

YOUR CMS IS AN ACCESSIBILITY ASSISTANT

Hidde de Vries, 14 February 2025, Web Camp Venlo

HI, I'M HIDDE

occasional blogger +
accessibility specialist

hidde.blog



I  **ACCESSIBILITY**

WHY ACCESSIBILITY?

service bigger audience

meet legislation

build better

ACCESSIBILITY =

to ensure people with disabilities
can use our services

ACCESSIBILITY =

to ensure people with disabilities
can use our services

- auditory
- physical
- visual
- cognitive
- speech

15-20%
of your users

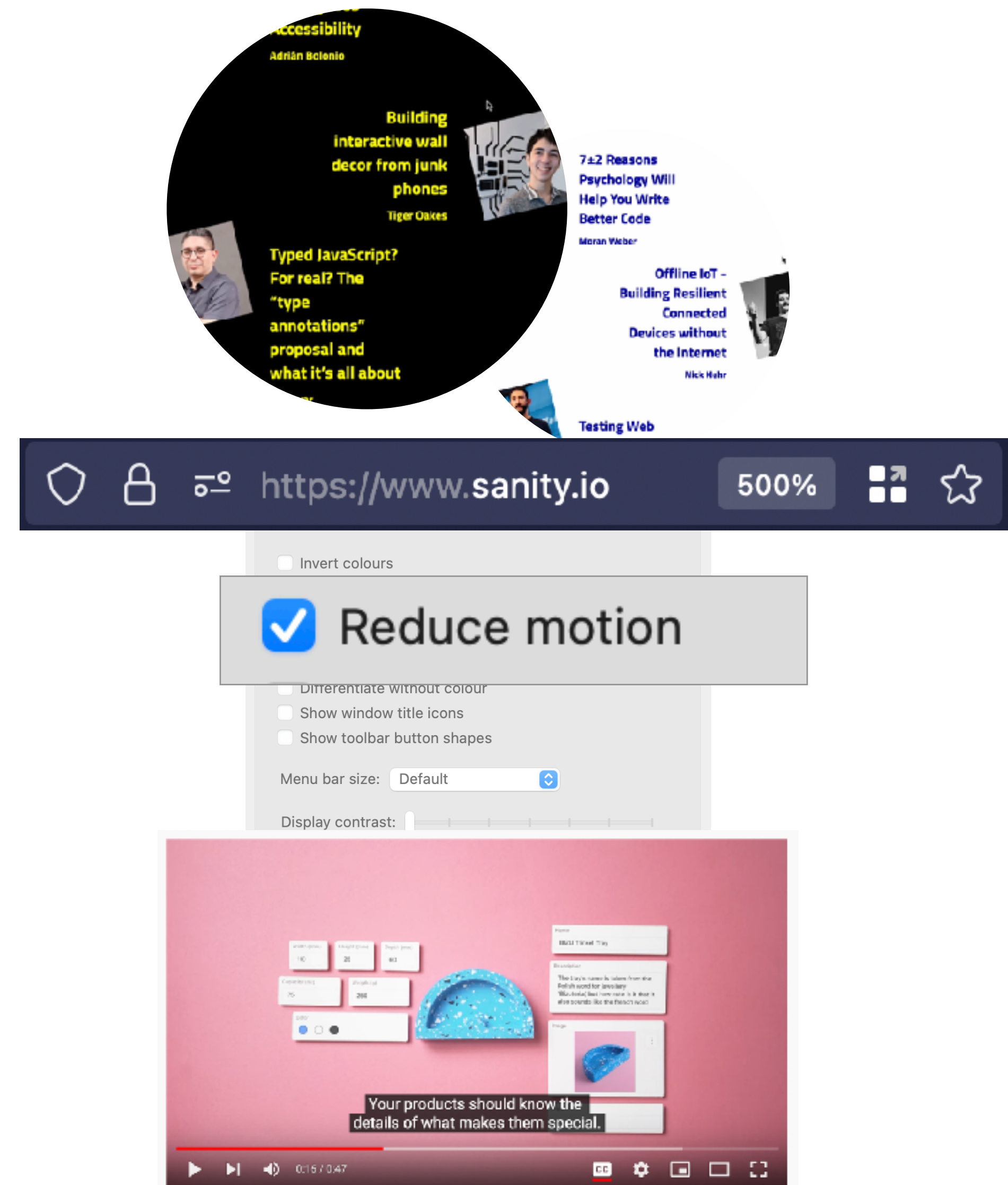
Disability is a
spectrum



Users will

- zoom in
- use high contrast mode
- use a screenreader
- avoid using a mouse
- control the tech with their voice
- be unable to turn their device

Source: W3C/WAI, *How people with disabilities use the web*

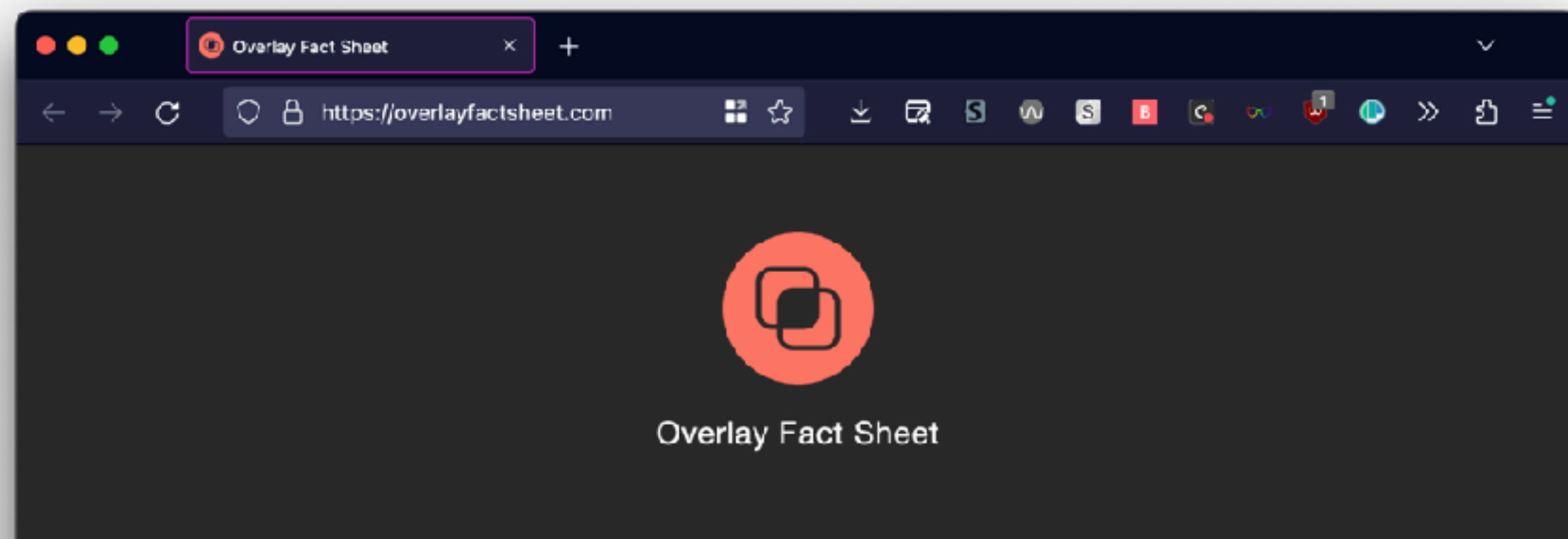


WAI-ARIA TECHNIQUES
UNDERSTANDING COGA ACT-RULES
WCAG 2.1 LEVEL A/A/AAA ATAG
AXE LOW VISION ASSISTIVE TECH
ACCESSIBLE VR XAUR UAAG ACT
MATURITY MODEL WEBVTT AGWG
LAWS & POLICIES SEMANTICS
CONFORMANCE EVALUATION EARL
AUTHORING PRACTICES WCAG-EM
ACCESSIBILITY STATEMENTS

**“WHY ISN'T
ACCESSIBILITY
EASIER?”**

–a befriended web developer

‘BUILT-IN’ ACCESSIBILITY



As of today, the signatories to the overlay factsheet include:

- Contributors and editors for [WCAG](#), [ARIA](#), and [HTML](#) specifications
- Consultants from [US](#), [UK](#), [NL](#), [CA](#), [JP](#), [DE](#), [FR](#), [SE](#), [NO](#), [BE](#), [PL](#), [AU](#), [DK](#), [IL](#), [CL](#) and more
- Internal accessibility experts for companies like Google, Microsoft, Apple, NBC, Squarespace, BBC, VMWare, Shopify, ServiceNow, Dell, Lyft, HCL, Costco, Expedia, eBay, Cigna, Target, CVS Health, Kijiji, Orange, Pearson, Mitre, Sapient, and Pearson Assessments
- Internal accessibility experts from higher education institutions like Syracuse, CSU, Stuttgart Media University, University of Massachusetts, San Francisco State University, Gallaudet University, Carnegie Mellon, West Virginia University, MIT
- Lawyers for the disabled
- Contributors to assistive technology software such as JAWS and NVDA
- Scores of end users with disabilities

OVERLAYS *don't use*

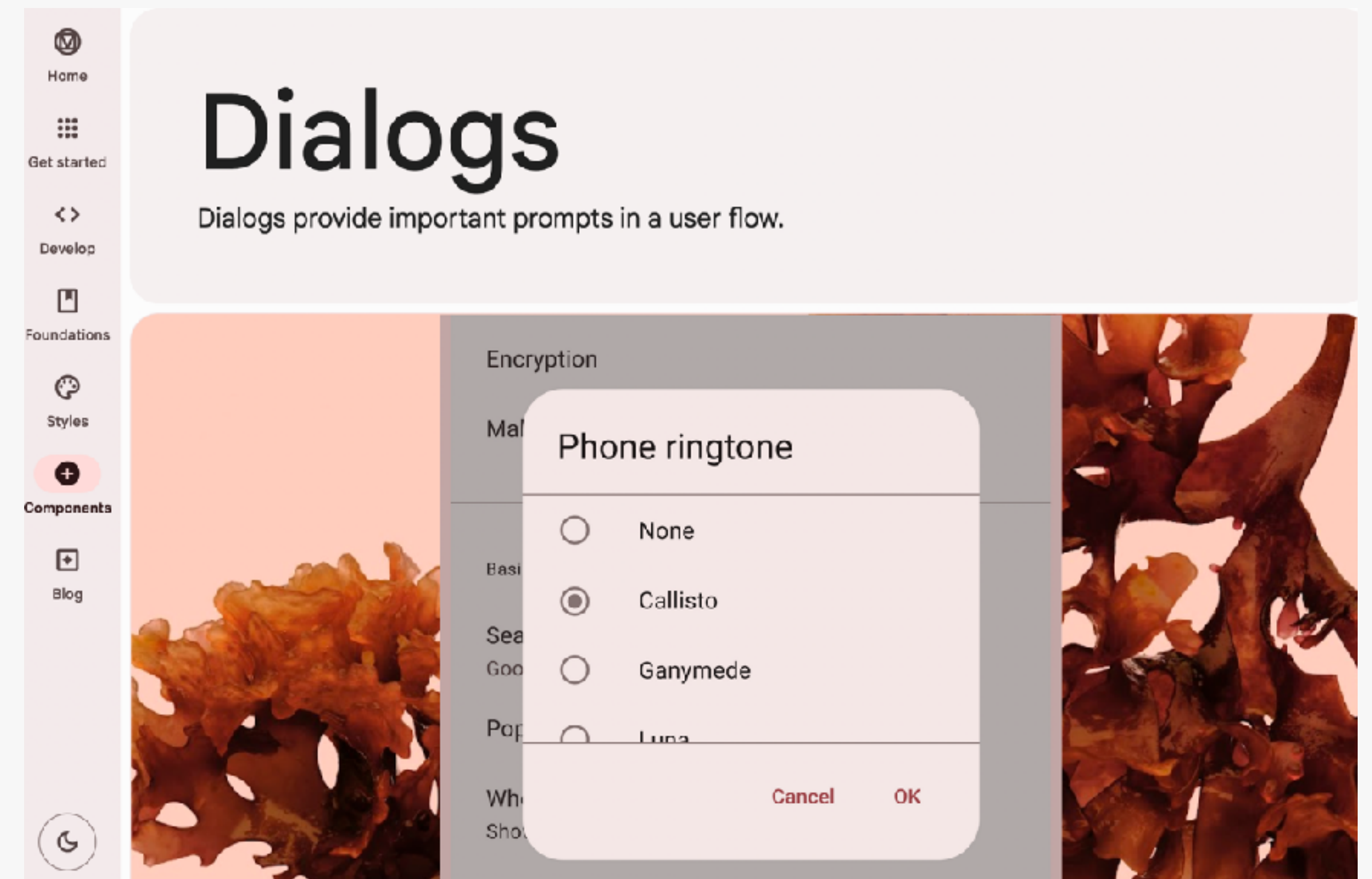
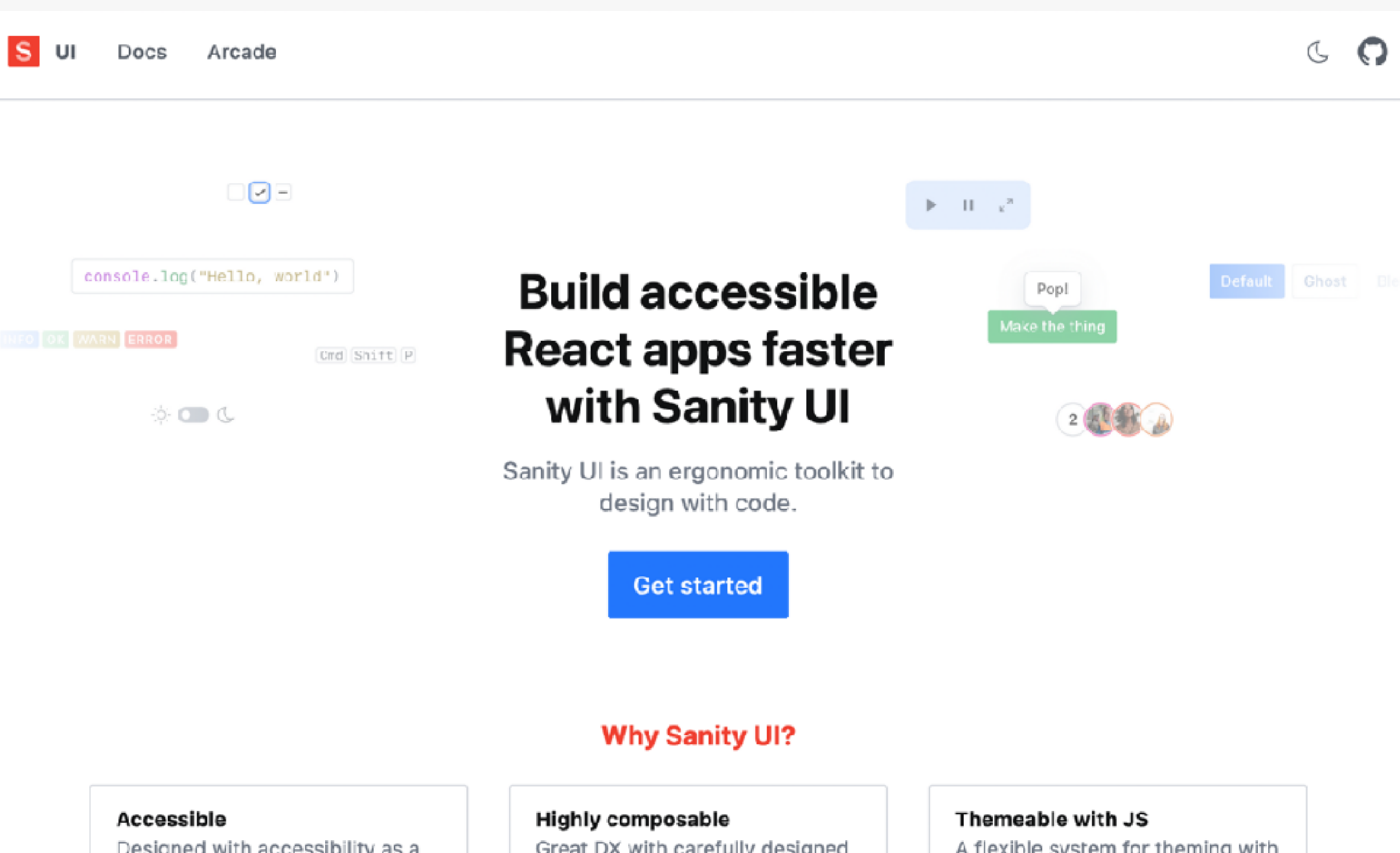
Promise to fix accessibility in content automatically, but “ineffectiveness of overlays is something that has broad agreement among accessibility practitioners”

