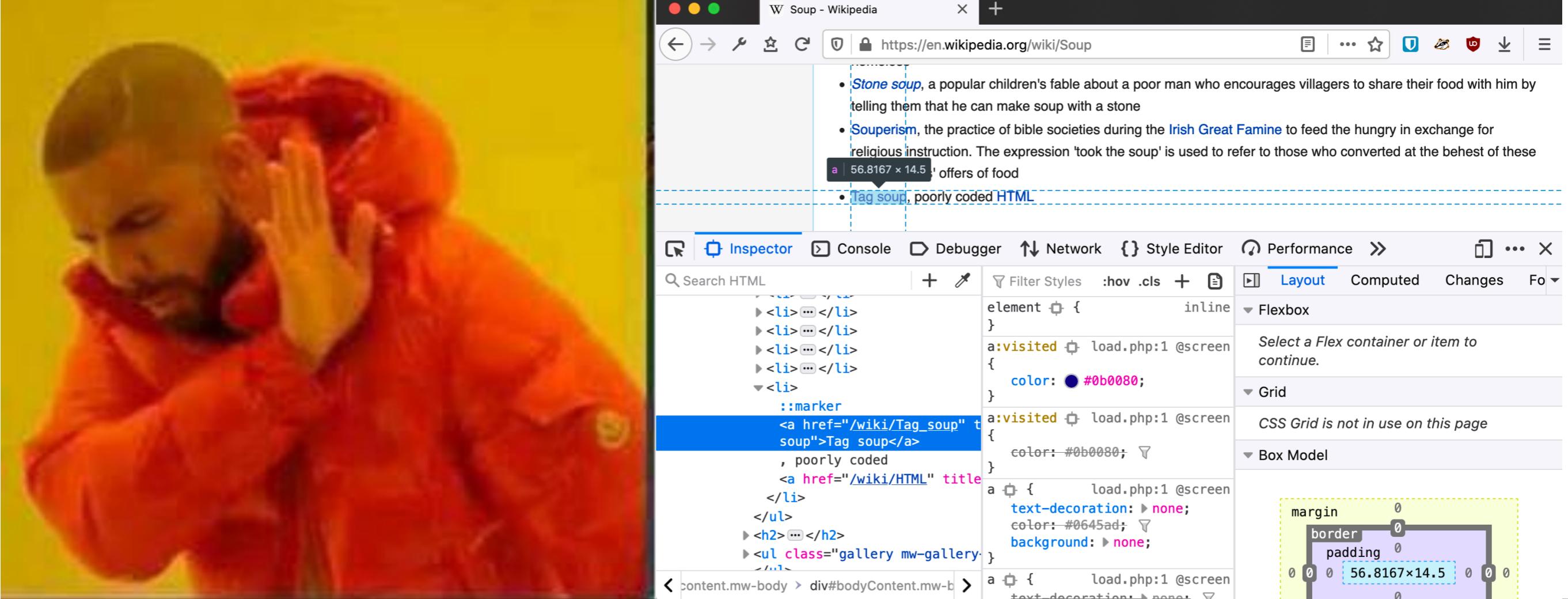
```
<ul>
  <li>...</li>
  <li>...</li>
  <li>...</li>
  <li>...</li>
  <li>
    ::marker
    <a href="/wiki/Tag_soup" title="Tag soup">Tag soup</a>
    , poorly coded
    <a href="/wiki/HTML" title="HTML">HTML</a>
  </li>
</ul>
<h2>...</h2>
<ul class="gallery mw-gallery">
  ...
</ul>
```

