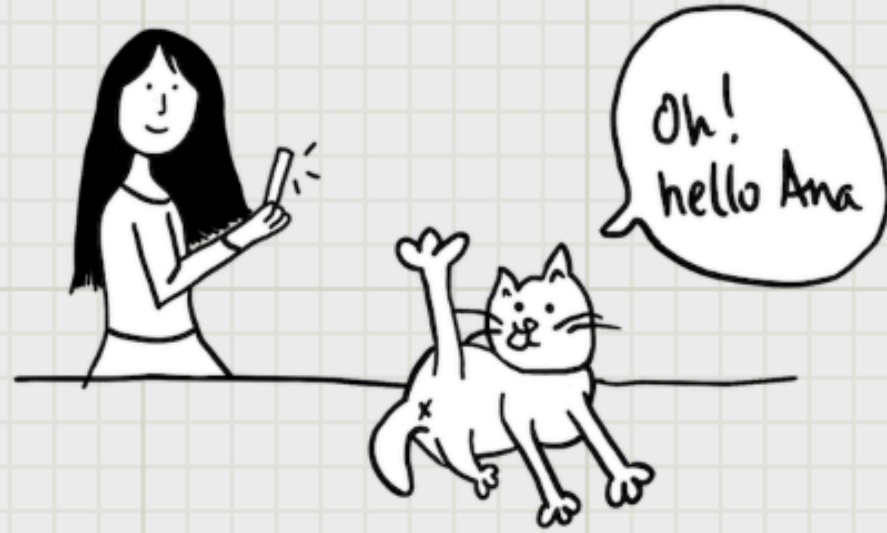


Maintaining and Modernising Legacy CSS

Ana Rodrigues - Smashing Conf Freiburg - September 2025



OhHelloAna.blog

JOTTINGS FROM ANA RODRIGUES

READ MY BLOG
~~~~~  
POSTS  
~~~~~



PIXELS
~~~~~

# Hello!

10+ years working as front-end developer.

Currently at Hactar. We specialise in Wagtail CMS.

[Articles](#)[Menu](#)[anarodrigues.dev](#)[Accessibility](#)[UX](#)[CSS](#)[JavaScript](#)[Performance](#)[Design](#)[Figma](#)[Ana Rodrigues](#) / AUG 27, 2020 /  5

# Autonomy Online: A Case For The IndieWeb

 17 min read  [Community](#), [Inspiration](#), [Workflow](#) Share on [Twitter](#), [LinkedIn](#)

**QUICK SUMMARY** ↔ Nowadays whether you're consuming or sharing content on the web, it is likely to be via a big website. Twitter, Youtube, or a Facebook-owned service are popular examples. Whilst this gives us the advantage of being able to participate in a larger conversation at almost no monetary cost, there is also the downside of potentially losing all our content if a company closes, as has happened in the past. There is an alternative to corporate bubbles online — it's called the IndieWeb. Build your own personal websites, control your online presence, and learn on your own terms.

Web 2.0 celebrated the idea of everyone being able to contribute to the web regardless of their technical skill and knowledge. Its major features include

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I  the indie web.





# Hello!

+10 years working as front-end developer.

Currently at Hactar. We specialise in Wagtail CMS.

I ❤️ the indie web.

I ❤️ DIY, arts and other crafts.