<https://overlayfactsheet.com>

DESIGN SYSTEMS

With components, we can make accessibility reusable and repeatable

Sanity UI, Material UI



DESIGN SYSTEMS

With components, we can make accessibility reusable and repeatable

DOCUMENT

Do's, don'ts, gotchas

The screenshot shows a design system documentation page for a 'Heading' component. On the left is a vertical navigation menu with the following items: Heading (highlighted), Inline, KBD, Label, Popover, Radio, Select, Spinner, Stack, Switch, Text, TextArea, TextInput, and Tooltip. The main content area is divided into two sections: 'Properties' and 'Accessibility considerations'. The 'Properties' section contains a table with three rows of type definitions: 'as?: React.ElementType | keyof JSX.IntrinsicElements', 'size?: number | number[]', and 'weight?: string'. The 'Accessibility considerations' section contains two paragraphs of text explaining the importance of using the 'as' property for navigation.

Properties 🔗
<code>as?: React.ElementType keyof JSX.IntrinsicElements</code>
<code>size?: number number[]</code>
<code>weight?: string</code>

Accessibility considerations [🔗](#)

Many users of assistive technologies use headings as a way to navigate ("navigate by heading" functionality). Tools like screenreaders can display a list of headings, which is [a bit like a table of contents](#).

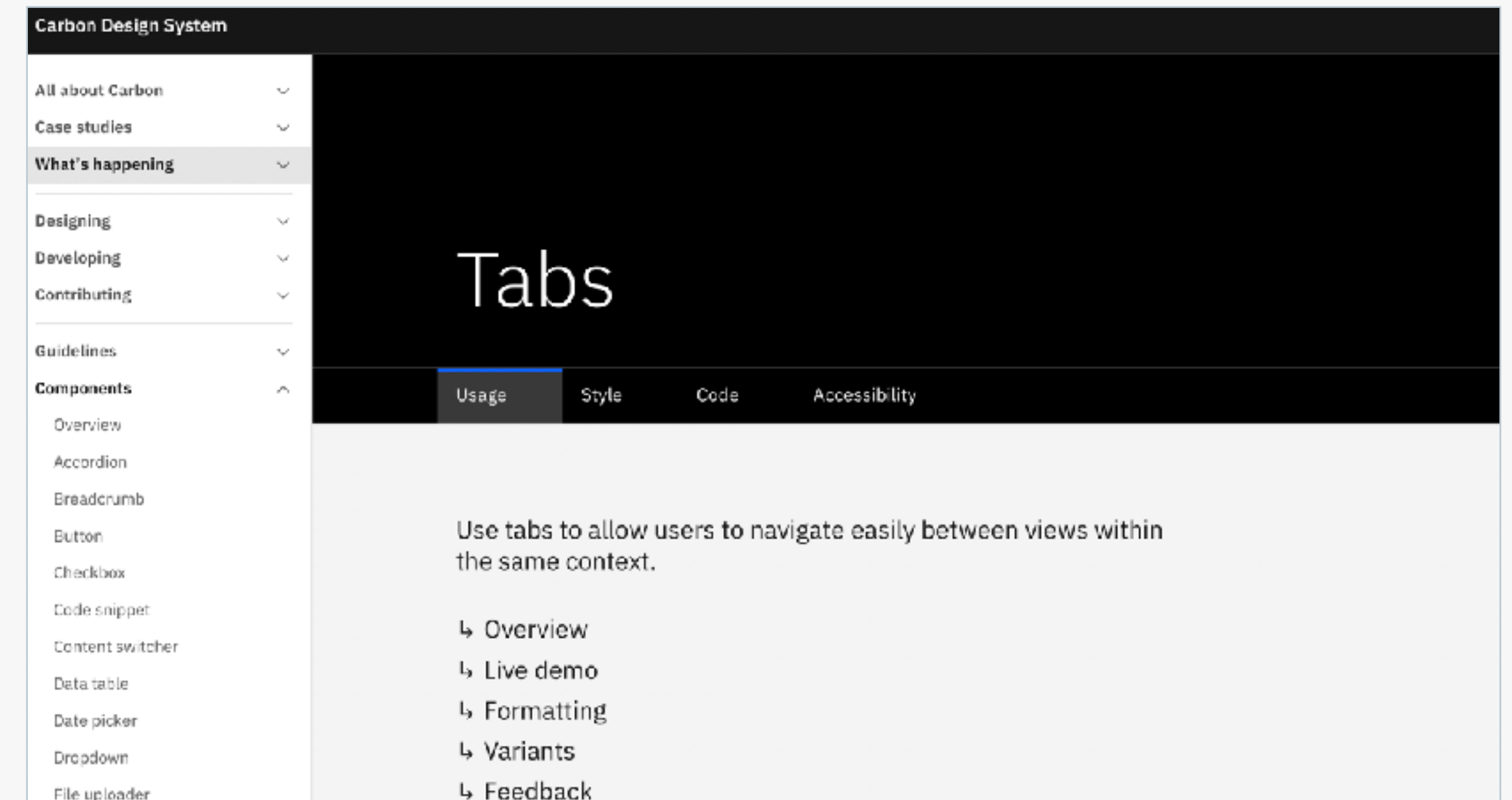
For this reason, use the `as` property with a level whenever your heading is something users might want to navigate to. This ensures your heading can be recognised as a heading.

