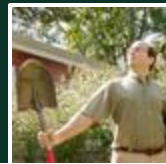




Editoria11y: Beyond the Basics

1. The basics
 - a. How we got here
 - b. What could go wrong?
 - c. Configuration tips
2. Using JS events
3. Custom tests



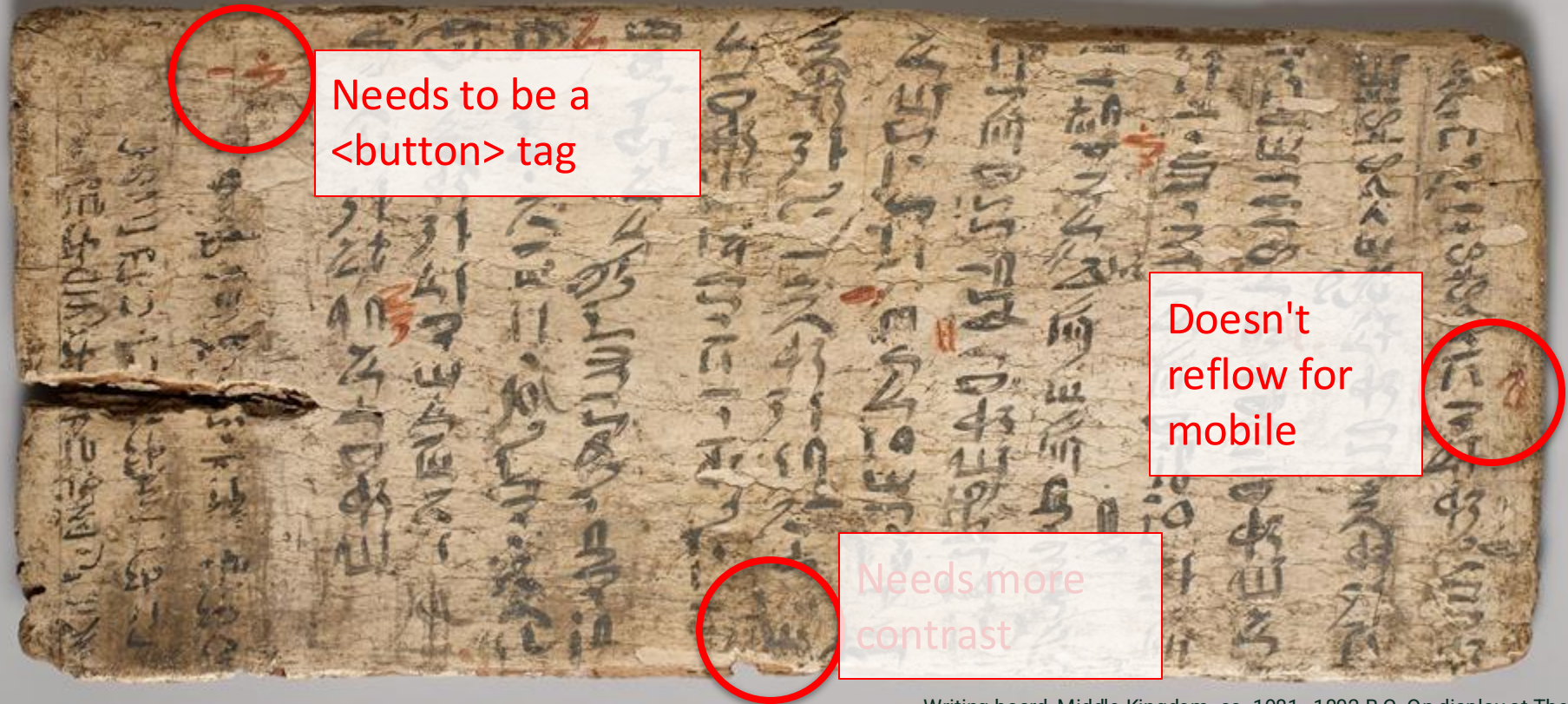
Proofreading:

4,000 years of hard-won knowledge, manually applied



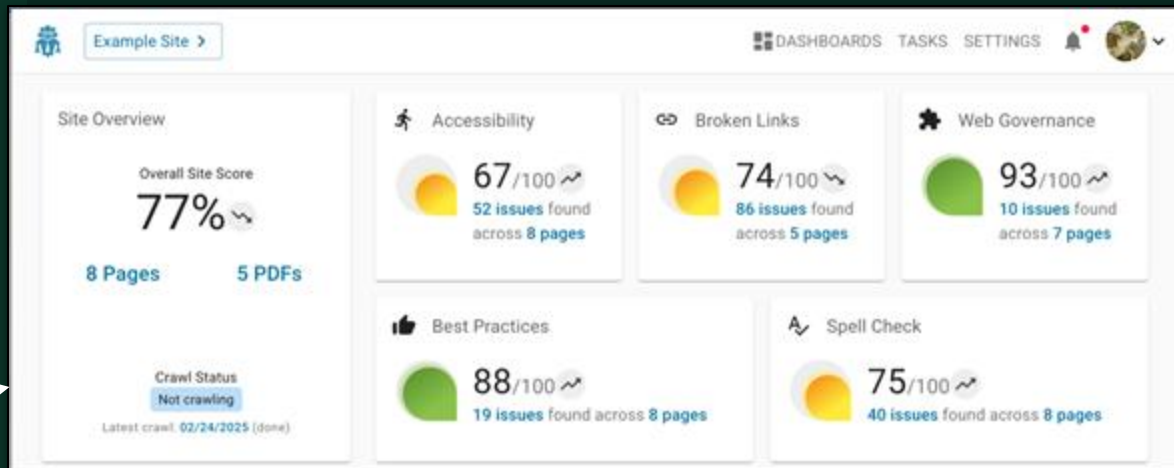
Web Content Accessibility Guidelines:

26 years of hard-won knowledge, manually applied

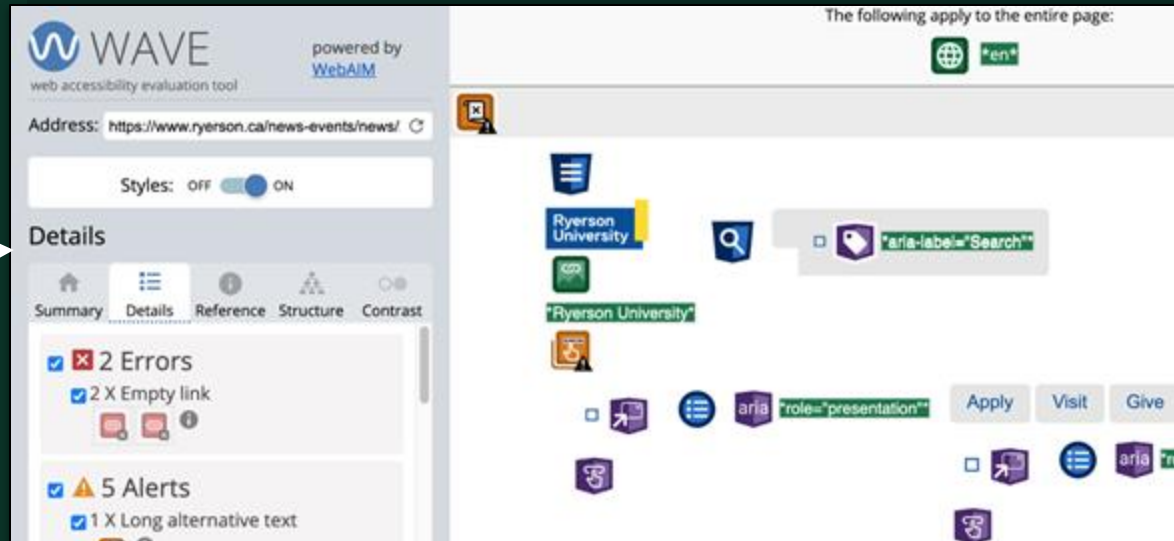


The accessibility challenge:

QA dashboards
are powerful but
manually visited



QA checkers
are powerful but
manually run



Editoria11y
(and Adam
Chaboryk's *Sa11y*)
automate
checking with
tips written in
plain(ish)
language.



Manual check: should this be a heading?

If this all-bold line of text is functioning as a heading for the following text rather than a visual emphasis, replace the bold formatting with the appropriately numbered heading. Otherwise, dismiss this alert.