# Let's talk about refactoring CSS

**And redecorating a new home!!**







The blank canvas that once excited me now left me anxious and riddled with decision paralysis.







The constraints of the existing code turned out to liberate me from decision paralysis.









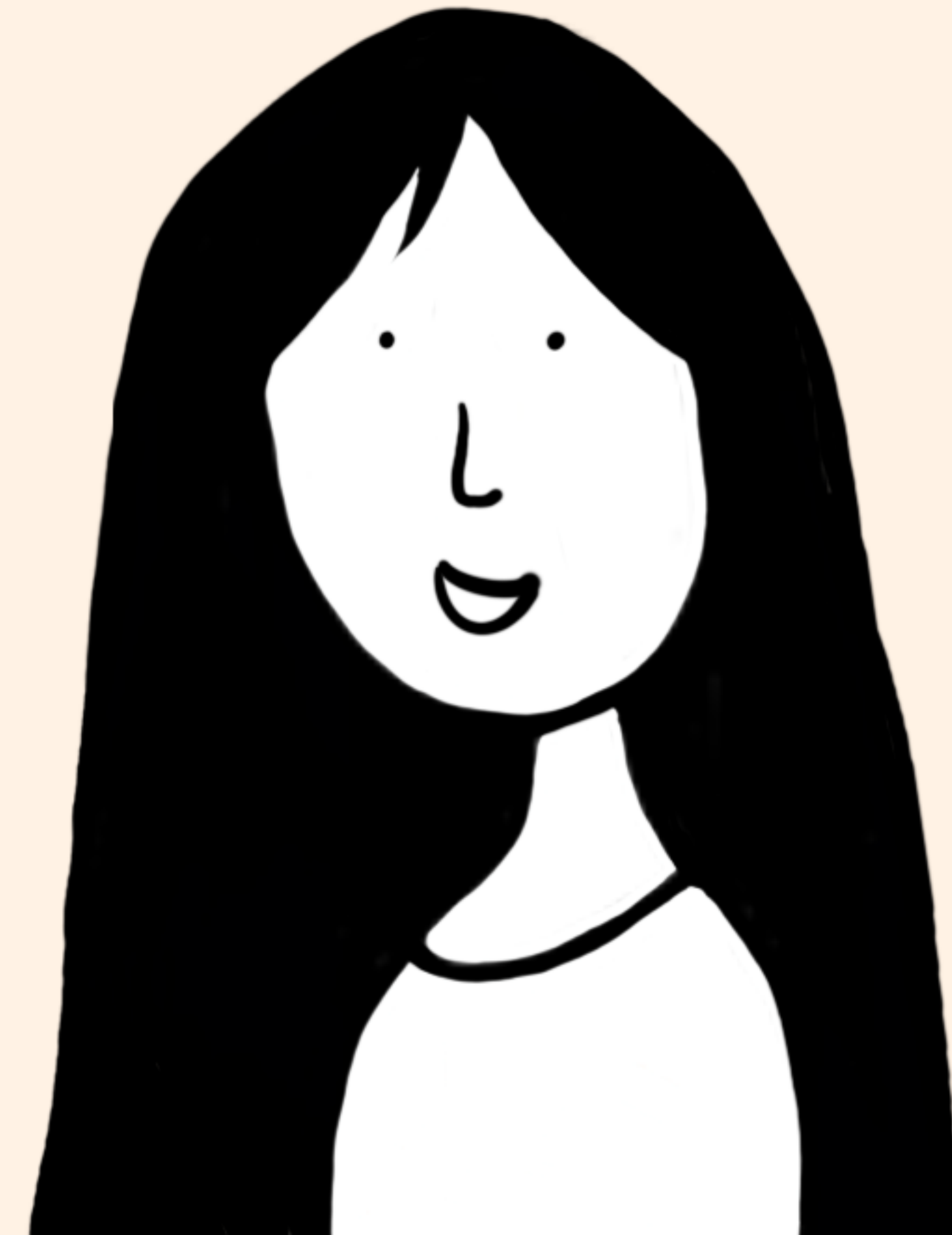
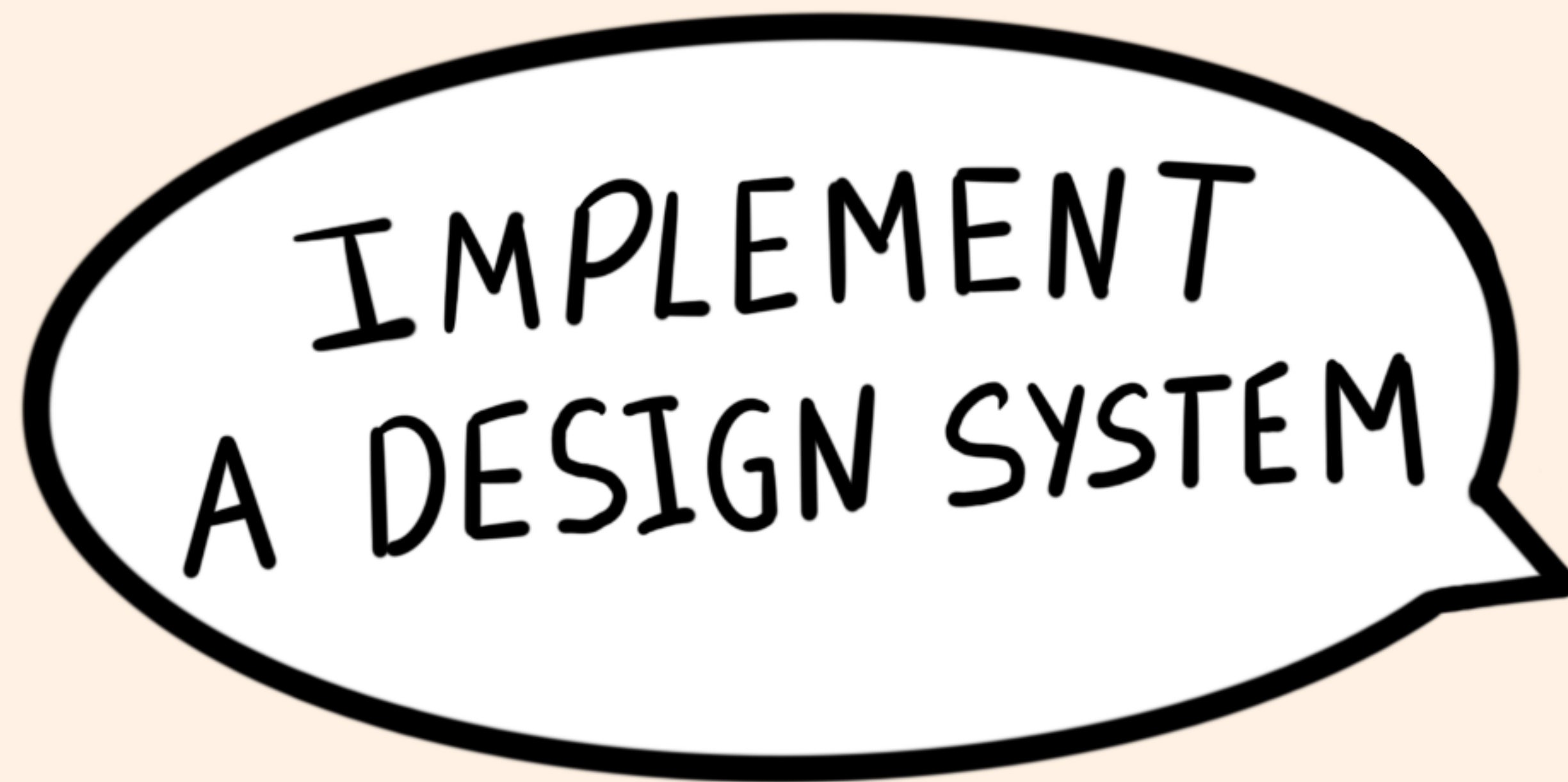
When I made a change, I could see the before-and-after, giving me confidence that my work was valuable.



Because we're not always building something brand new from scratch.

**Whether it's code or a new home.**

# This talk is not about dissing legacy codebases.



And I could wrap quickly if I only said:



CSS just works.  
And when it doesn't, it is fantastic at failing.



The website built 8 or 9 years ago  
won't be using these.  
And it still works.



Legacy CSS can document product decisions.

**And the code that is live, is your documentation.**



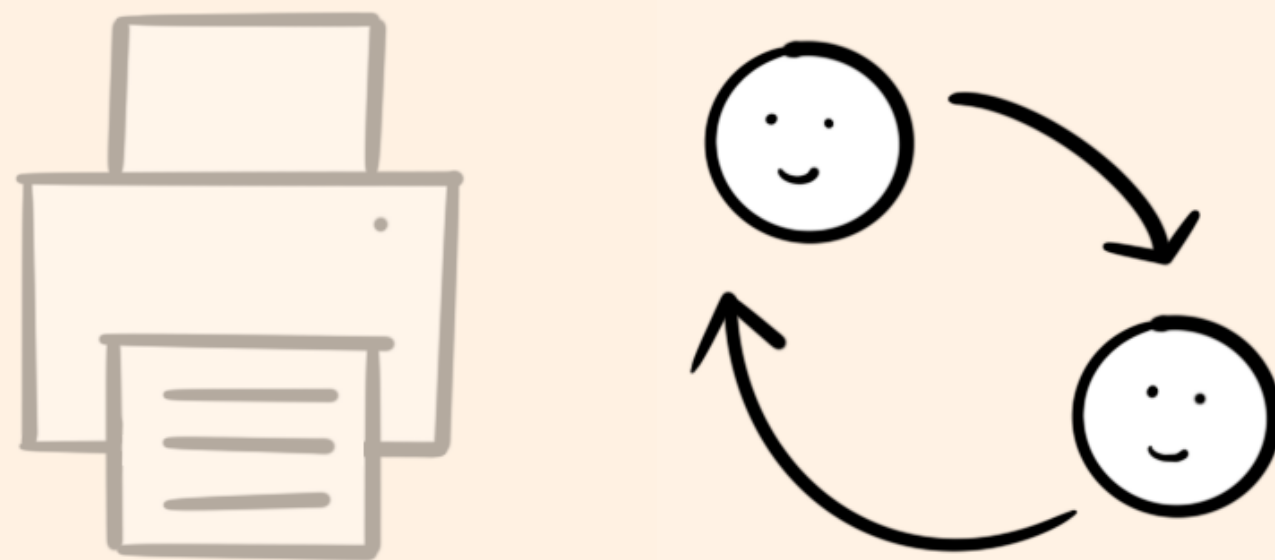
And the code that is live, is your documentation.

For example:

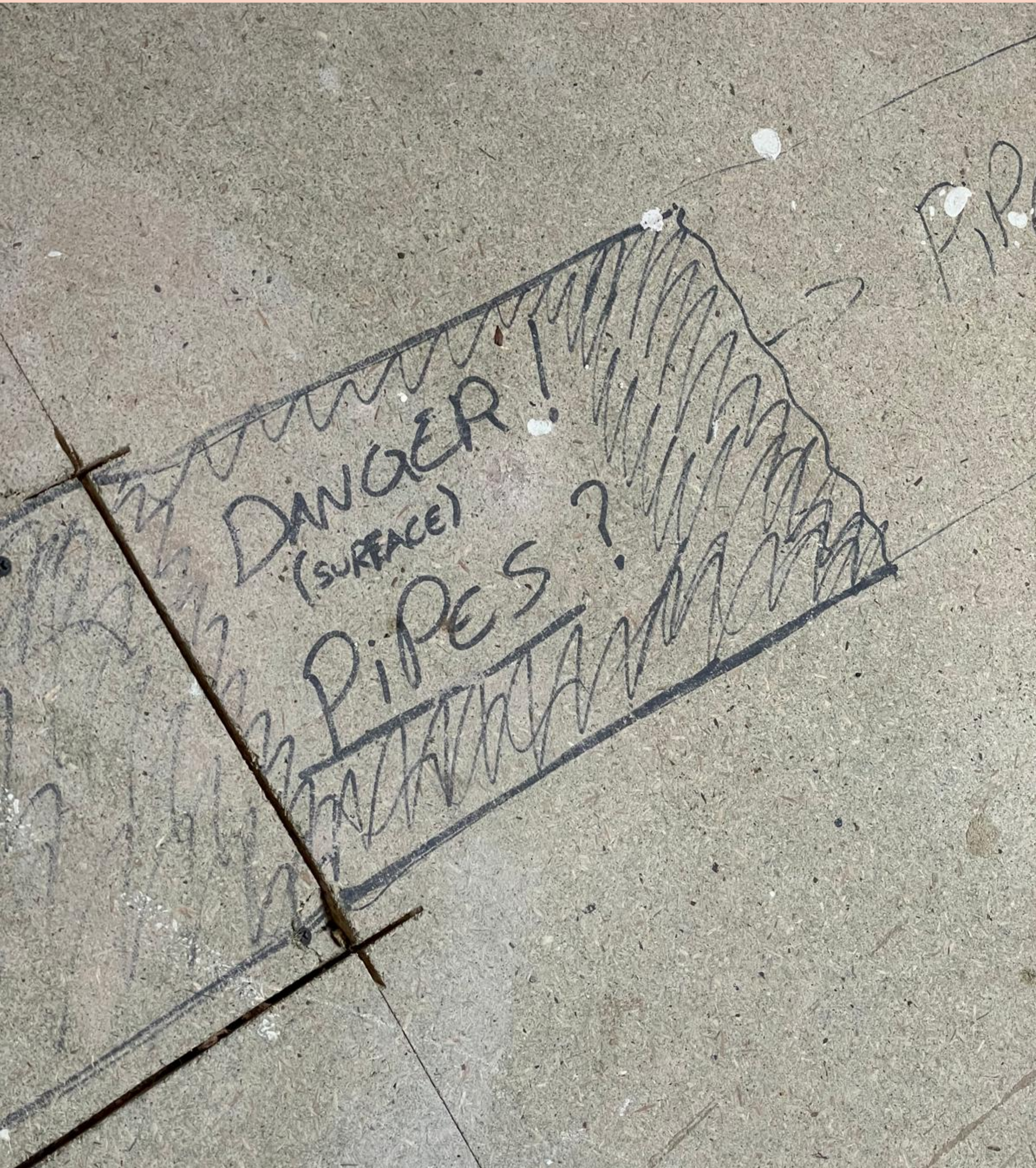


# And the code that is live, is your documentation.

For example:







# Human context

`/* sorry */`

`/* this is due to time constraints */`

`/* do this better later */`



- Performance or accessibility sprints
- Brand redesigns
- *Something* got discontinued
- Adding new features became difficult



- Performance or accessibility sprints
- Brand redesigns
- *Something* got discontinued
- **Adding new features became difficult**





Let's approach the  
codebase



Auditing CSS is hard because CSS simply works.

What you perceive as a flaw might just be your opinion.

`/* Let's approach the codebase */`

After a while, you're just looking at code that seems sensible and it becomes hard to spot issues.