DESIGN SYSTEMS

With components, we can make accessibility reusable and repeatable

COMPLEX COMPONENTS

For reuse in across front-end

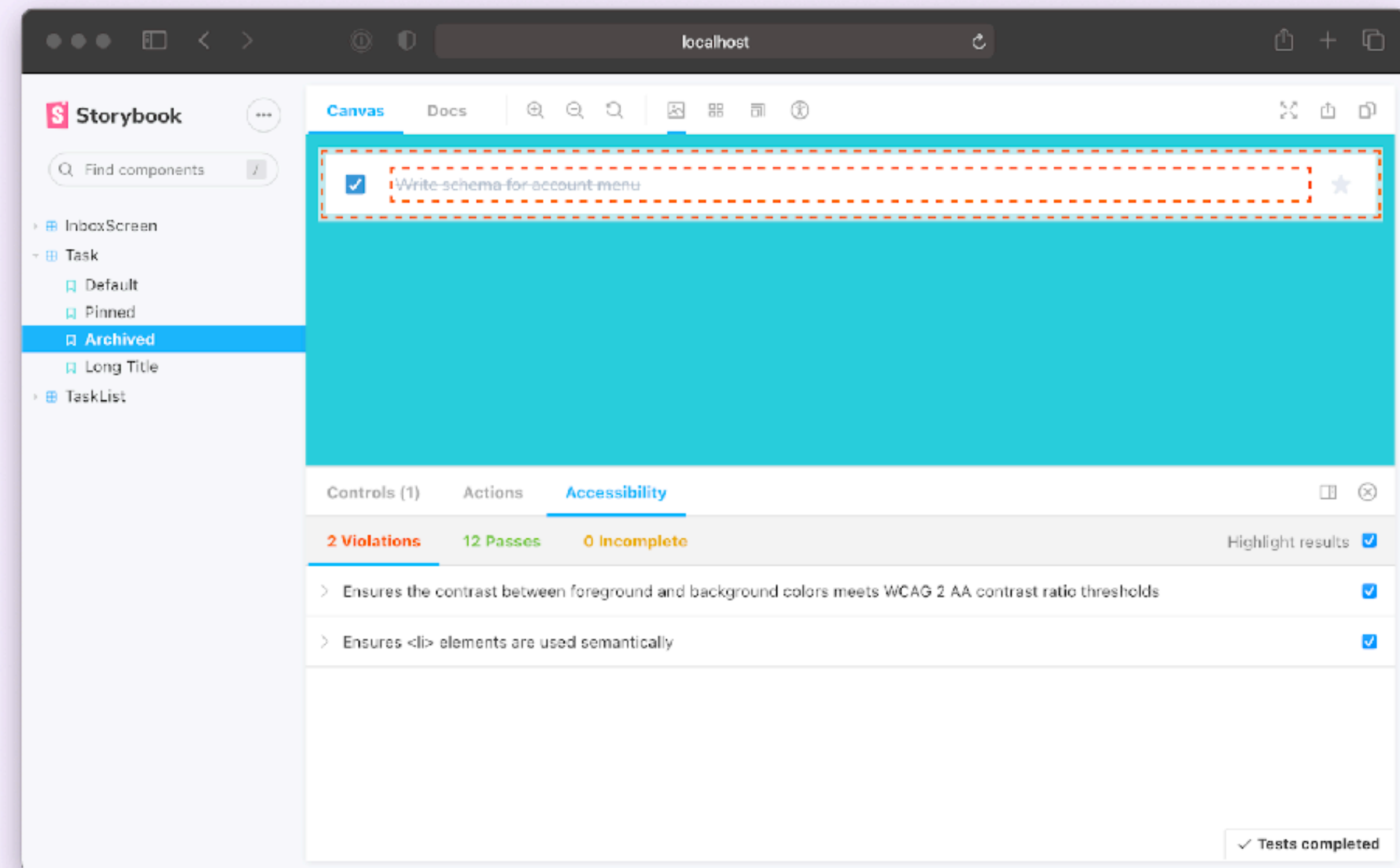


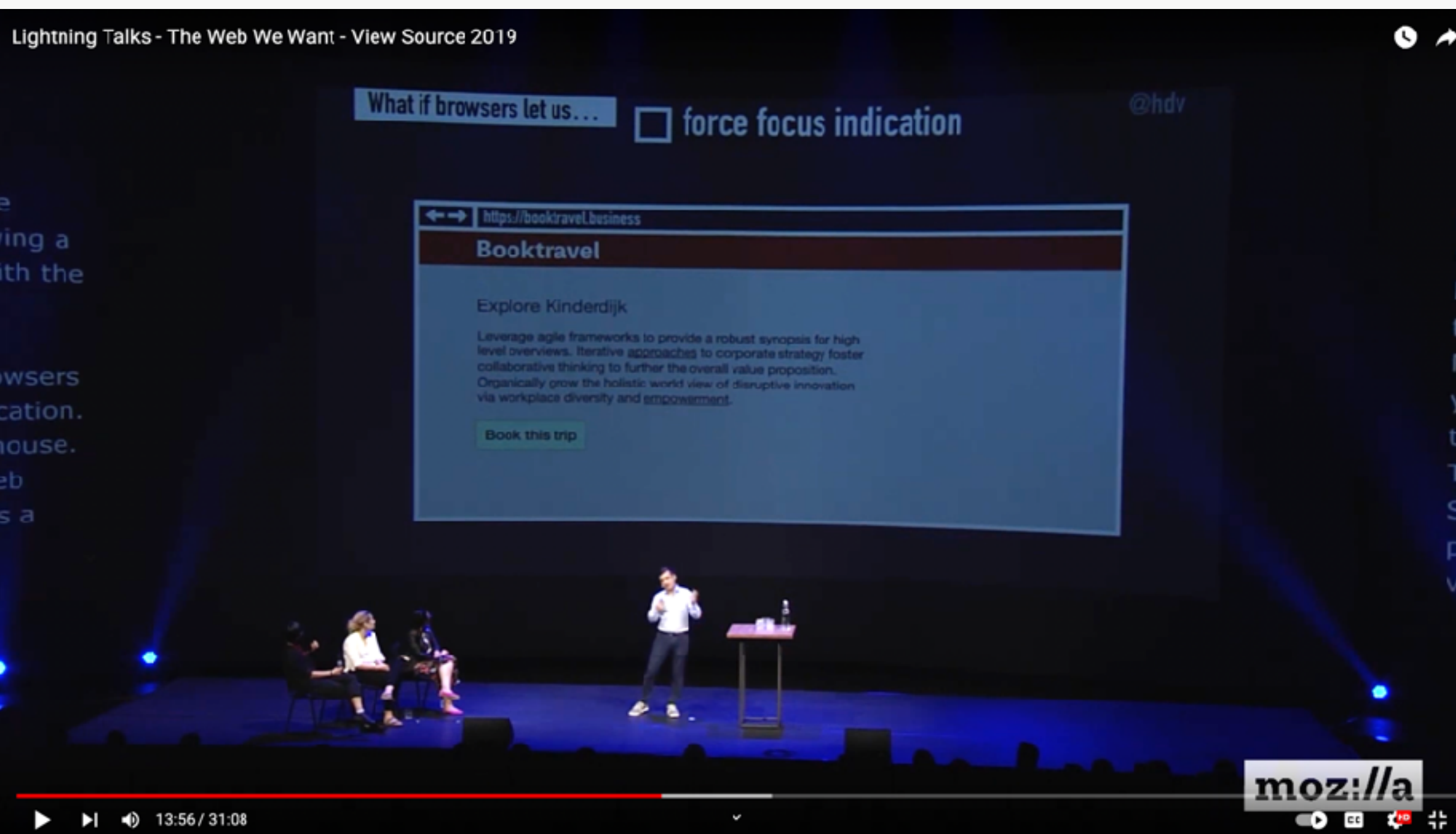
DESIGN SYSTEMS

With components, we can make accessibility reusable and repeatable

TESTS PER COMPONENT

With tools like Storyblok





BROWSERS

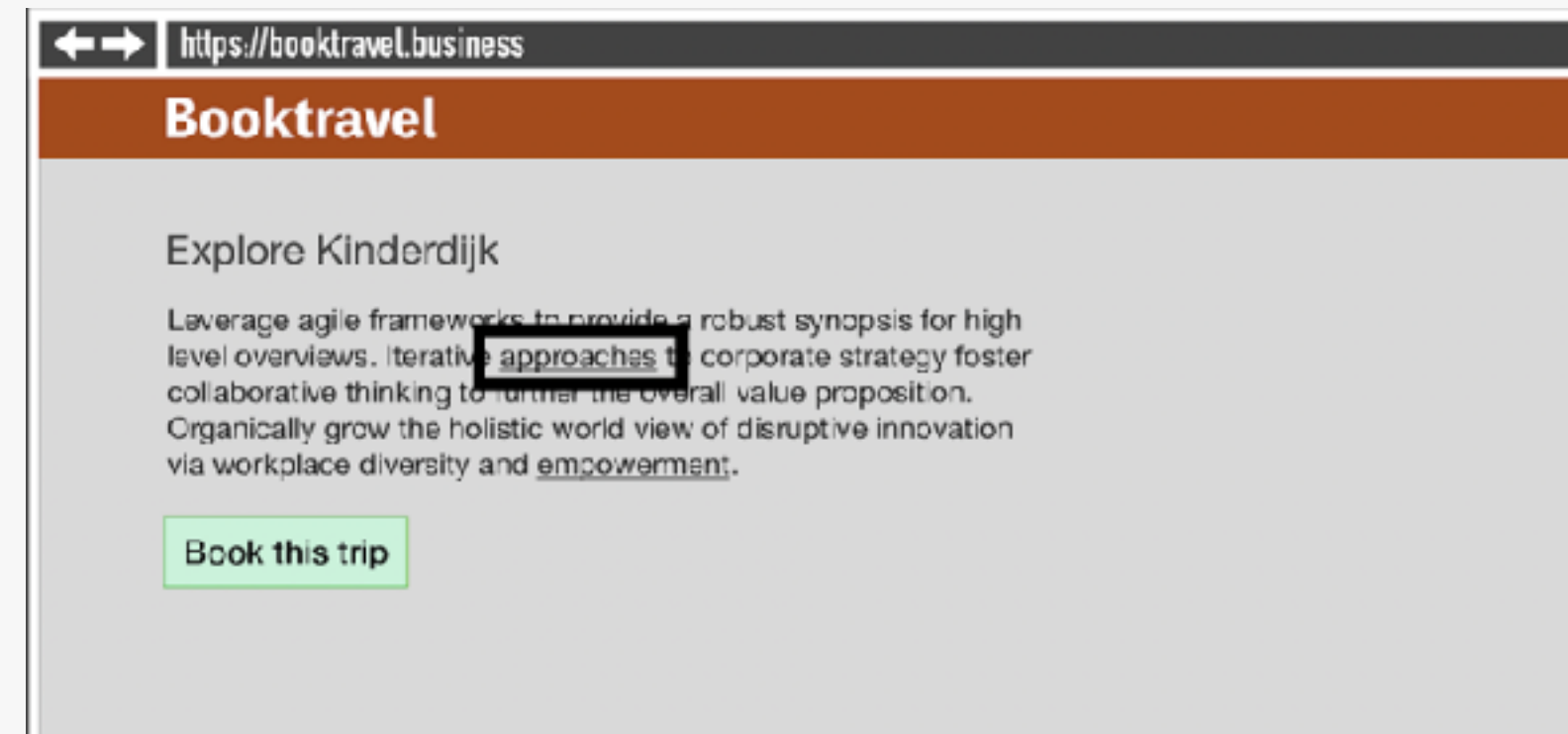
Could fix a small subset of accessibility issues in content automatically for end users



Untruncate text



Force colour contrast



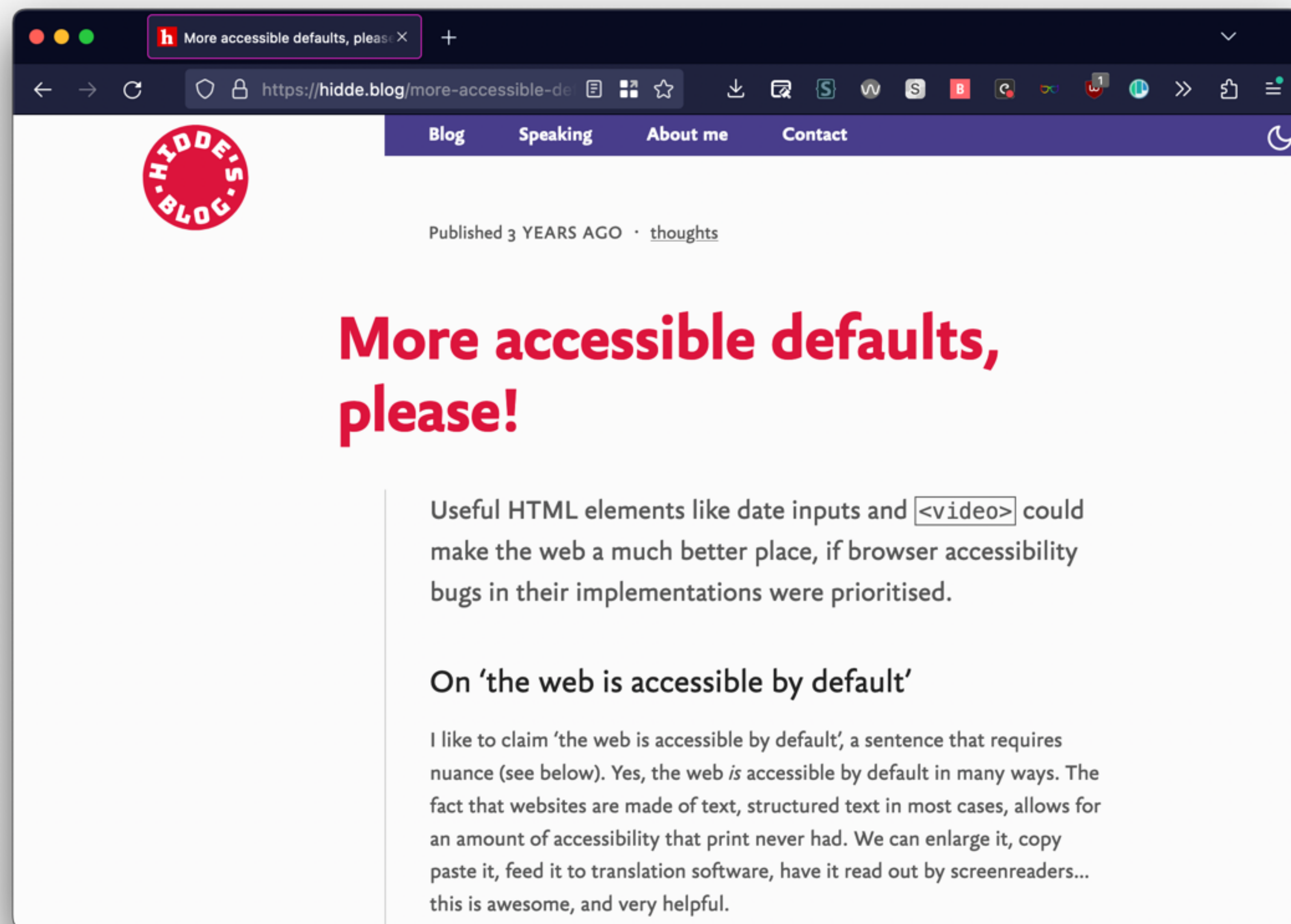
Force focus indication



Suppress autoplay of gifs and videos

HTML

Could offer more
accessibility-by-default
components



```
// features that make a11y possible,  
// e.g. support for alt text  
<img src="" alt="" />
```

```
// features that make a11y possible,  
// e.g. support for captions  
<video>  
  <track>...</track>  
</video>
```

```
// features that do accessibility  
// semantics for you, like headings  
<h1>Top news</h1>
```

```
// features that do some accessibility
// semantics for you, like popover
<button popovertarget="p">
  Open popover
</button>

<div popover id="p">
  I am popover content
</div>
```



```
// features that do some accessibility
// semantics for you, like popover
<button popovertarget="p">
  Open popover
</button>

<div popover id="p">
  I am popover content
</div>
```

**I am popover
content**

```
// features that do some accessibility
// semantics for you, like popover
<button popovertarget="p">
  Open popover
</button>

<div popover id="p">
  I am popover content
</div>
```