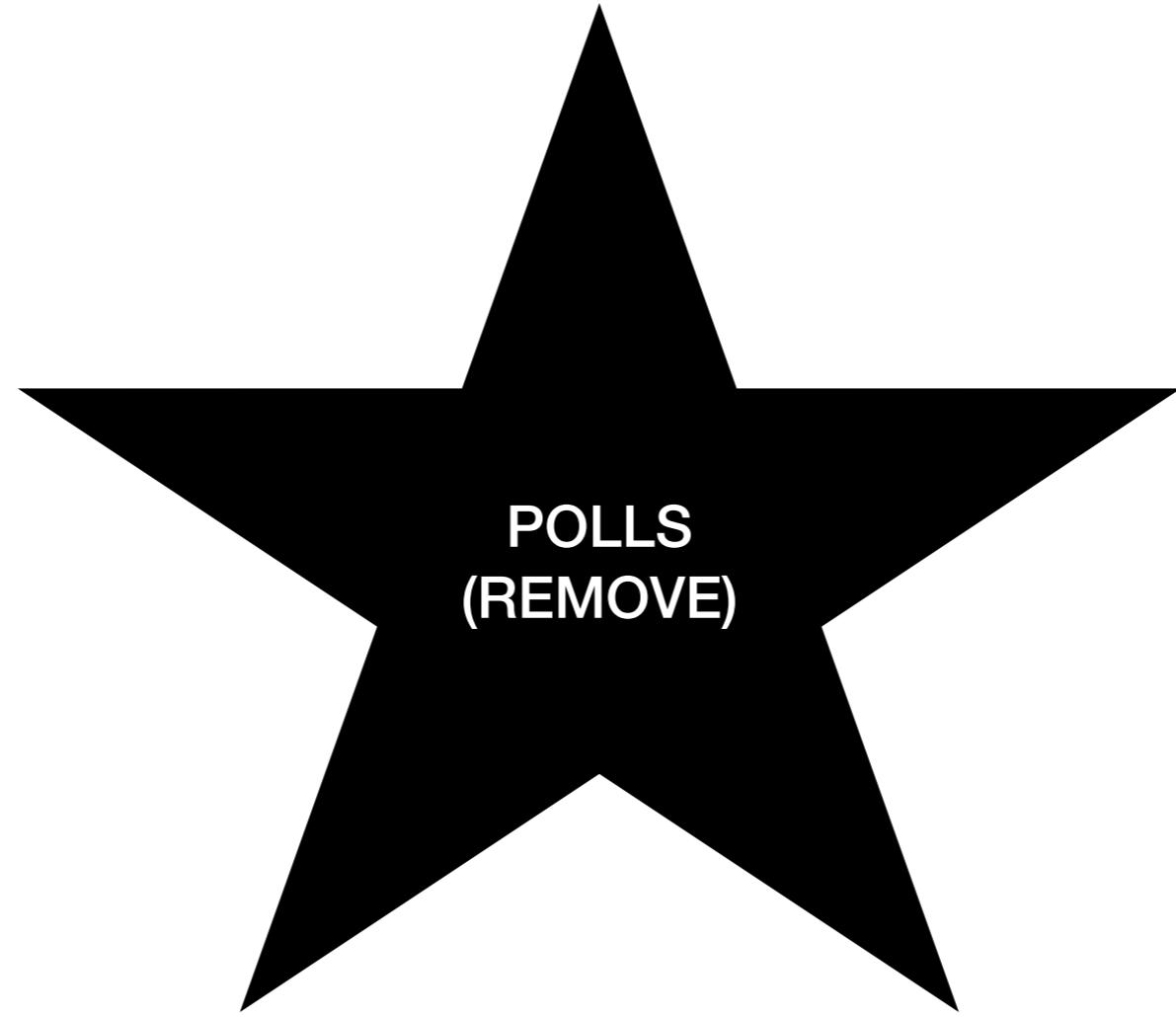
element { inline }
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color: #0645ad;
background: none;
}

content.mw-body > div#bodyContent.mw-b >

margin 0
border 0
padding 0 56.8167x14.5 0 0 0

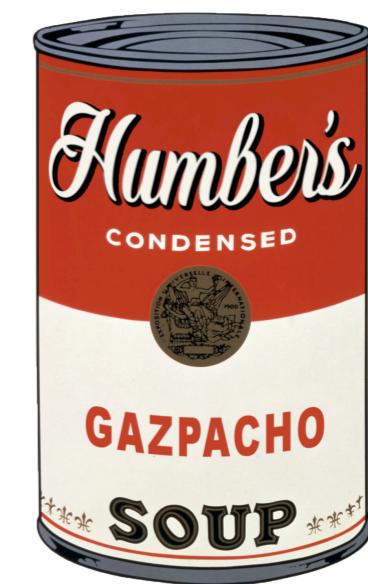
Flexbox
Select a Flex container or item to continue.
Grid
CSS Grid is not in use on this page
Box Model