```
v styles
  > base
v components
  header.css
  hero.css
  cards.css
  accordion.css
  navigation.css
  breadcrumbs.css
  footer.css
  newsletter.css
  > print
  > utilities
  > vendor
  main.css
```



# I've learned to spot a few chores

- **Multiple selectors to fix specificity issues.**
- @supports that may no longer be needed.
- Lots of nested margins and padding resets.
- Code difficult to search and find.

```
h2 {  
    /* styles here */  
}  
  
article h2 {  
    /* styles here */  
}  
  
article h2.archived-article--title {  
    /* styles here */  
}  
  
.template-news article h2.article-  
title {  
    /* styles here */  
}
```

# I've learned to spot a few chores

- Multiple selectors to fix specificity issues.
- **@supports** that may no longer be needed.
- Lots of nested margins and padding resets.
- Code difficult to search and find.

```
.my-feature {  
  @include target-ie11() {  
    max-height: 0;  
  }  
  max-height: initial;  
}  
  
@supports (display: grid) {  
  .another-container {  
    display: grid;  
    grid-gap: 30px;  
    grid-template-columns: 1fr 1fr;  
  }  
}
```



# I've learned to spot a few chores

- Multiple selectors to fix specificity issues.
- @supports that may no longer be needed.
- **Lots of nested margins and padding resets.**
- Code difficult to search and find.