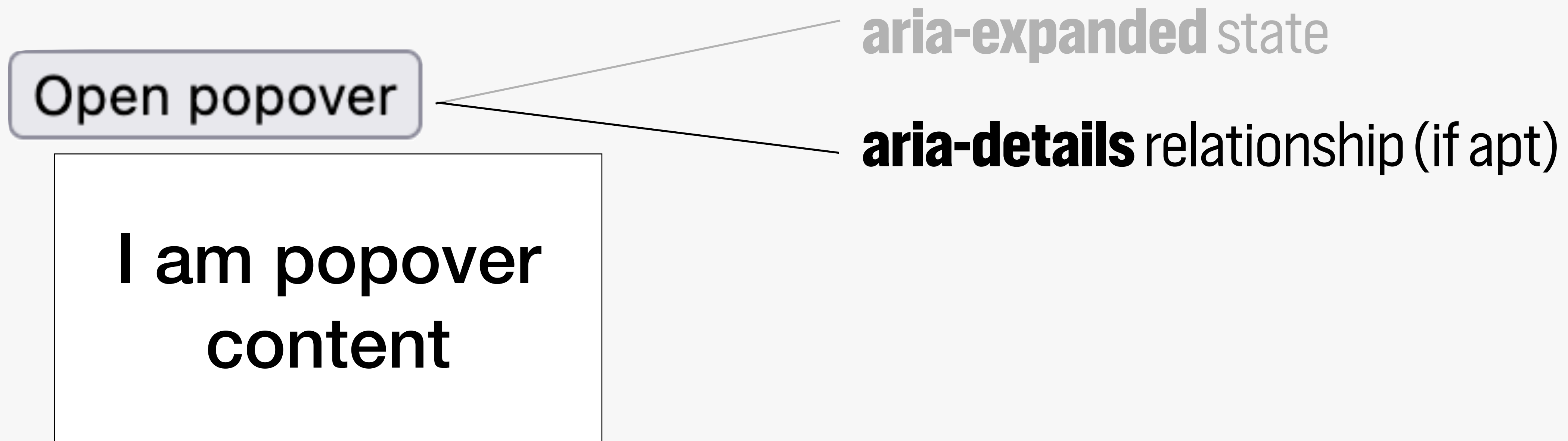
Open popover

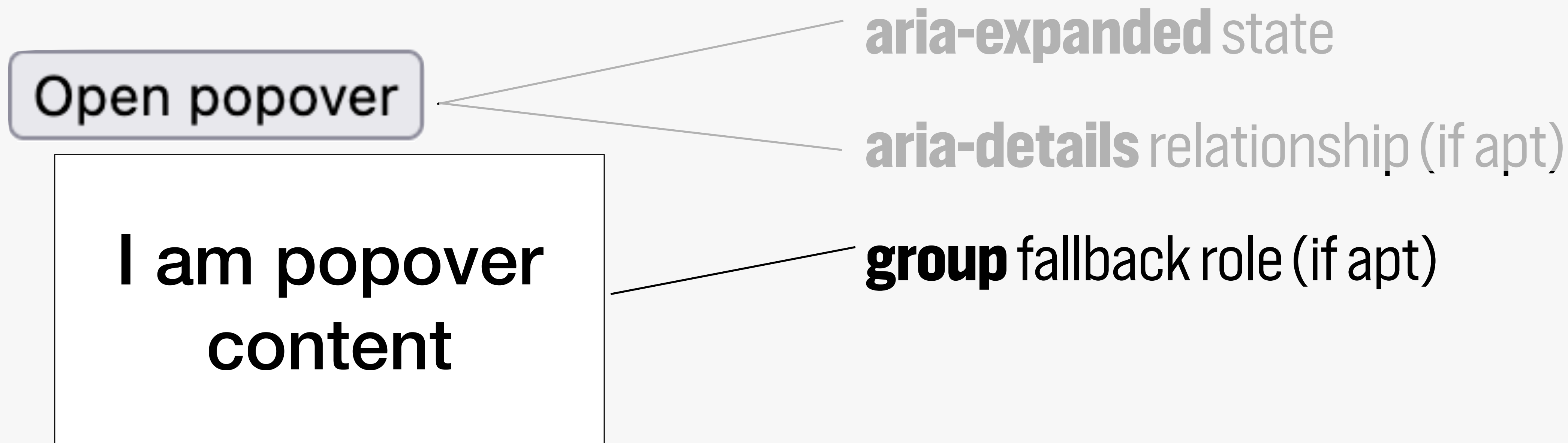
**I am popover
content**

aria-expanded state

Open popover

I am popover
content





Open popover

I am popover
content

aria-expanded state

aria-details relationship (if apt)

group fallback role (if apt)

some focus management

Open popover

**I am popover
content**

NOT BUILT-IN:

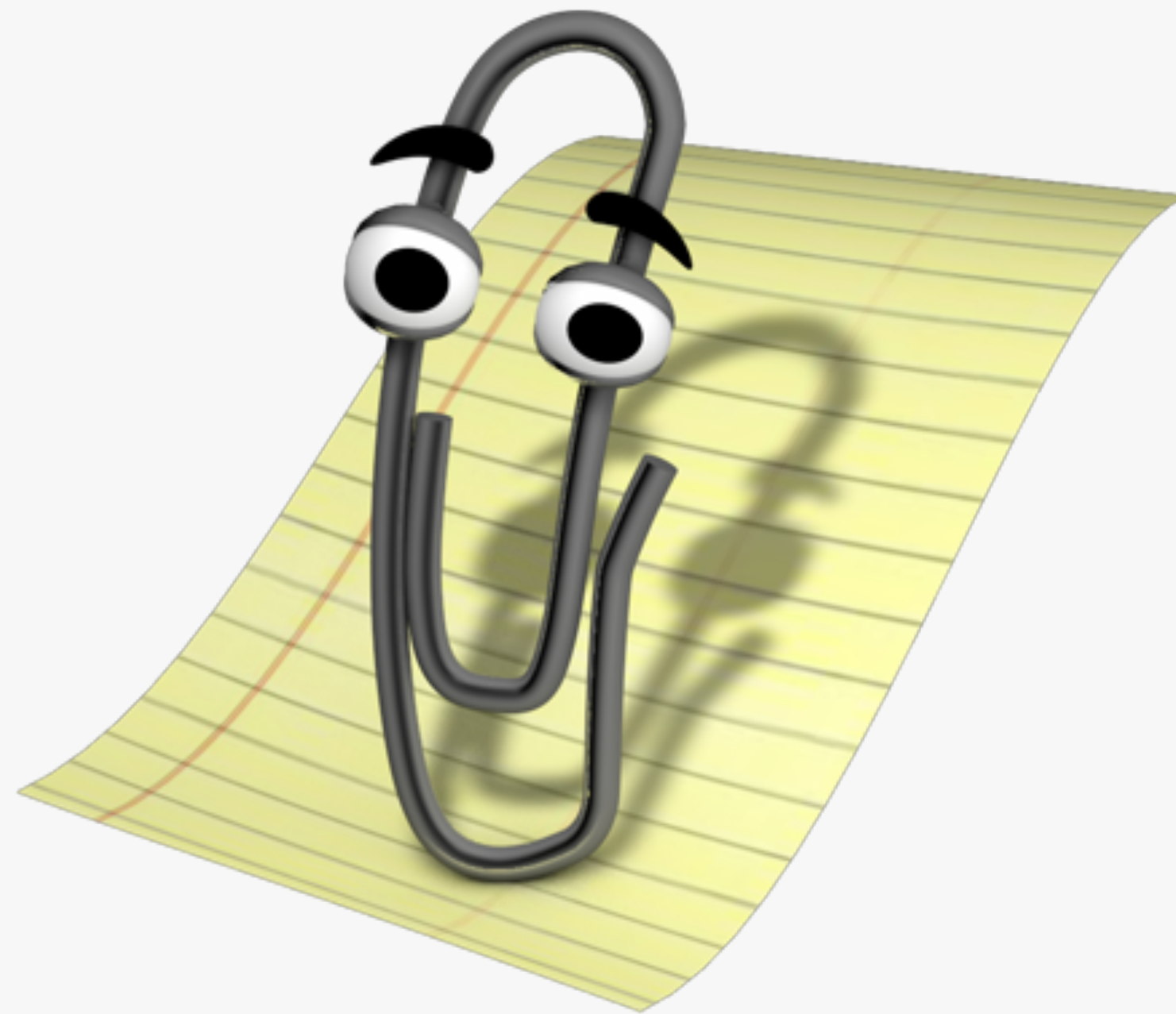
colour contrast

zoom support

etc etc

CMS

Could help with accessibility
in the authoring process



CMSES AND THEIR ACCESSIBILITY

Assessing CMS accessibility

WCAG

For web
content

ATAG

For tools that make
web content

ATAG REPORT TOOL

Offered by W3C to help create ATAG audit reports

The screenshot displays the ATAG Report Tool interface. At the top, there is a dark blue header with the title "ATAG Report Tool" on the left and the W3C Web Accessibility Initiative (WAI) logo on the right. Below the header is a light blue navigation bar with tabs for "Overview", "About", "A.1", "A.2", "A.3", "A.4", "B.1", "B.2", "B.3", "B.4", and "Report". The "Overview" tab is currently selected.

Overview

This tool helps evaluators report on the accessibility of authoring tools. It guides you through the Authoring Tool Accessibility Guidelines (ATAG) requirements, lets you record your evaluation results for each requirement, and generates a report of the authoring tool's ATAG conformance.

Tips for using this tool:

- As you use the tool, the [Report](#) page lists the success criteria that you have checked and not checked.
- You can export your report as HTML (web page) and as JSON (structured data).
- The tool saves information you enter locally in your browser for backup (not on our servers).
- You can format your evaluation with [Markdown](#), so that you can use lists, links and code examples.

At the bottom of the main content area, there are two buttons: "+ Expand All Sections" and "- Collapse All Sections".

On the right side, there is a sidebar with a summary of the report. It shows the report is for "PerfectCMS" and has been reported on 8 of 52 Level A, AA Success Criteria. Below this, there is a progress bar and a table of success criteria:

Success Criteria	Checked	Total
A.1	2	3
A.2	0	4
A.3	2	13
A.4	4	4
B.1	0	6
B.2	0	10
B.3	0	6
B.4	0	6

At the bottom of the sidebar, there are two buttons: "View Report" and "New Report".

DRAFT Authoring Tools with Accessibility Support

Browse [tools that create web content](#), like [CMSes](#) and [LMSes](#), website creators, discussion forums and other authoring tools, and filter for [accessibility features](#).

Submit a tool

Note: tools are user-submitted, not W3C-endorsed, see [disclaimer for vendor-submitted content](#).

Type of tool

- Content management system (CMS)
- Learning management system (LMS)
- Forum or discussion software
- Website creators
- Wiki

Showing 9 authoring tools

Stripmetics by Travelsprint

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Vivamus in urna rhoncus, luctus mauris in, porta sem. Sed lobortis mauris purus, nec varius turpis accumsan sed.

[+ Details](#)

Assessing CMS accessibility

WCAG

For web
content

ATAG

For tools that make
web content

ATAG

PART A: EDITING EXPERIENCE



PART B: OUTPUT

```
head>
<meta charset="UTF-8"/>
<title>Content management system - Wikipedia</title>
<script>document.documentElement.className="client-js";RLCONF={"wgBreakFrames":!1,"wgS
ikipedia articles with GND identifiers","Content management systems","Information sy
xt.globalCssJs.user.styles":"ready","site.styles":"ready","noscript":"ready","user.s
nv.bootstrap.autostart","ext.popups","ext.visualEditor.desktopArticleTarget.init","e
<script>(RLQ=window.RLQ||[]).push(function(){mw.loader.implement("user.tokens@tffin",f
;});</script>
<link rel="stylesheet" href="/w/load.php?lang=en&modules=ext.cite.styles%7Cext.uls
<script async="" src="/w/load.php?lang=en&modules=startup&only=scripts&rav
<meta name="ResourceLoaderDynamicStyles" content="" />
<link rel="stylesheet" href="/w/load.php?lang=en&modules=site.styles&only=styl
<meta name="generator" content="MediaWiki 1.35.0-wmf.18"/>
<meta name="referrer" content="origin"/>
<meta name="referrer" content="origin-when-crossorigin"/>
<meta name="referrer" content="origin-when-cross-origin"/>
<link rel="alternate" href="android-app://org.wikipedia/http/en.m.wikipedia.org/wiki/
<link rel="alternate" type="application/x-wiki" title="Edit this page" href="/w/index
<link rel="edit" title="Edit this page" href="/w/index.php?title=Content management s
<link rel="apple-touch-icon" href="/static/apple-touch/wikipedia.png"/>
<link rel="shortcut icon" href="/static/favicon/wikipedia.ico"/>
<link rel="search" type="application/opensearchdescription+xml" href="/w/opensearch.d
<link rel="EditURI" type="application/rsd+xml" href="//en.wikipedia.org/w/api.php?act
<link rel="license" href="//creativecommons.org/licenses/by-sa/3.0/" />
<link rel="canonical" href="https://en.wikipedia.org/wiki/Content_management_system"/
<link rel="dns-prefetch" href="//login.wikimedia.org"/>
<link rel="dns-prefetch" href="//meta.wikimedia.org" />
<!--[if lt IE 9]><script src="/w/resources/lib/html5shiv/html5shiv.js"></script><![en
/head>
<body class="mediawiki ltr sitedir-ltr mw-hide-empty-elt ns-0 ns-subject mw-editable
<div id="mw-page-base" class="noprint"></div>
<div id="mw-head-base" class="noprint"></div>
<div id="content" class="mw-body" role="main">
  <a id="top"></a>
  <div id="siteNotice" class="mw-body-content"><!-- CentralNotice --></div>
  <div class="mw-indicators mw-body-content">
/div>
<h1 id="firstHeading" class="firstHeading" lang="en">Content management system</h1>
```

