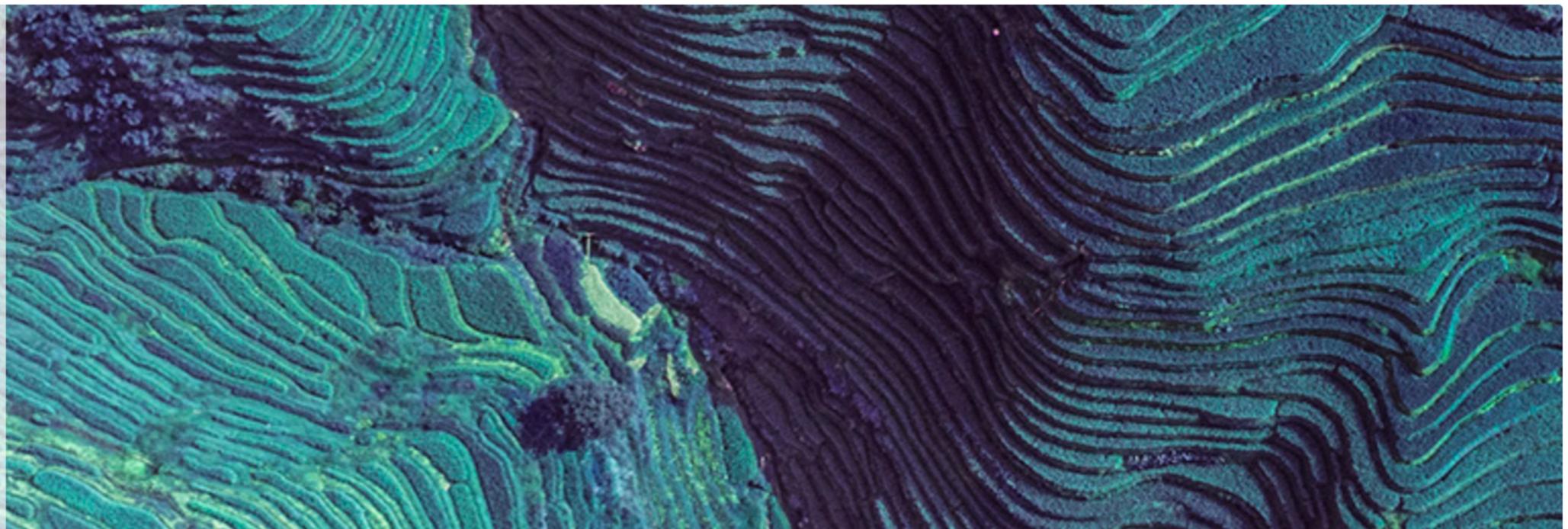


WiFi LIVE ONLINE TRAINING

# Advanced Web Scraping



MAX HUMBER



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

**September 9, 2020**

12:00pm – 1:00pm EDT

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 Filter Styles :hov .cls +

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 the 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 +