```
.my-feature h2 {  
  margin: 0;  
}  
  
.banner .rich-text {  
  margin: 0;  
  p {  
    margin: 0;  
  }  
}  
  
.intro .wrapper {  
  margin: 0;  
  padding: 0;  
}
```



# I've learned to spot a few chores

- Multiple selectors to fix specificity issues.
- @supports that may no longer be needed.
- Lots of nested margins and padding resets.
- **Code difficult to search and find.**

```
.accordion {  
  $root: &;  
  /* styles here */  
  
  &:last-child {  
    /* styles here */  
  }  
  
  &.is-open {  
    #{$root}__title {  
      /* styles here */  
    }  
  }  
}
```



# Other bits you may pick up on

- Outdated layout approaches;



## Other bits you may pick up on

- Outdated layout approaches;
- **Performance improvements;**

```
font-display: auto;  
font-display: block;  
font-display: swap;  
font-display: fallback;  
font-display: optional;
```

`/* Let's approach the codebase */`

## Other bits you may pick up on

- Outdated layout approaches;
- Performance improvements;
- **Accessibility concerns;**



The “Other” C in CSS by Sara Soueidan at CSS Day 2024

```
.info::before {  
  content: "🕒" / "Departure time";  
}
```



`/* Let's approach the codebase */`

## Other bits you may pick up on

- Outdated layout approaches;
- Performance improvements;
- Accessibility concerns;
- **Media queries as documentation;**

```
@media (max-width: 1250px) {  
    /* styles here */  
}
```

## Other bits you may pick up on

- Outdated layout approaches;
- Performance improvements;
- Accessibility concerns;
- Media queries as documentation;
- **Unused and/or duplicated styles;**





# Automatic audit tools



# The best CSS analyzer out there.

Project Wallace is a set of CSS analyzers that check your complexity, specificity, performance, Design Tokens and much more. And all of that in a single web app.

ANALYZE CSS NOW!



## CSS Units

| Unit | Count |  |
|------|-------|--|
| px   | 1,328 |  |
| em   | 123   |  |
| s    | 112   |  |
| rem  | 111   |  |
| deg  | 53    |  |
| vw   | 45    |  |
| vh   | 12    |  |
| ch   | 7     |  |
| ms   | 6     |  |
| vmax | 6     |  |

## Unit usage per property

See how often a certain unit is used per CSS property.

### Legend



| Property   | Usage count |       |
|------------|-------------|-------|
| box-shadow | 148         |       |
| padding    | 110         |       |
| width      | 83          | 11 5  |
| height     | 83          | 8 3 1 |
| transition | 74          | 3     |
| font-size  | 41          | 8 6 2 |
| margin     | 39          | 10    |



Spacing Resets

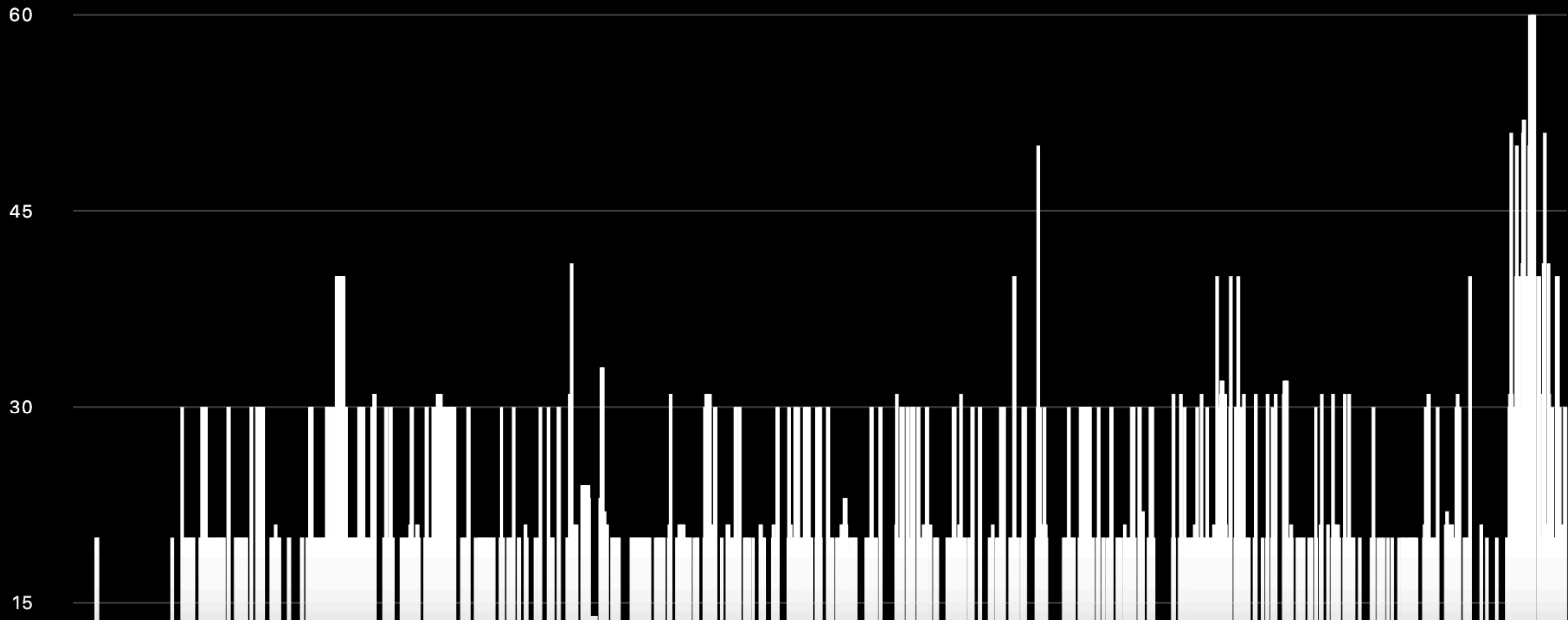
Amount of times each property has been set to 0

|         |             |              |               |                |
|---------|-------------|--------------|---------------|----------------|
| Margin  | Margin Top  | Margin Left  | Margin Right  | Margin Bottom  |
| 55      | 10          | 6            | 16            | 60             |
| Padding | Padding Top | Padding Left | Padding Right | Padding Bottom |
| 47      | 1           | 6            | 10            | 5              |

Specificity

|               |           |
|---------------|-----------|
| Average score | Max score |
| 16            | 60        |

Base 10 specificity score for each selector by source order. Generally, lower scores and flatter curves are better for maintainability. [Learn More](#)





Elements Console Sources Network CSS overview 1 1

Overview summary

|                       |     |                      |     |
|-----------------------|-----|----------------------|-----|
| Elements              | 154 | External stylesheets | 1   |
| Inline style elements | 1   | Style rules          | 244 |
| Media queries         | 8   | Type selectors       | 32  |
| ID selectors          | 0   | Class selectors      | 135 |
| Universal selectors   | 1   | Attribute selectors  | 0   |
| Non-simple selectors  | 16  |                      |     |

Colors

Background colors: 8

|           |         |            |            |
|-----------|---------|------------|------------|
| #ffffff   | #ececec | #faed2770  | #e0d9da... |
| #d7d7cfa3 | #e7d497 | #d3d2cb... | #a9a38e... |

Text colors: 2

|         |         |
|---------|---------|
| #8b0000 | #000000 |
|---------|---------|

Fill colors: 7

|         |         |         |         |
|---------|---------|---------|---------|
| #d7ab91 | #e1a47c | #d1a39d | #b1ac9c |
| #bba4a0 | #fa4d56 | #000000 |         |

Border colors: 5