Photo left: Austin Public Library (Flickr), photo right: source of Wikipedia page for "Content Management System"

ATAG

PART A: EDITING EXPERIENCE



PART B: OUTPUT

```
head>
meta charset="UTF-8"/>
title>Content management system - Wikipedia</title>
script>document.documentElement.className="client-js";RLCONF={"wgBreakFrames":11,"wgS
ikipedia articles with GND identifiers","Content management systems","Information sy
xt.globalCssJs.user.styles":"ready","site.styles":"ready","noscript":"ready","user.s
mw.bootstrap.autostart","ext.popups","ext.visualEditor.desktopArticleTarget.init","e
script>(RLQ=window.RLQ|[]).push(function(){mw.loader.implement("user.tokens@tffin",f
;});</script>
link rel="stylesheet" href="/w/load.php?lang=en&modules=ext.cite.styles%7Cext.uls
script async="" src="/w/load.php?lang=en&modules=startup&only=scripts&raw
meta name="ResourceLoaderDynamicStyles" content="" />
link rel="stylesheet" href="/w/load.php?lang=en&modules=site.styles&only=styl
meta name="generator" content="MediaWiki 1.35.0-wmf.18"/>
meta name="referrer" content="origin"/>
meta name="referrer" content="origin-when-crossorigin"/>
meta name="referrer" content="origin-when-cross-origin"/>
link rel="alternate" href="android-app://org.wikipedia/http/en.m.wikipedia.org/wiki/
link rel="alternate" type="application/x-wiki" title="Edit this page" href="/w/index
link rel="edit" title="Edit this page" href="/w/index.php?title=Content_management_s
link rel="apple-touch-icon" href="/static/apple-touch/wikipedia.png"/>
link rel="shortcut icon" href="/static/favicon/wikipedia.ico"/>
link rel="search" type="application/opensearchdescription+xml" href="/w/opensearch_d
link rel="EditURI" type="application/rsd+xml" href="//en.wikipedia.org/w/api.php?act
link rel="license" href="//creativecommons.org/licenses/by-sa/3.0/" />
link rel="canonical" href="https://en.wikipedia.org/wiki/Content_management_system"/
link rel="dns-prefetch" href="//login.wikimedia.org"/>
link rel="dns-prefetch" href="//meta.wikimedia.org" />
!--[if lt IE 9]><script src="/w/resources/lib/html5shiv/html5shiv.js"></script><![en
/head>
body class="mediawiki ltr sitedir-ltr mw-hide-empty-elt ns-0 ns-subject mw-editable
div id="mw-page-base" class="noprint"></div>
div id="mw-head-base" class="noprint"></div>
div id="content" class="mw-body" role="main">
<a id="top"></a>
<div id="siteNotice" class="mw-body-content"><!-- CentralNotice --></div>
<div class="mw-indicators mw-body-content">
/div>
<h1 id="firstHeading" class="firstHeading" lang="en">Content management system</h
```

Photo left: Austin Public Library (Flickr), photo right: source of Wikipedia page for "Content Management System"

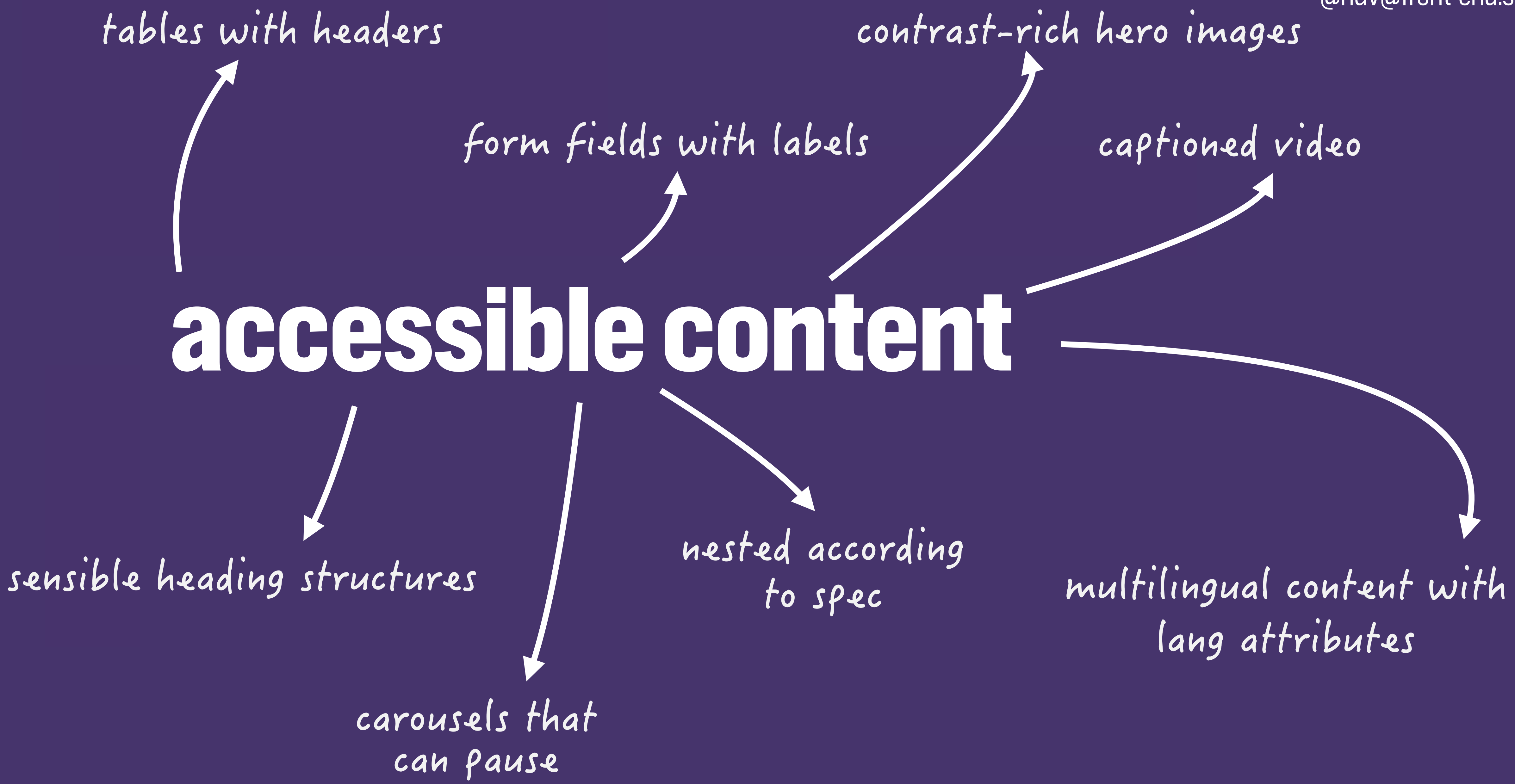
YOUR CMS IS AN ACCESSIBILITY ASSISTANT

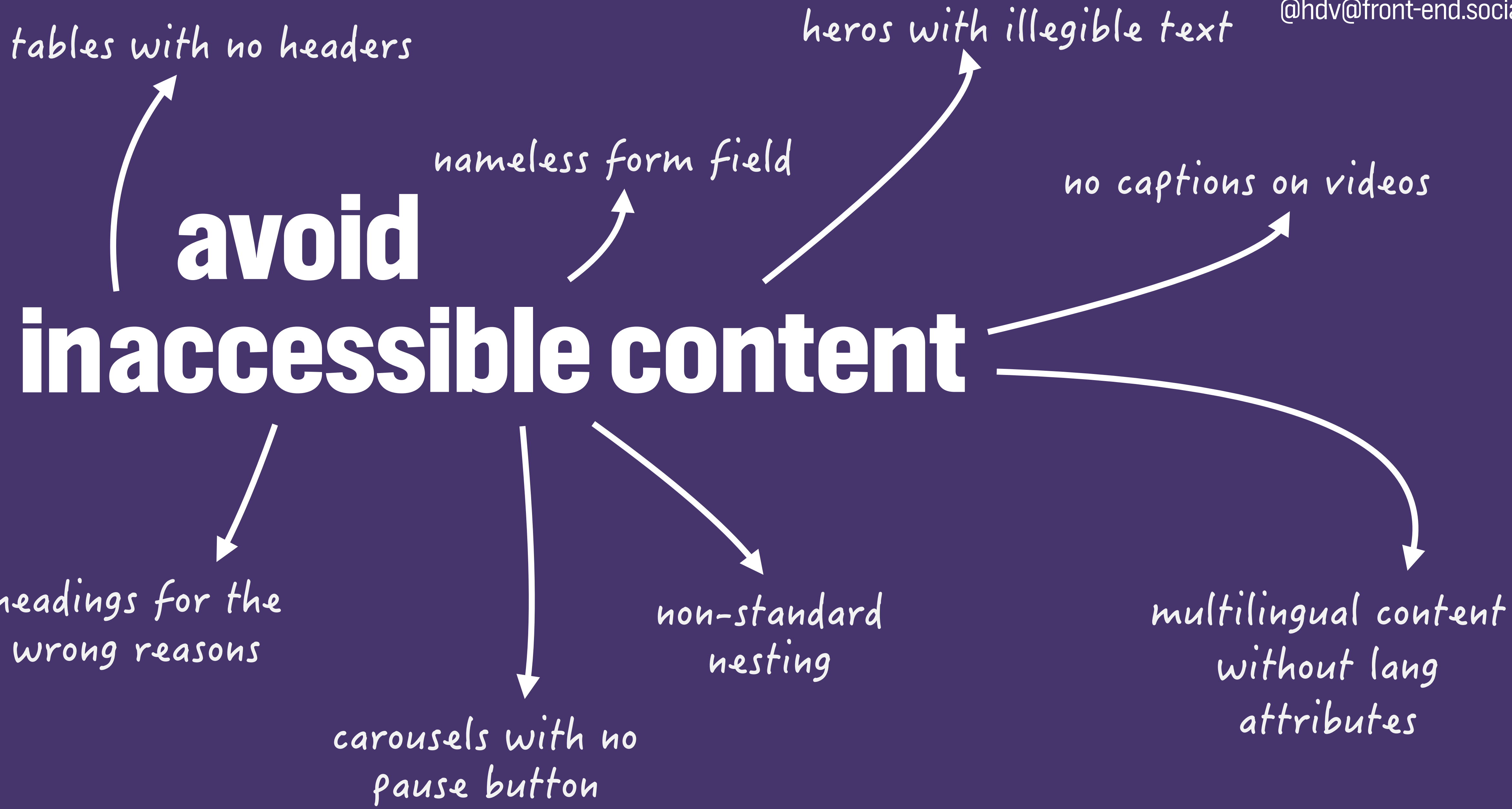
(of the useful kind)

PART B OF ATAG

**“Support the production
of accessible content”**

accessible content





	A	AA	Total
Perceivable	8	9	16
Operable	10	3	13
Understandable	2	1	3

	A	AA	Total
Perceivable	8	9	16
Operable	10	3	13
Understandable	2	1	3

B.1.1.2

WHEN CONTENT IS GENERATED, IT IS ACCESSIBLE

- nested according to HTML spec
- no empty links

	A	AA	Total		A	AA	Total
Perceivable	8	9	16	Perceivable	8	9	16
Operable	10	3	13	Operable	10	3	13
Understandable	2	1	3	Understandable	2	1	3

B.1.1.2

WHEN CONTENT IS GENERATED, THERE IS A PROMPT FOR REQUIRED INFORMATION

- caption for a table
- alt text for images in a carousel
- labels for form fields

	A	AA	Total		A	AA	Total
Perceivable	8	9	16	Perceivable	8	9	16
Operable	10	3	13	Operable	10	3	13
Understandable	2	1	3	Understandable	2	1	3

B.1.1.2

**WHEN CONTENT IS GENERATED,
THERE ARE AUTOMATED
ACCESSIBILITY CHECKS**

	A	AA	Total
Perceivable	8	9	16
Operable	10	3	13
Understandable	2	1	3

	A	AA	Total
Perceivable	8	9	16
Operable	10	3	13
Understandable	2	1	3

B.1.1.2

WHEN CONTENT IS GENERATED, MANUAL CHECKS ARE SUGGESTED

- check if heading structure makes sense
- verify if centrally managed image alternatives apply in this use case

```
<ul><li>List item</li></ul>
```

B.2.1.1

ALLOWS FOR CREATING ACCESSIBLE CONTENT

- for each image field, there is an alt text field
- for each video player field, there is a captions upload button

- SEO friendly
- Multilingual
- Accessible
- Custom colors

B.2.4.1

HAVE ACCESSIBLE TEMPLATES FOR COMMON USE CASES



B.2.5.1

PROVIDE ACCESSIBLE UI COMPONENTS

“pre-authored content”



lorem ipsum dolor sit

B.3.1.1

**WARN ABOUT COLOUR
CONTRAST ISSUES**



lorem ipsum dolor sit

B.3.1.1

WARN ABOUT COLOUR CONTRAST ISSUES



lorem ipsum dolor sit



Not enough contrast
Use a background color, larger
text or a bolder font.