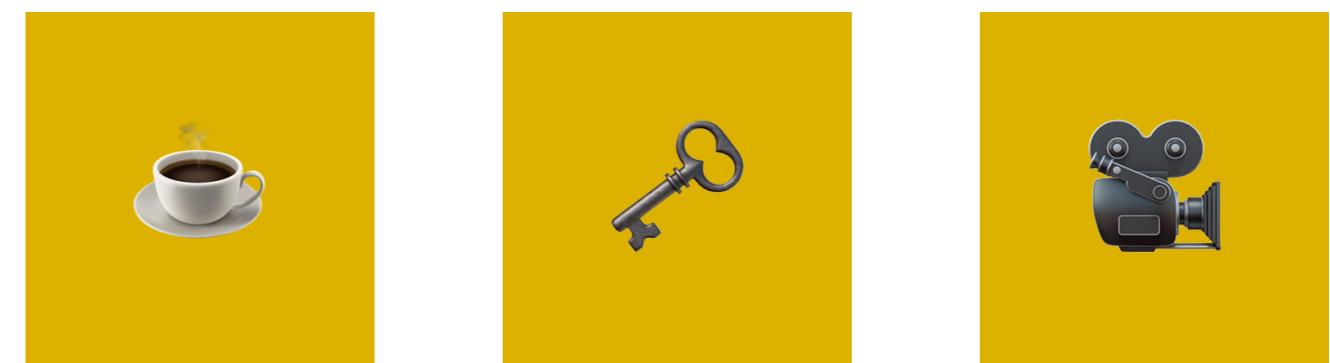
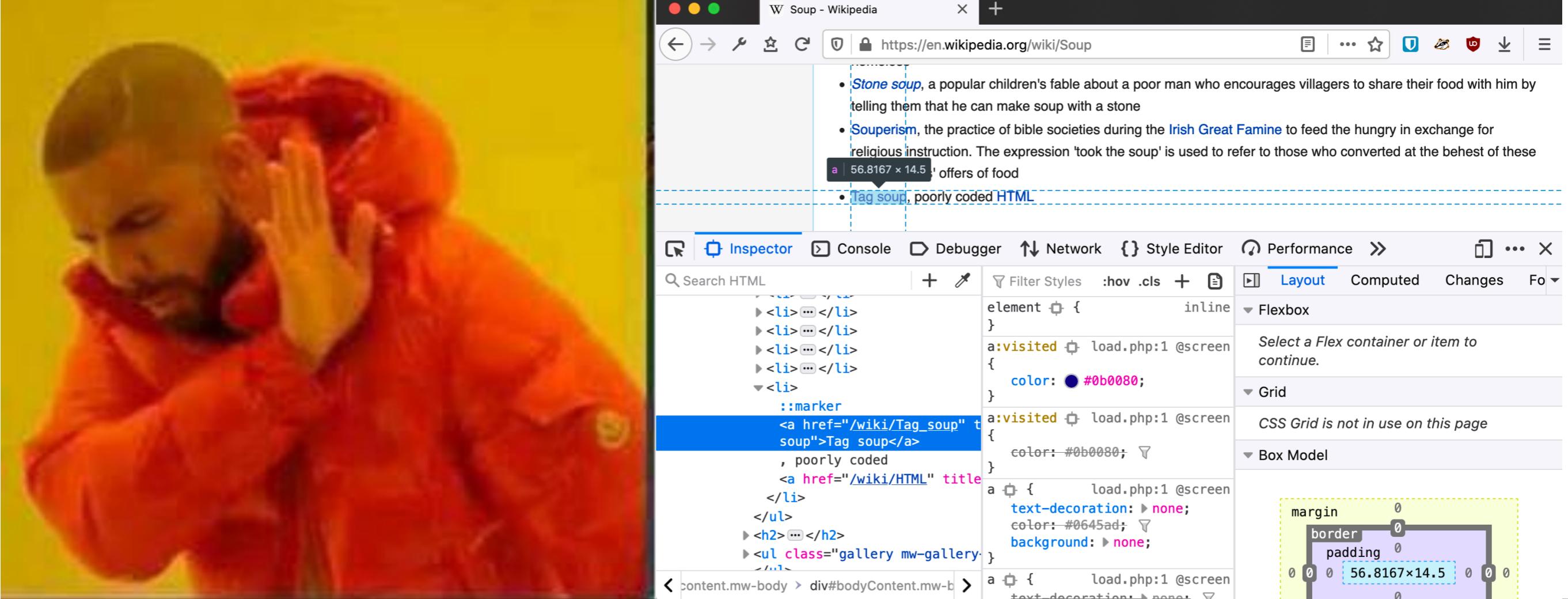
```
<ul>
  <li>...</li>
  <li>...</li>
  <li>...</li>
  <li>...</li>
  <li>
    ::marker
    <a href="/wiki/Tag_soup" title="Tag soup">Tag soup</a>
    , poorly coded
    <a href="/wiki/HTML" title="HTML">HTML</a>
  </li>
</ul>
<h2>...</h2>
<ul class="gallery mw-gallery">
  ...
</ul>
```