```
/* Automatic audit tools */
```

anarodrigues.dev



The screenshot displays the Chrome DevTools Coverage tab, which is used for analyzing the usage of code in a web application. The top section shows a file tree on the left with the following structure:

- top
  - ohhelloana.blog
    - assets
      - (index) (selected)
    - 1Password – P...
    - scripts.withca...
    - storage.ko-fi.c...
    - unpkg.com

The main pane shows the CSS file `(index)` with the following styles:

```
.guestbook__new-entry {  
  padding: 1em;  
  border: 1em solid transparent;  
  background: url(/assets/websi...);  
  margin: 0 auto 3rem auto;  
  position: relative;  
  box-shadow: 0 2px 4px rgba(0, 0, 0, 0.1);  
}
```

The bottom section shows the Coverage table, which lists the usage of code across different URLs. The table has the following columns: URL, Type, Total Bytes, Unused Bytes, and Usag... (Usage Percentage). The table contains the following data:

| URL               | Type          | Total Bytes | Unused Bytes | Usag... |
|-------------------|---------------|-------------|--------------|---------|
| https://ohhell... | CSS+JS (...)  | 27,164      | 17,596       | 64.8%   |
| /webauthn-list    | JS (per fu... | 12,933      | 6,731        | 52%     |
| /prism-okaidia    | CSS           | 1,814       | 1,814        | 100%    |
| https://.../hello | JS (per fu... | 2,062       | 656          | 31.8%   |

At the bottom, a summary bar indicates: 2.3 MB of 8.7 MB (27%) used so far, 6.3 MB unused.

Oh Hello Ana - Blog

+

← → ↺

https://ohhelloana.blog

☆

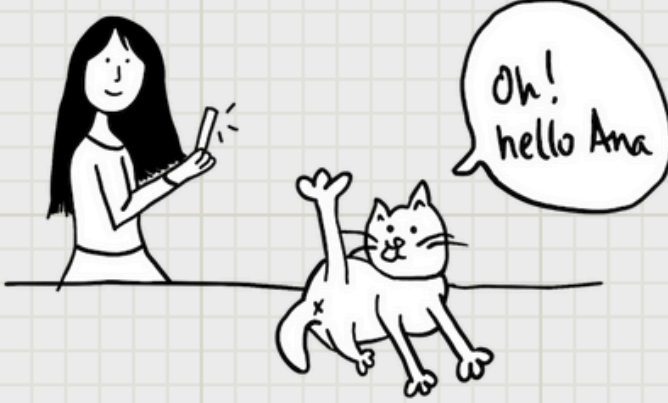
↓ 👤 🔒 📄 📐 📶 📡 📶

Galaxy Note... 700 x 915 DPR: ... No Throttling UA: Mozilla/5.0 (Linux; Android 11; SAMSUNG S

👤 📷 ⚙️ ✖️ 🔍 📄

Inspector Console Debugger Network Style Editor

📄 ... ✖️



OhHelloAna.blog

JOTTINGS FROM ANA RODRIGUES

READ MY BLOG POSTS

PIXELS

BOOKMARKS

CURSED THOUGHTS

<inline style sheet #1>

289 rules.

Save

prism-okaidia.css

17 rules.

body,

blockquote,

pre,

hr,

dl,

dd,

ol,

ul,

figure {

margin:0;

padding:0

}

.wrapper {

max-width:900px;

margin:0 auto

}

@font-face {

font-family:"Fallback";

src:local(Arial);

size-adjust:65%

}

@font-face {

font-family:"Nanum Pen Script";

font-style:normal;

font-weight:400;

font-display:swap;

src:local("Nanum Pen Script"),

url("/assets/fonts/NanumPenScript-Regular.woff2

unicode-range:U+000-5FF

}

h1,

h2,

h3,

h4,

h5,

h6 {

font-family:"andale mono","monotype.com",monaco

color:darkred

At-rules

@media (min-width: 800px) :2

@media (min-width: 1020px) :2

@media (min-width: 1020px) :2

@media (min-width: 1020px) :2

@media (min-width: 1020px) :2

@support (grid-gap: 1rem) :2

@media (min-width: 1020px) :2

@media (min-width: 40rem) :2

@media (min-width: 700px) :2

@media (min-width: 700px) :2

@media (min-width: 700px) :2

@media (min-width: 900px) :2

@media (min-width: 900px) :2

@media (min-width: 900px) :2

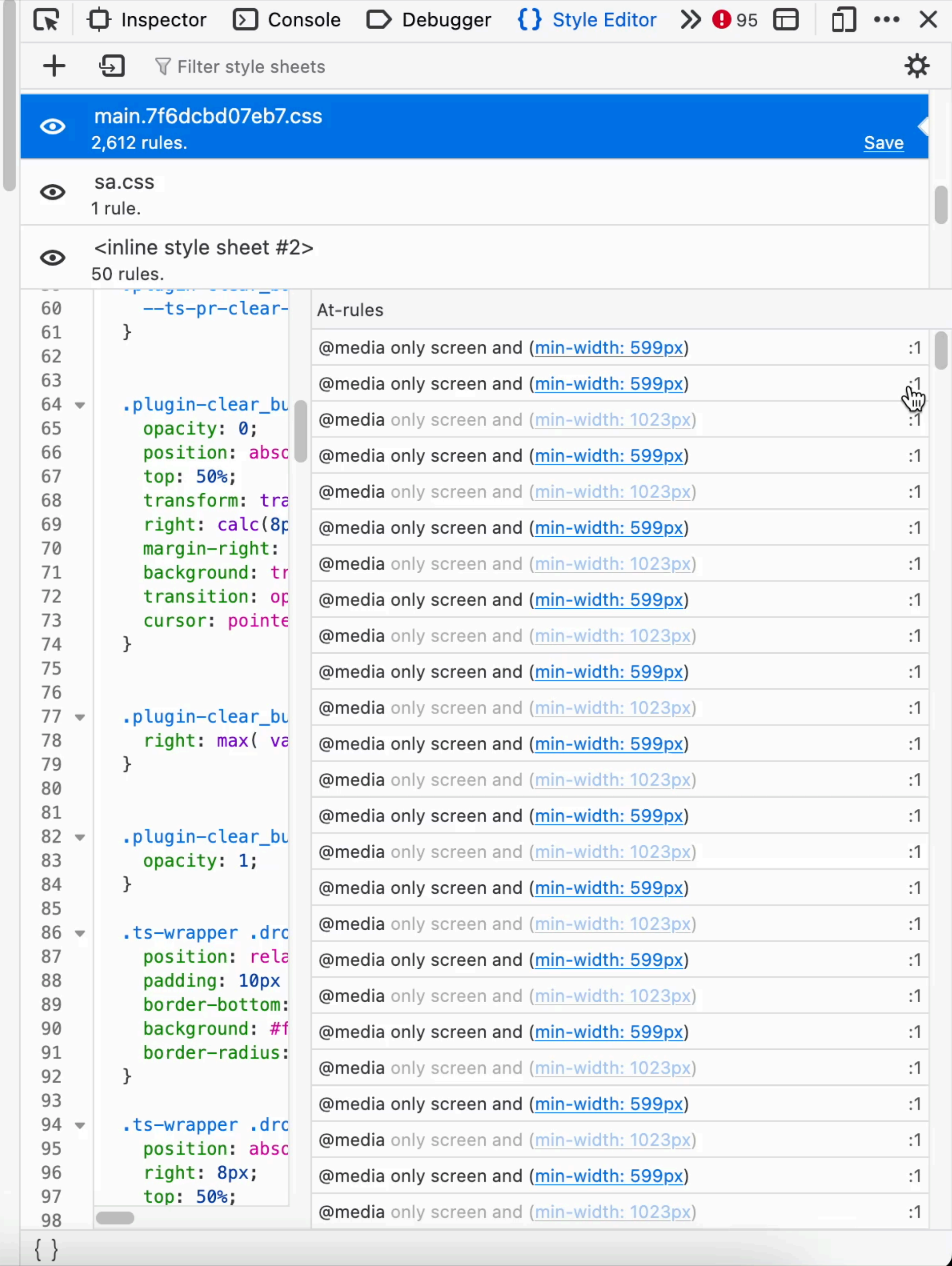
@media screen and (prefers-reduced-motion: reduce) :2

@media screen and (prefers-reduced-motion: reduce) :2



`/* Automatic audit tools */`

This may be necessary  
complexity or a sign that the  
designs were strict and fluid  
layouts were not applied here.





Media queries

|                                                                                                                                        |                 |  |
|----------------------------------------------------------------------------------------------------------------------------------------|-----------------|--|
| only screen and (min-width: 1023px)                                                                                                    | 273 occurrences |  |
| only screen and (min-width: 599px)                                                                                                     | 212 occurrences |  |
| (-ms-high-contrast: none), (-ms-high-contrast: active)                                                                                 | 14 occurrences  |  |
| only screen and (min-width: 720px)                                                                                                     | 14 occurrences  |  |
| only screen and (min-width: 1280px)                                                                                                    | 5 occurrences   |  |
| only screen and (min-width: 1023px) and (min-width: 599px)                                                                             | 4 occurrences   |  |
| only screen and (min-width: 1023px) and (min-width: 1023px)                                                                            | 4 occurrences   |  |
| print                                                                                                                                  | 3 occurrences   |  |
| only screen and (-ms-high-contrast: none) and (min-width: 599px), only screen and (-ms-high-contrast: active) and (min-width: 599px)   | 3 occurrences   |  |
| only screen and (min-width: 1023px) and (-ms-high-contrast: none), only screen and (min-width: 1023px) and (-ms-high-contrast: active) | 3 occurrences   |  |
| only screen and (min-width: 1330px)                                                                                                    | 3 occurrences   |  |
| only screen and (min-width: 1295px)                                                                                                    | 3 occurrences   |  |
| only screen and (min-width: 399px)                                                                                                     | 2 occurrences   |  |
| only screen and (min-width: 1680px)                                                                                                    | 2 occurrences   |  |
| (prefers-reduced-motion: no-preference)                                                                                                | 1 occurrence    |  |