B.3.1.1

WARN ABOUT COLOUR CONTRAST ISSUES

```
<button type="button">Swbmit</button>
```

B.3.1.1

ADD A SPELLCHECKER TO CONTENT FIELDS

Swbmit

```
<button type="button">Submit</button>
```

B.3.1.1

ADD A SPELLCHECKER TO CONTENT FIELDS



Submit

Did you know that the average attention span for a website visitor has dropped from 12 seconds to around 7 seconds in the last six years? That's roughly how long it takes the average person to read that less than 10 seconds to grab someone's attention.

Very Long Sentence

This sentence is very long. Consider rewriting it to be shorter or splitting it into smaller sentences.

The trick is to be as concise as possible. Don't make your reader work to get to the point! Avoid phrases which drone on and on and try to say too much and you'll lose your reader's interest part way through like this one. Avoid complex words where simple alternatives work just as well. And that is where Readable comes in - Readable helps you take control of your content.

The app highlights lengthy, complex sentences and common errors; if you see a yellow sentence, shorten or split it. If you see a red highlight, your sentence is so dense and complicated that your readers will get lost trying to follow its meandering, splitting logic — try editing this sentence to remove the red

B.3.1.1

REPORT READABILITY LEVELS

B.4.2.1

**PROVIDE ACCESSIBLE
EXAMPLES**

CMSES AS ACCESSIBILITY ASSISTANTS

It looks like you're writing a letter.

Would you like help?

- Get help with writing the letter
- Just type the letter without help
- Don't show me this tip again



Errors

A typical page with accessibility or usability errors.

The sample text below is from [Wikipedia: Bear](#).



[Learn more about Bears on Wikipedia >](#)

Bears are carnivoran mammals of the family Ursidae. They are classified as caniforms, or doglike carnivorans. Although only eight species of bears are extant, they are widespread, appearing in a wide variety of habitats throughout the Northern Hemisphere and partially in the Southern Hemisphere. Bears are found on the continents of North America, South America, Europe, and Asia. Common characteristics of modern bears include large bodies with stocky legs, long snouts, small rounded ears, shaggy hair, plantigrade paws with five nonretractile claws, and short tails.

While the polar bear is mostly carnivorous, and the giant panda feeds almost entirely on bamboo, the remaining six species are omnivorous with varied diets. With the exception of courting individuals and mothers with their young, bears are typically solitary animals - [learn more](#). They may be diurnal or nocturnal and have an excellent sense of smell. Despite their heavy build and awkward gait, they are adept runners, climbers, and swimmers.

Etymology

The English word "bear" comes from Old English bera and belongs to a family of names for the bear in Germanic languages, such as Swedish björn also used as a first name. This form is conventionally said to be related to a Proto-Indo-European word for "brown", so that "bear" would mean "the brown one".^{[1][2]} However, Ringe notes that while this etymology is semantically plausible, a word meaning "brown" of this form cannot be found in

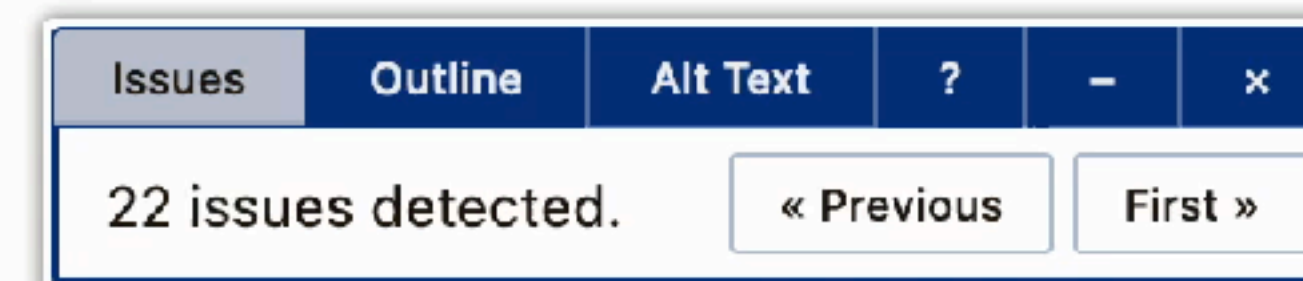
Checks in
Jooa11y,
for Joomla
(based on
Sa11y)



Home

The power of the web is its universality

This page simulates what an *author* would experience if they were logged in to a site with Editoria11y installed: a toggle automatically appears in the lower-right-hand corner of the page with issue information. Normally it is an innocuous little checkmark; since there were critical issues detected on this page it has gone red and received an issue count.



1. Explore the tins

Checks in Editoria11y v2, for Drupal (Based on Sa11y)

The image shows the WordPress Gutenberg editor interface. The main content area features a large yellow rectangular block with the text "The power of the web is its universality" in a large, bold, black sans-serif font. Above the text, a dashed blue border indicates a selected area. The top of the editor includes a toolbar with icons for adding blocks, undo, redo, help, and a menu. The right-hand sidebar is open to the "Block" settings for the "Columns" block. It shows a "COLUMNS" slider set to 2, a "Stack on mobile" toggle that is turned on, and a "Color" section with radio buttons for "Text", "Background", and "Link". The "Background" option is currently selected. Below the color section, the "Typography" section is partially visible, showing a "SIZE" label and a range selector.

WYSIWYM

What you see
is what you mean

Review

The screenshot shows a rich text editor in review mode. At the top, a toolbar contains icons for Bold (B), Italic (i), Code (<>), Underline (U), Strikethrough (S), Bulleted List, Numbered List, and Link. Below the toolbar, a dropdown menu is open, displaying a list of heading styles: Normal, Heading 1, Heading 2, Heading 3 (highlighted in blue), Heading 4, Heading 5, Heading 6, and Quote. The background shows a blurred text editor with some text, including "acter and how they developed throughout" and "rs:".

WYSIWYM

Validations in JavaScript

```
function noFakeLists(options = {}) {
  return function (blocks) {
    const regex = options.regex || /^\\s*[-*+—]/
    const fakeListBlocks =
      (blocks || [])
        .filter(
          block =>
            block._type === 'block' &&
            block.children.some(
              blockPart =>
                blockPart._type === 'span' &&
                regex.test(blockPart.text)
            )
        )
        .map((block, index) => [{ _key: block._key }]
          || [index]) || [])

    return (
      fakeListBlocks.length === 0 || {
        message:
          options.message ||
          'This looks like a list, but it is
          plain text. Use the bulleted list option.',
        paths: fakeListBlocks,
      }
    )
  }
}
```



Content

Books



Norwegian wood



Norwegian wood



Current version

Book title

Norwegian wood

Review

Normal



B

i



U

~~S~~



It was a fantastic book!

Details

Really liked the main character and how they developed throughout the book.

I also liked these characters:

- Alice
- Bob

<https://github.com/hidde/porta11y>



Jun 15



53s

Publish



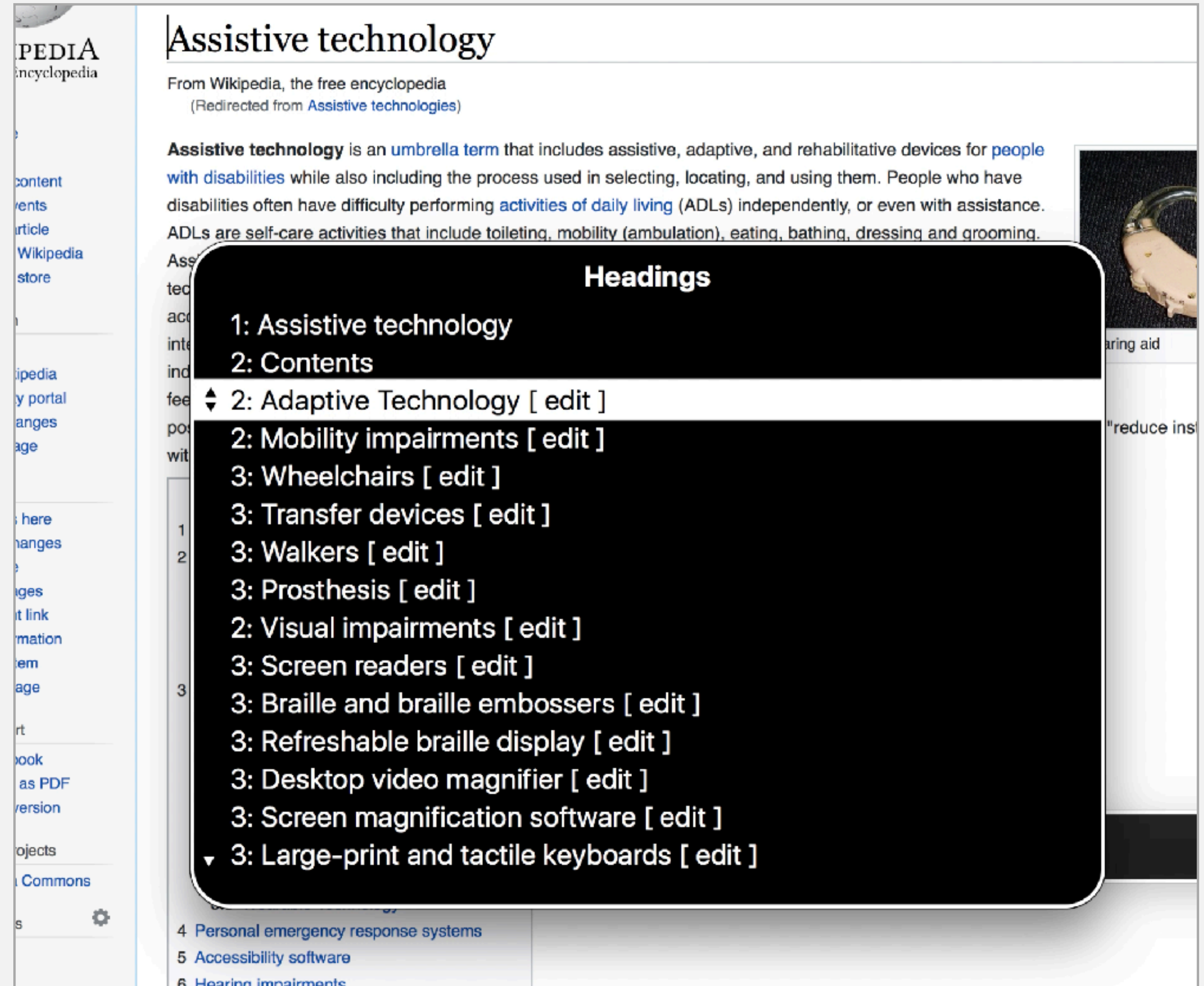
MORE VALIDATIONS WHILE YOU CREATE CONTENT

- Do headings have hierarchy?
- Are links empty?
- Does link that only contains image have non-empty alternative?

...

PREVIEWS

If you can customise previews, you can preview accessibility (or lack thereof)



The image shows a screenshot of a Wikipedia article titled "Assistive technology". The article text is partially visible, starting with "From Wikipedia, the free encyclopedia" and "(Redirected from Assistive technologies)". The main text describes assistive technology as an umbrella term for devices and processes that help people with disabilities perform activities of daily living (ADLs).

Overlaid on the article is a dark, rounded rectangular box titled "Headings". This box contains a list of headings from the article, each with its level and an "edit" link:

- 1: Assistive technology
- 2: Contents
- 2: Adaptive Technology [edit]
- 2: Mobility impairments [edit]
- 3: Wheelchairs [edit]
- 3: Transfer devices [edit]
- 3: Walkers [edit]
- 3: Prosthesis [edit]
- 2: Visual impairments [edit]
- 3: Screen readers [edit]
- 3: Braille and braille embossers [edit]
- 3: Refreshable braille display [edit]
- 3: Desktop video magnifier [edit]
- 3: Screen magnification software [edit]
- 3: Large-print and tactile keyboards [edit]

Below the "Headings" box, the start of the article's table of contents is visible, listing sections 4 through 6: "4 Personal emergency response systems", "5 Accessibility software", and "6 Hearing impairments".