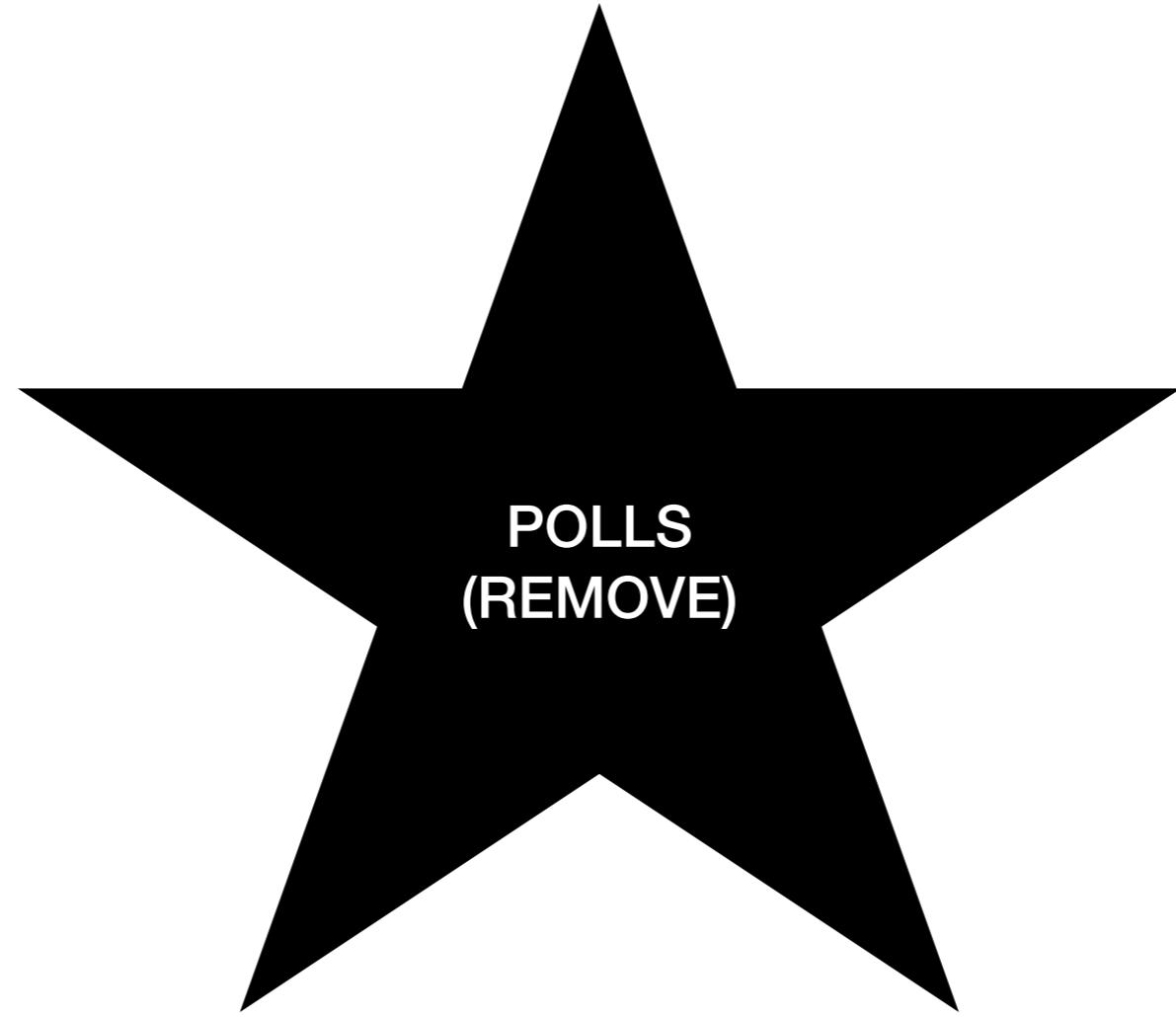
element { inline }
a:visited { load.php:1 @screen
color: #0b0080;
}
a:visited { load.php:1 @screen
color: #0b0080;
}
a { load.php:1 @screen
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background: none;
}
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text-decoration: none;
color: #0645ad;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

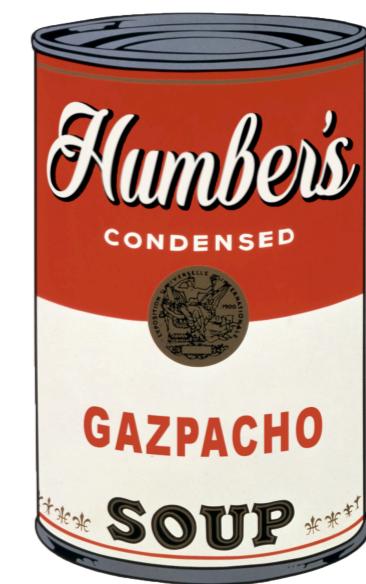




- Poll: How many websites have you scraped before? {0, 1, 10, 100+}
- Poll: Is your interest in web scraping professional or personal? {professional, personal}