| screen and (max-width: 480px)                                                                                                          | 1 occurrence    |  |
| (min-width: 600px)                                                                                                                     | 1 occurrence    |  |
| (min-width: 400px)                                                                                                                     | 1 occurrence    |  |
| (min-width: 1023px)                                                                                                                    | 1 occurrence    |  |

@media

TOTAL 553  
UNIQUE 24 (4.3%)

☒ Sort by source order ☐ Sort by count ☐ Sort A-Z

| Count | Value                                                                                                                               |
|-------|-------------------------------------------------------------------------------------------------------------------------------------|
| 1     | (prefers-color-scheme: light)                                                                                                       |
| 1     | print                                                                                                                               |
| 1     | (max-width: 599px)                                                                                                                  |
| 3     | only screen and (min-width: 1295px)                                                                                                 |
| 1     | only screen and (min-width: 1070px)                                                                                                 |
| 3     | only screen and (min-width: 1330px)                                                                                                 |
| 1     | only screen and (min-width: 1060px)                                                                                                 |
| 1     | only screen and (min-width: 340px)                                                                                                  |
| 1     | only screen and (min-width: 1200px)                                                                                                 |
| 2     | only screen and (min-width: 1680px)                                                                                                 |
| 4     | only screen and (min-width: 1023px)and (min-width: 1023px)                                                                          |
| 4     | only screen and (min-width: 1023px)and (min-width: 599px)                                                                           |
| 1     | all and (min-width: 1024px)                                                                                                         |
| 1     | all and (min-width: 480px)                                                                                                          |
| 1     | only screen and (min-width: 599px)and (-ms-high-contrast: none),only screen and (min-width: 599px)and (-ms-high-contrast: active)   |
| 3     | only screen and (min-width: 1023px)and (-ms-high-contrast: none),only screen and (min-width: 1023px)and (-ms-high-contrast: active) |
| 1     | only screen and (-ms-high-contrast: none)and (min-width: 1023px),only screen and (-ms-high-contrast: active)and (min-width: 1023px) |
| 3     | only screen and (-ms-high-contrast: none)and (min-width: 599px),only screen and (-ms-high-contrast: active)and (min-width: 599px)   |
| 5     | only screen and (min-width: 1280px)                                                                                                 |
| 14    | only screen and (min-width: 720px)                                                                                                  |
| 14    | all and (-ms-high-contrast: none),(-ms-high-contrast: active)                                                                       |
| 2     | only screen and (min-width: 399px)                                                                                                  |

@keyframes

TOTAL 1  
UNIQUE 1 (100%)

☒ Sort by source order ☐ Sort by count ☐ Sort A-Z

| Count | Value                    |
|-------|--------------------------|
| 1     | @keyframes lds-dual-ring |

@supports

☒ Sort by source order ☐ Sort by count

| Count | Value           |
|-------|-----------------|
| 19    | (display: grid) |



When you run a CSS automated audit, the high numbers in reports can seem alarming, but they might be completely appropriate for your project.

Automated tools cannot distinguish between  
necessary complexity and technical debt.





# Practical next steps





**Document low hanging technical debt in tickets.**



**Label the “quick wins” for momentum.**



**Ask questions.**



**/\* Practical next steps \*/**



**Create your baseline wish list**

**<https://github.com/web-platform-dx/baseline-status>**

**<https://chrome.dev/google-analytics-baseline-checker>**

**<https://web.dev/articles/how-to-choose-your-baseline-target>**



# Google Analytics | Baseline Checker

A tool to help Google Analytics users determine the best Baseline target for their site, **based on their users**.

## How it works

**Step 1:** Export your browser usage data from Google Analytics ([learn how](#)).

**Step 2:** Import that data using the [tool below](#) to generate a report.

**Step 3:** Use this report to help you choose the best Baseline target for you.

## Import your Google Analytics data

Drag & Drop file here, or click to choose a file

***Note:** All data imported into this tool is processed entirely on device. No data is processed or stored remotely.*





After the practical next steps you will probably  
**wait**  
**& find the pain**  
**points**





Dear Diary...

What is causing me to take longer to make a change or add a new feature?

What normally comes back as a bug after we work on this codebase?

What do I dread to touch?