Geodesic cabin

[Editor](#) [Web Preview](#) [Colorblind](#) [Text to speech](#)

Ended at

e.g. 2019-12-06 08:49 [Select](#)

Main image



[Upload](#) [Select](#) [Edit](#) [Remove](#)

Geodesic cabin

[Editor](#) [Web Preview](#) [Colorblind](#) [Text to speech](#)

Select a filter:

Achromatopsia

Our new portfolio

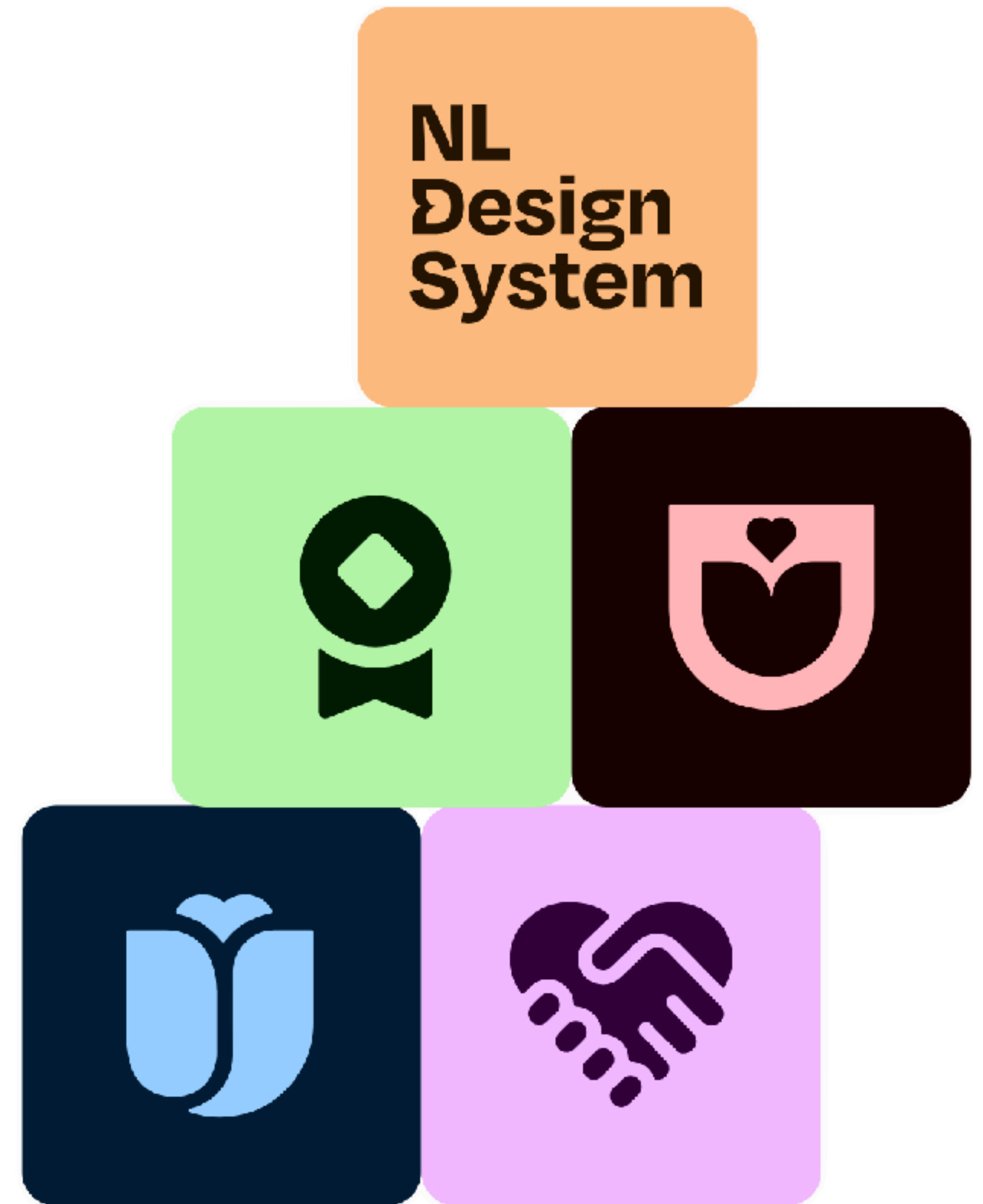
Archive



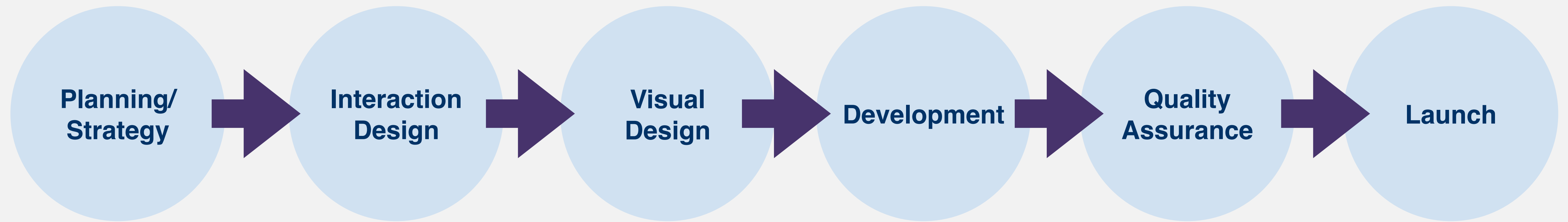


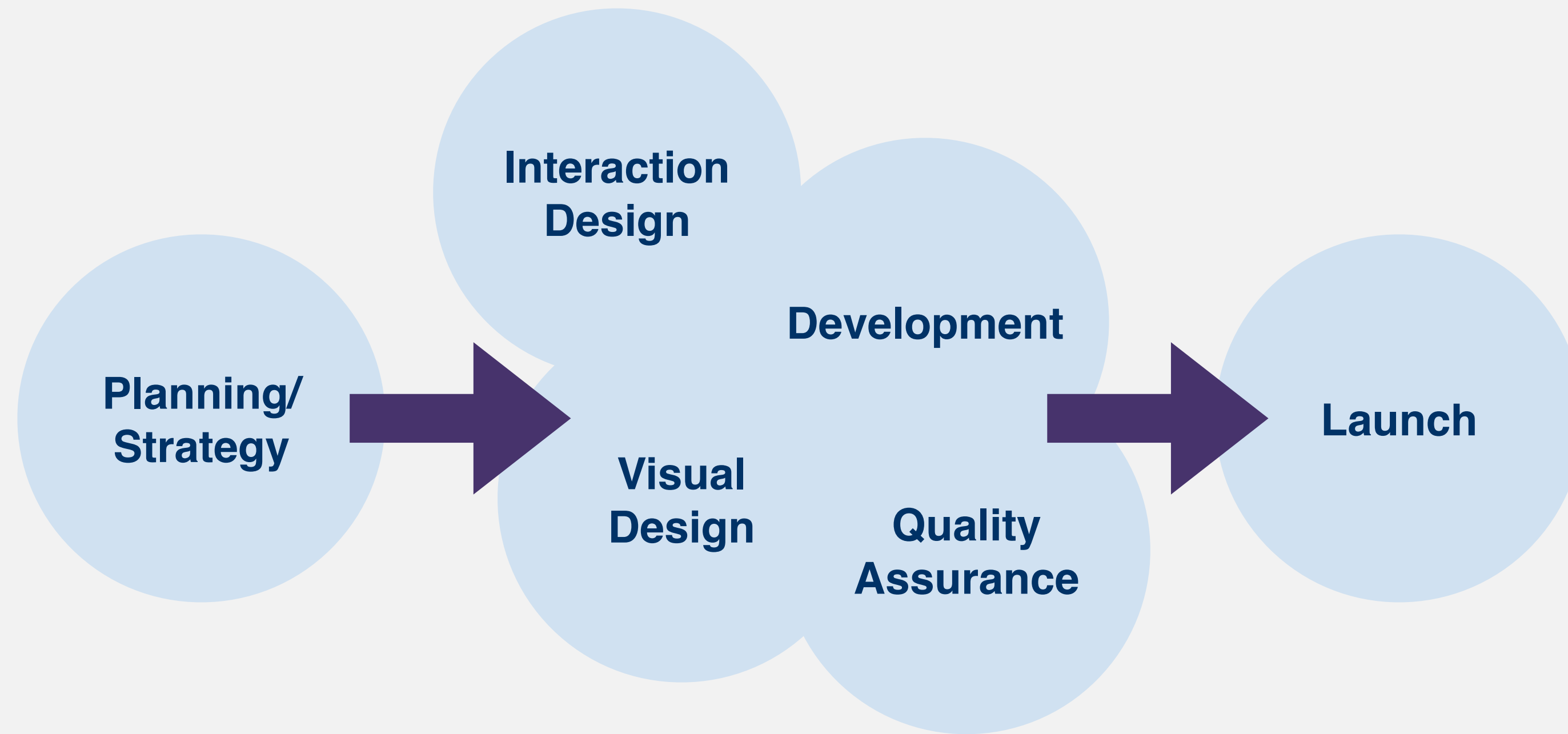
Input/feedback
from the TYPO3
community

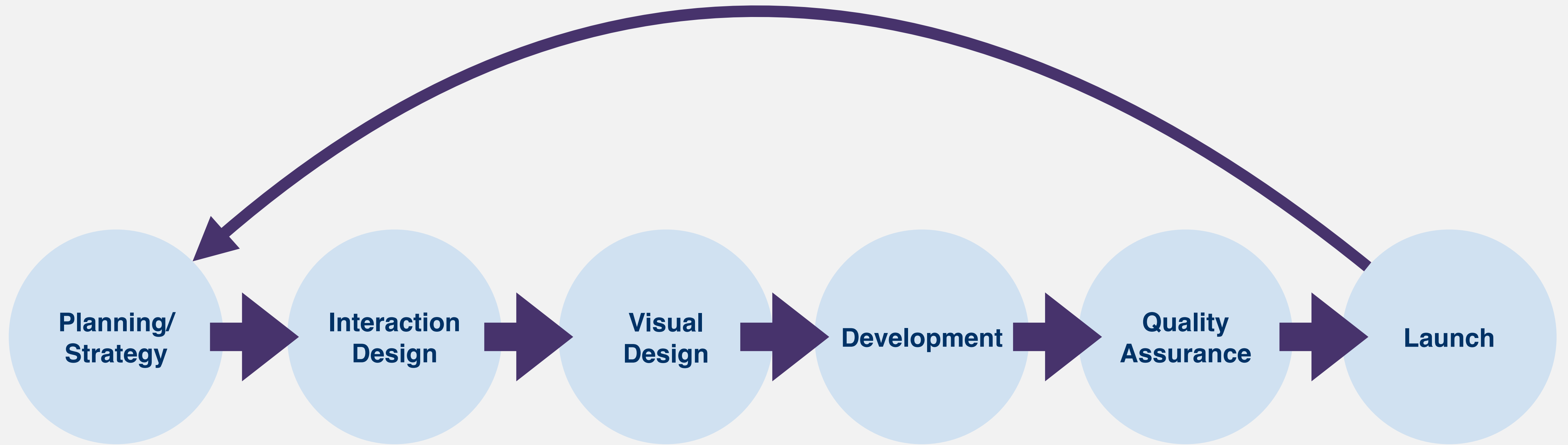
johan.huijkman@ictu.nl

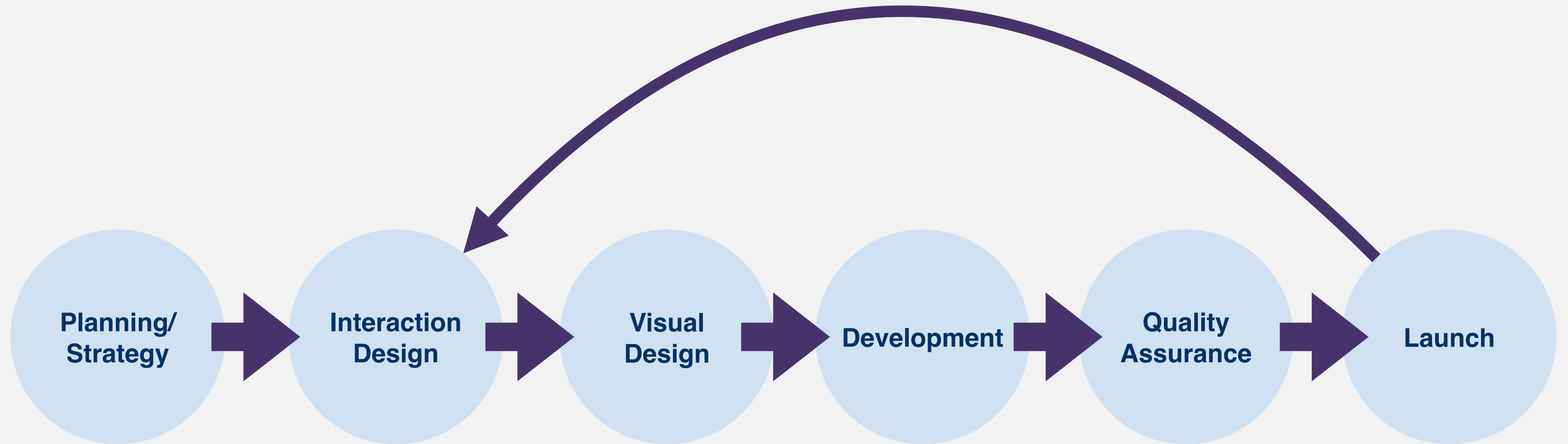


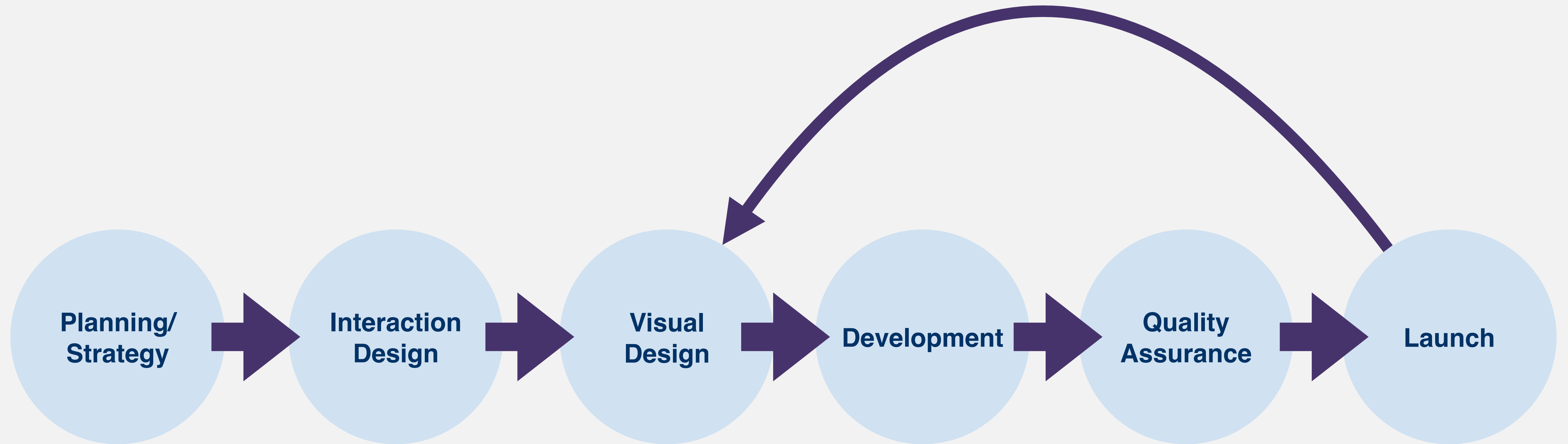
ACCESSIBILITY AT EVERY STEP

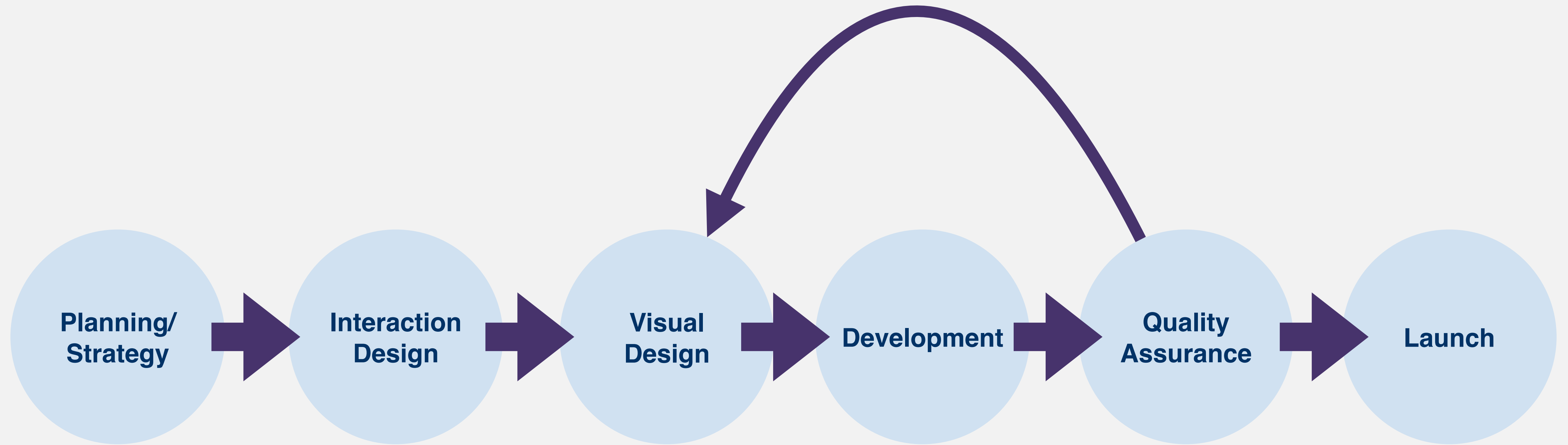


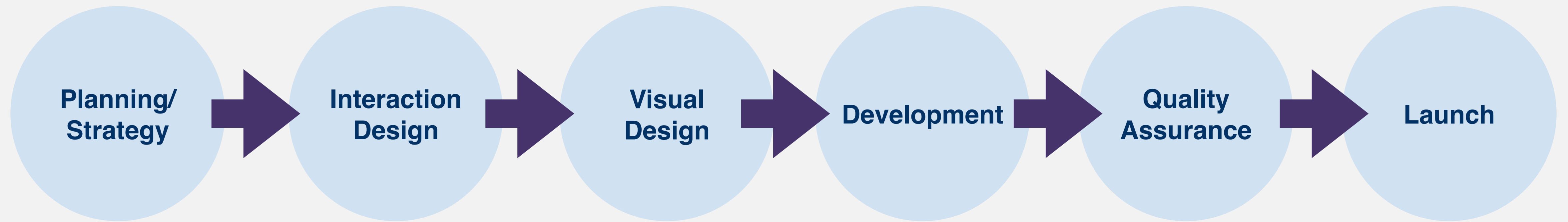


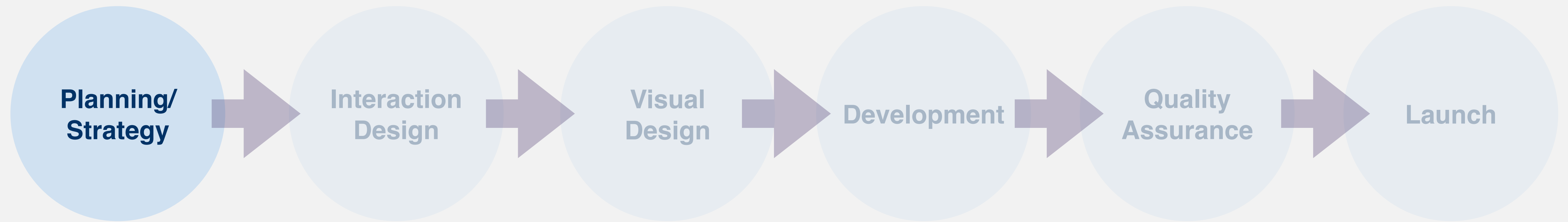




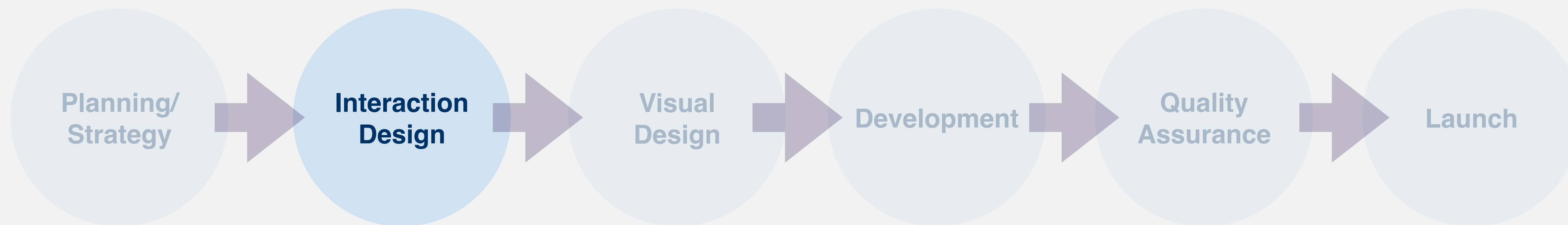