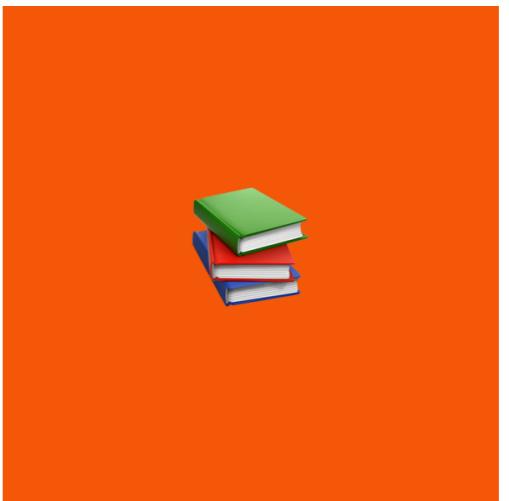
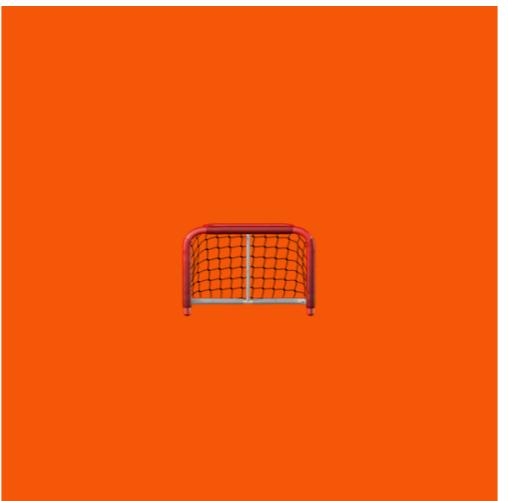
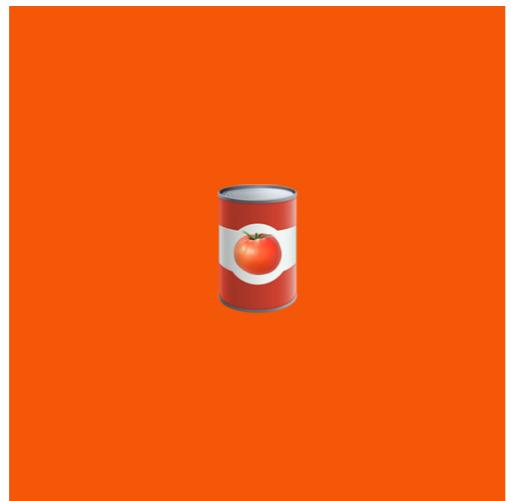


- Poll: How many websites have you scraped before? {0, 1, 10, 100+}
- Poll: Is your interest in web scraping professional or personal? {professional, personal}





- 
1. No dependencies
  - 2. Batteries included**
  - 3. 1 find method**
  4. Production ready
  5. PEP 561 compliant
  6. Automatic formatting
  - 7. Speed (50% faster)**
  - 8. Partial matching**
  9. Debt-free (3 first)
  10. Open (and Friendly)

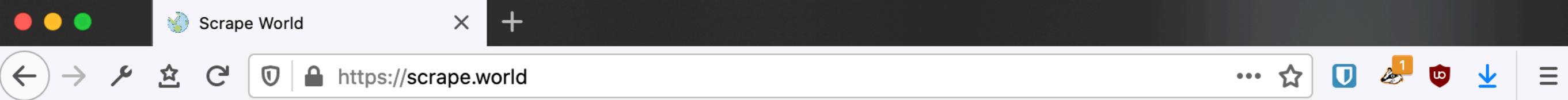


# 404





<https://www.scrape.world>



## Home Challenges

Login

# Welcome to Scrape World

This website is meant to be scraped.

The HTML on this website is garbage...

This is on purpose \*wink\*

Each page is a challenge.

To start a challenge click on the accordion:

## Show Challenge

Try to complete each challenge *before* peeking at the solution.

Happy scraping!

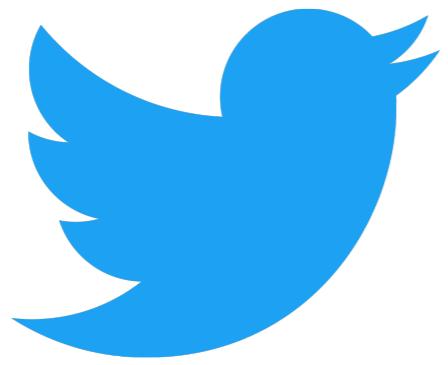


LET'S GO

4TH 2:32 24

Q&A

*That's all Folks!*



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[www.linkedin.com/in/maxhumber](https://www.linkedin.com/in/maxhumber)