Could anyone arrive to this project and make this change?

Is it a real problem or just not done to my taste?



## Example #1

Whenever we add a new feature that allows some rich text to be added via the CMS, the utility class the project currently uses adds extra margins to the container as well as to all the paragraphs.

This means **lots has to be reset every time in new features**. Especially if only one paragraph of text is added.





## Example #2

The new spacing guidelines are very different from the existing ones in the codebase.

Whenever we add a new feature, it inherits the existing spacing and **we have to overwrite it** to match the new designs.



### Example #3

The same template is being re-used for multiple differently styled cards so we have to go in deep in specificity.

**It takes time** to make sure we're changing the correct thing.





## Example #4

There's a lot of unnecessary code. Nearly all the code is written inside some @supports which are now baseline.

Whenever we make changes to that code, **we need to pay extra attention** to where we are adding it.

Talking to Product owners







**Actual design systems ROI: scalability, collaboration, speed, cohesive brand. You can't guess how much money your design system saved you! Product people like that though.**

Geri Reid - <https://gerireid.com>



Product people are tasked with delivering experiences that make money.  
Or at minimum, don't lose money.



Metrics like reduced file size or faster loading times are great, but if your website is primarily visited by people on fast connections, they won't make a significant business impact.

When you enhance the codebase for developer experience, the value takes time to materialise.





**If a bug fix isn't tied to a specific requirement or feature, it gets labeled as "tech debt" and shoved to the bottom of the backlog. And let's be honest: "tech debt" is corporate-speak for "we'll deal with this never."**

<https://idiallo.com/blog/companies-dont-fix-bugs>



# Can you convince the product owner to refactor a dormant website?

Probably not.



**How do we get the money back from investing your time doing this?**



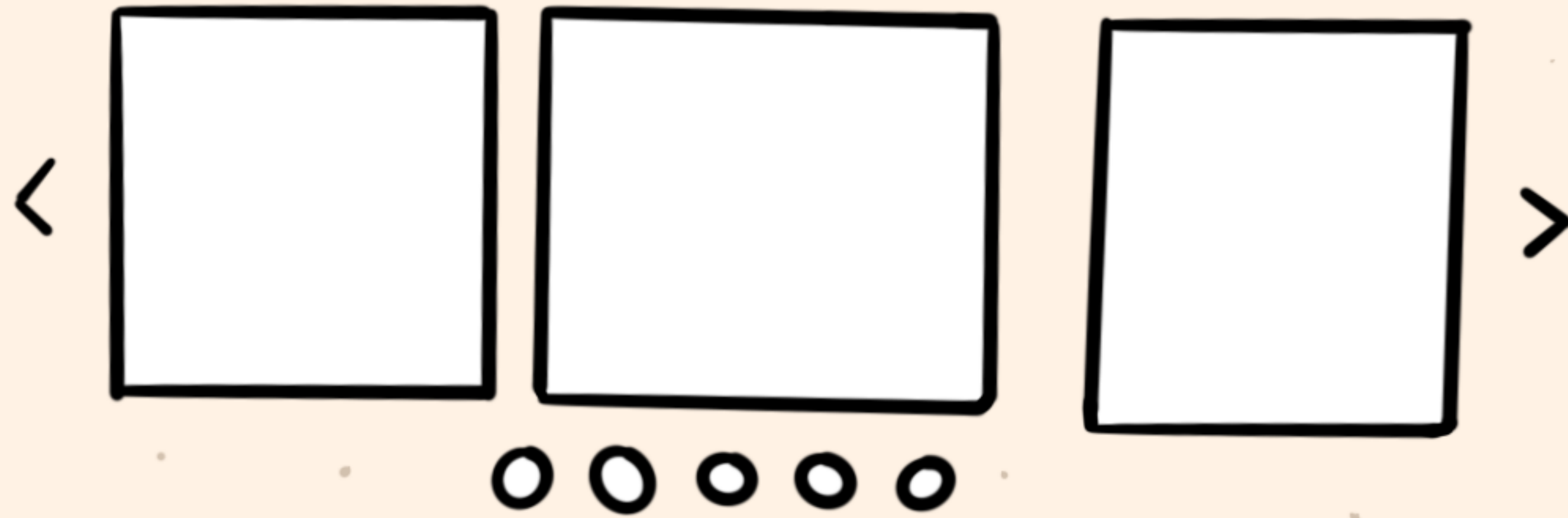


**How does this mitigate risk?**

**If we don't do this, this very annoying thing can happen and it will delay many other things.**



# A FUTURE WHERE CAROUSELS WITH CSS



- ☒ ACCESSIBLE
- ☒ BASELINE





**You love the craft.**



**Not your personal website.**



**Employer doesn't want you to work for free.**

## Future Carousels with CSS - Attempt #1

Hey! So you know how we use those carousels on the website?  
I think we should replace it with “CSS Carousels”. [Here's an example.](#)



What is wrong with the current implementation?

It works! But it is using a third party library and it's always good to delete some code and remove reliance on javascript.





## Future Carousels with CSS - Attempt #1



Is the 3rd party library still being supported?

Humm. Maybe? I just checked the repo. It hasn't been updated in a while but I guess there isn't a reason to?



I'm not sure if that's where we should be focusing now since it works.



Mitigating the risk of third party fallout.





**Are we limited with how it looks like?**

**Is the UX improved, does it feel more native?**

**Does it unlock any new features?**



**Can we reproduce the exact same design?**

## **Future Carousels with CSS - Attempt #2**

**Hey! So I learned about this web feature and now that it is safe to implement I think we should use it on this component we have on our website.**

**We've been pretty good with the accessibility overall and refactoring this component to use something that we know is accessible will increase our confidence.**



**Mitigating the risk of accessibility standards increase**



## **Future Carousels with CSS - Attempt #3**

**Hey! So since we have some hours per sprint for personal development and I learned about this web feature and now that it is safe to implement I think we should use it on this component we have on our website.**

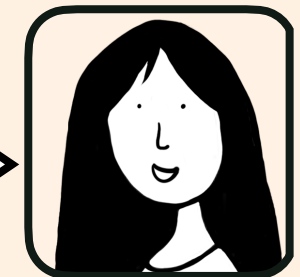
**I would like to spend my time this upcoming sprint experimenting with this.**



**Personal development is part of the job!!**

## Addressing pain points

**Hello! We have a lot of CSS inside @supports to cater for IE11 users. This makes changes really time consuming and prone to errors. Is IE11 still a browser we support?**



**Hi! Huh, so I had a look and looks like we haven't had a single visitor using IE11 in the past 6 months. Let's remove it then. We need a time estimate though.**



## Addressing pain points

**Good question. Let me think about it and get back to you. It's is happening in a lot of features so we also will need to test them all.**



**Okay. Let me know when you have a time estimate but it might be a while until we have time in a sprint to book that amount of work.**






## Addressing pain points

**Good question. Let me think about it and get back to you. It's is happening in a lot of features so we also will need to test them all.**



**Right! Okay. In that case, instead of doing it in one go let's attach that work to when we're working on those features so that testing is included instead of doing a general regression testing.**



-  **Track CSS related bugs reaching User Acceptance Testing**
-  **Document development roadblocks**
-  **Shared concerns as early as possible**
-  **Upcoming features that might be affected or benefit from the refactor**
-  **Improve predictability and allow product people to plan with more confidence**



**Don't procrastinate. Messes only grow with time. You can easily make excuses and hold off on doing something until the conditions are right, or things seems stable.**

**Perfection isn't possible, but progress is.**

**"How to make sense of any mess" by Abby Covert**







So you got the green  
light to proceed.



# Refactor by component/feature



Strategy, Regression Testing  
and Maintenance (Part 2)