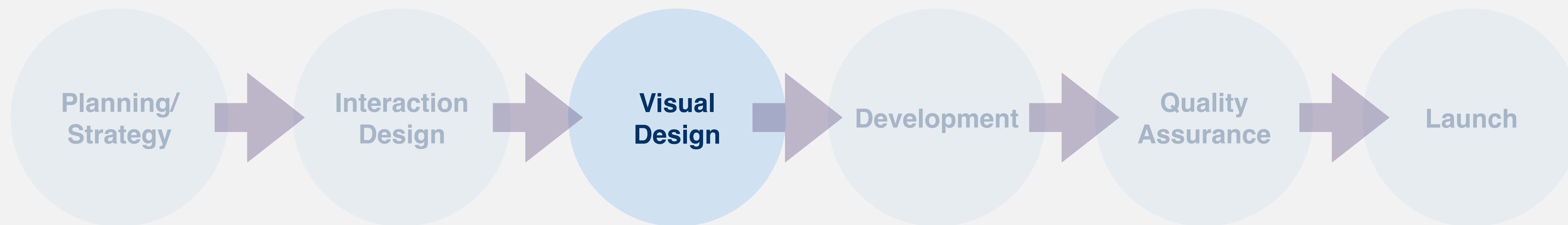


**Choose an authoring tool
that supports accessibility**



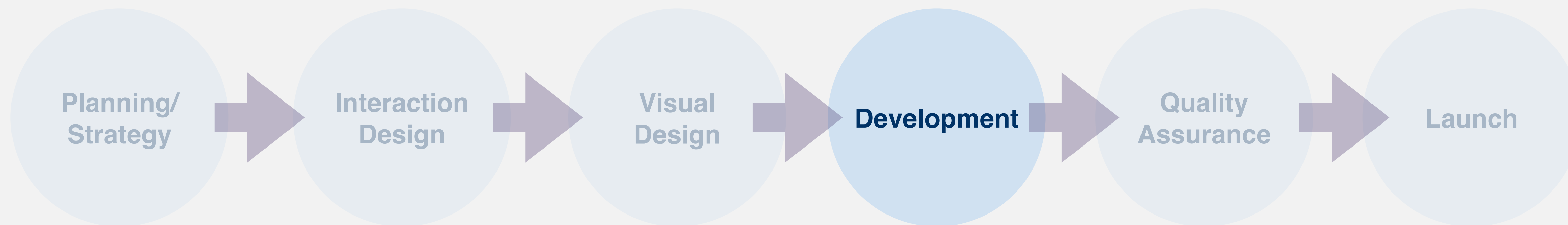
Document all accessibility aspects of the UI

Test authoring with users with disabilities



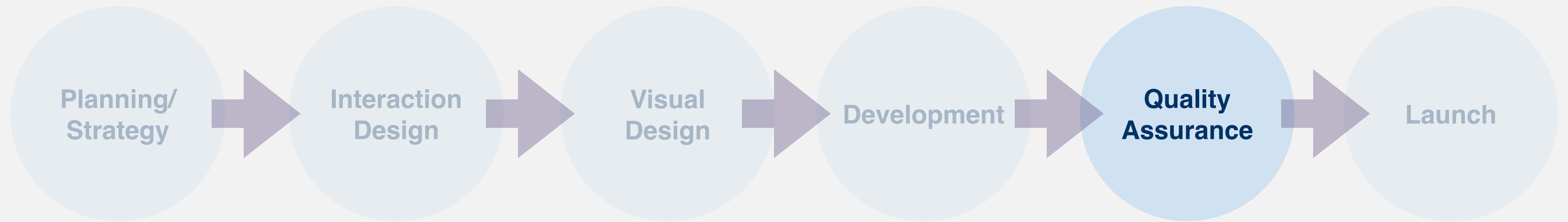
**Set constraints for customising
colour combinations (for contrast)**

**Provide accessible examples, like
large enough touch targets**

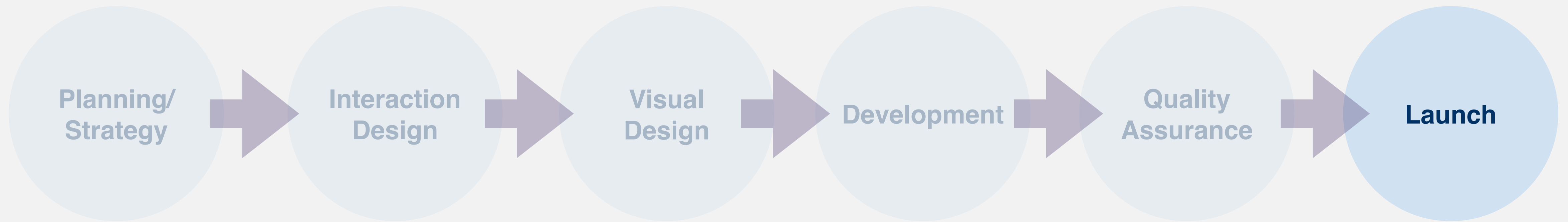


**Pick themes with
accessibility support**

**Pick plugins with
accessibility support**



**Embed automated
accessibility tests
in the authoring process**



**ACCESSIBILITY IS
EASIER WHEN YOU
DO IT EARLIER**

CONCLUSION

ACCESSIBILITY CAN BE EASIER WHEN WE CONSIDER IT IN:

- Design systems
- Browsers
- HTML
- CMSes

THANKS!

- questions: now or on hidde@hiddedevries.nl

Slides + links are live on

hidde.blog/slides