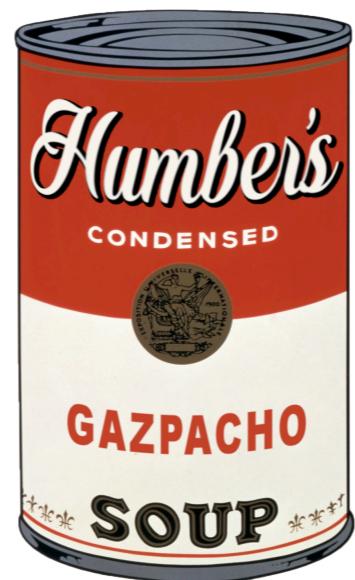




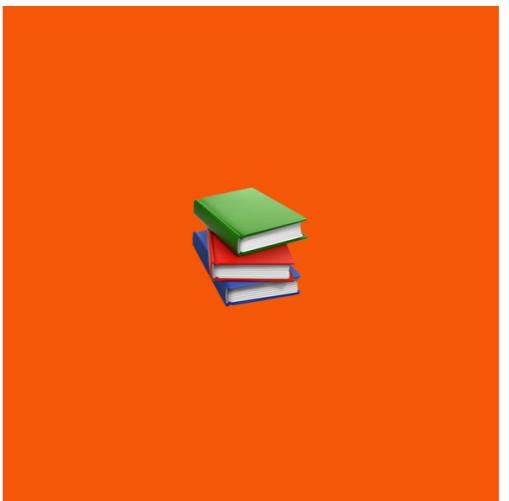
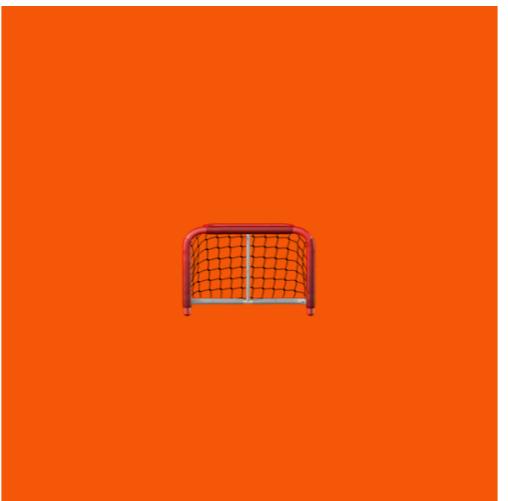
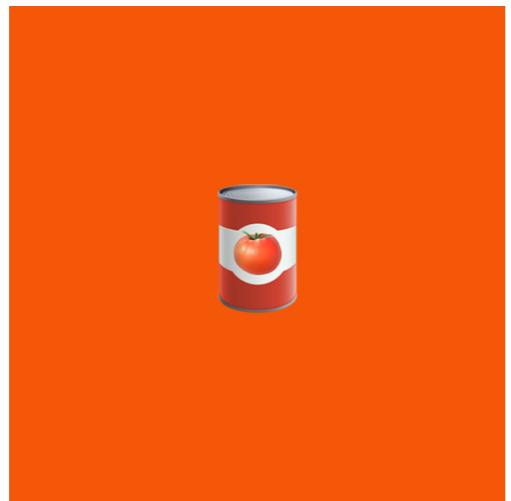




[selenium-python.readthedocs.io](https://selenium-python.readthedocs.io)



[gazpacho.xyz](http://gazpacho.xyz)

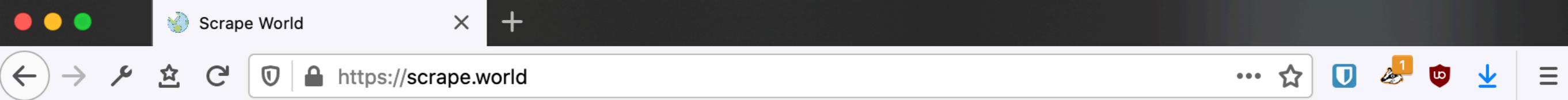


# 404





<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!*



TELL YOUR FRIENDS!

September 16, 2020

Data Engineering for Data Scientists

September 30, 2020

Building Recommendation Engines in Python



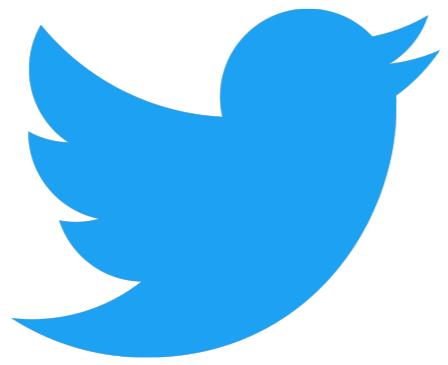
license MIT build passing pypi v1.0.2 downloads 2k

<https://github.com/maxhumber/gif>

# MARC

dependencies zero build passing pypi v2.0 downloads 4k

<https://github.com/maxhumber/marc>



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