```
v styles
  v base
    base.css
  v components
    refactored-component.css
    overrides.css
> print
main.css
```



# The team



**Ana Rodrigues**

**Web Developer**

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```
.card {  
  /* styles here */  
}
```

```
.card--events {  
  /* styles here */  
}
```

```
.card--person {  
  /* styles here */  
}
```

# Which animals will you sponsor?



## Cute & Cuddly

From guinea pigs to sheep.


[Visit profiles](#)

```
.card {  
  /* styles here */  
}
```

```
.card--events {  
  /* styles here */  
}
```

```
.card--person {  
  /* styles here */  
}
```





Josh Tumath - How do we keep going wrong? Roundabouts and APIs.

# Booleans




```
darkMode: true
```

# Enums


```
theme: "light"  
theme: "dark"  
theme: "sepia"
```

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HD

YouTube



“How do we keep going wrong? Roundabouts and APIs” by Josh Tumath



# The team



## Ana Rodrigues

Front-end developer

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[Visit profile](#)

# Which animals will you sponsor?



## Marshmallow

Type: Sheep

Age: 5 years

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```
.card {  
    /* styles here */  
}  
  
.card[data-type="event"]{  
    /* styles here */  
}  
  
.card[data-type="person"] {  
    /* styles here */  
}  
  
.card[data-type="sponsor"] {  
    /* styles here */  
}
```

```
.progress-bar {  
    /* styles here */  
}  
  
.progress-bar[data-status="loading"] {  
    /* styles here */  
}  
  
.progress-bar[data-status="success"] {  
    /* styles here */  
}  
  
.progress-bar[data-status="error"] {  
    /* styles here */  
}
```

Recommended read: <https://www.keithcirkel.co.uk/css-classes-considered-harmful/>





```
.card {  
  border: 10px solid var(--brand-color);  
}  
.card[data-border-collapse~="top"] { border-top: 0; }  
.card[data-border-collapse~="right"] { border-right: 0; }  
.card[data-border-collapse~="bottom"] { border-bottom: 0; }  
.card[data-border-collapse~="left"] { border-left: 0; }
```

```
<div class="card" data-border-collapse="left right"></div>
```

Recommended read: <https://www.keithcirkel.co.uk/css-classes-considered-harmful/>



# Bring CSS logical properties and values

```
.card {  
  padding-top: 20px;  
  padding-right: 10px;  
  padding-bottom: 20px;  
  padding-left: 10px;  
}
```

```
.card {  
  padding-block-start: 20px;  
  padding-inline-end: 10px;  
  padding-block-end: 20px;  
  padding-inline-start: 10px;  
}
```

Recommended read: <https://css-tricks.com/css-logical-properties-and-values/>



# & more...

```
.container {  
  width: 500px;  
}  
  
@media (max-width: 800px) {  
  width: 100%;  
}
```

```
.container {  
  width: min(600px, 100%);  
}
```



Do maintenance every time you work on a component as testing will be included.

# What about automated testing?





Progress...  
not perfection.





Progress...  
not perfection.



Writing tidy and non-chaotic CSS is a skill.

# Thank you!

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[bsky.app/profile/ohhelloana.blog](https://bsky.app/profile/ohhelloana.blog)