Headings and subheadings create a navigable table of contents for assistive devices. The heading's **number** indicates its **depth** in the page outline; e.g.:

- Heading level 1
 - Heading level 2: a topic
 - Heading level 3: a subtopic
 - Heading level 2: a new topic

 Page editor

 Mark as checked and OK

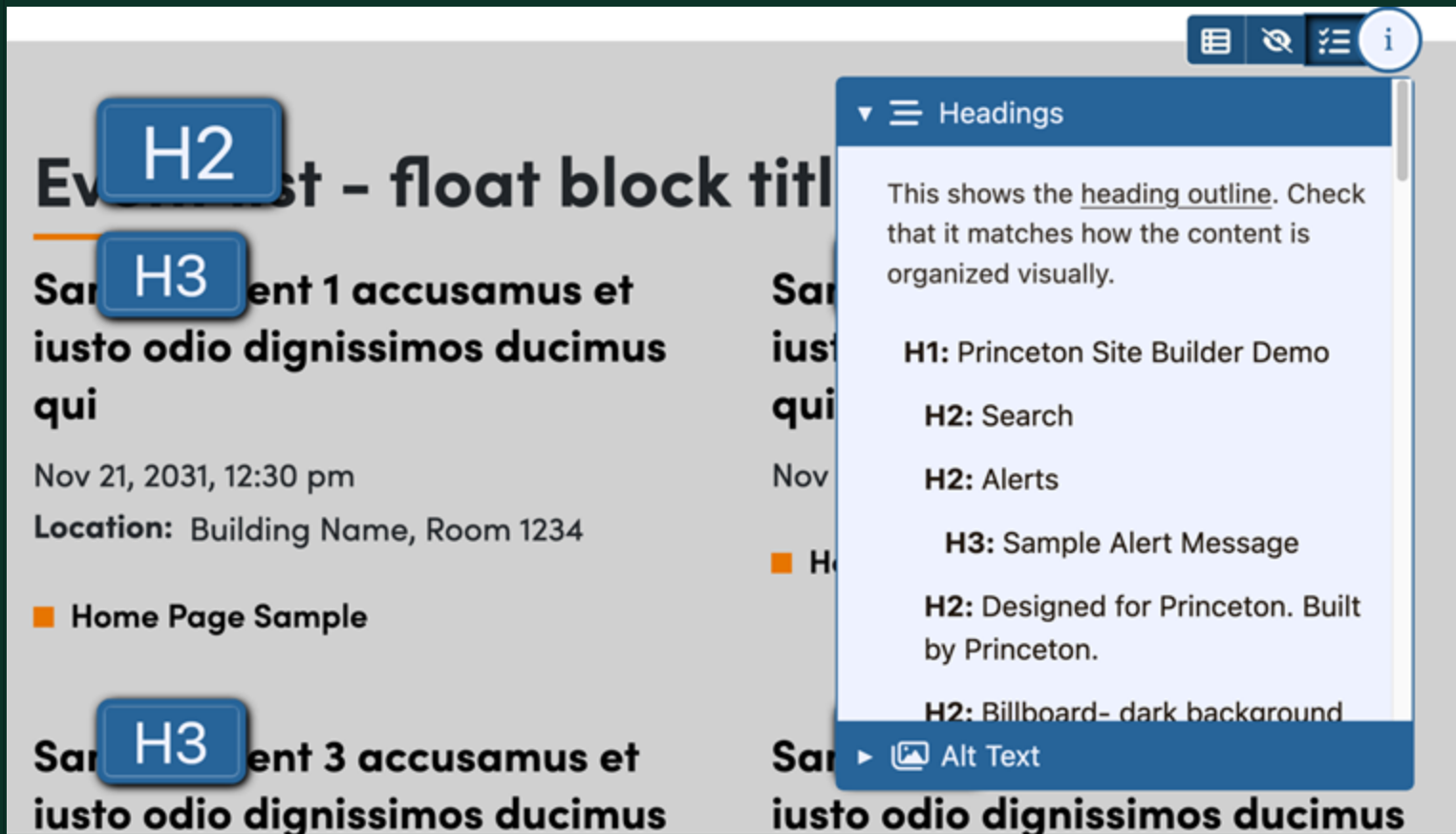
 Ignore this manual check

~28 built-in tests focus on content *alone*

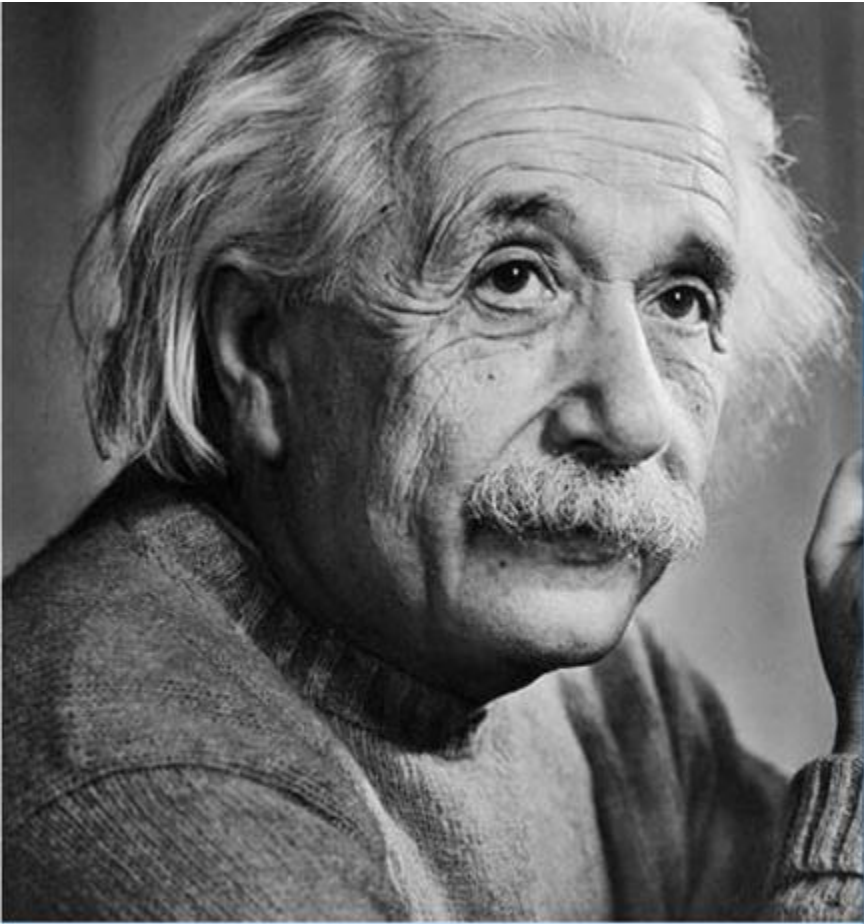
- **Meaningless links**
- **Fake lists**
- **Fake headings**
- **Heading outline gaps**
- **Images with no alt text**
- **Images with suspicious alt text**
- **Table heading issues**
- **Links to PDFs**
- **Video/audio/dataviz alternatives**
- **LARGE QUANTITIES OF CAPS LOCK**



Heading visualizer...



Alt text
visualizer...



Alt text: Albert Einstein portrait



▶  Headings

▼  Alt Text

Check that each image describes what it means in context, and that there are no images of text.



Alt text: Campus corridor



Alt text: Lewis Center for the Arts stairs and elevator closely adjacent



Alt text: Albert



Dismissed
alerts can be
reviewed and
restored





Manual check: is this video accurately captioned?

If a recorded video contains speech or meaningful sounds, it must provide captions.

Note that automatic, machine-generated captions must be proofread, and speaker identifications must be added, before being considered an equal alternative.

 [Page editor](#)  [Layout editor](#)

 Restore this alert marked as OK

Issue 1 / 1 ? x

Hide hidden alert



1



Results are
synced into the
Drupal reports
tab

Pages with the most issues

Page	Count
Give it a go and grow your own herbs	11
Dairy-free and delicious milk chocolate	11
Accompaniments	1
About Umami	1
Home	1

View all pages with issues

Most frequent issues

Issue	Count
Manual check: is this link meaningful and concise?	5
Manual check: was a heading level skipped?	3
Manual check: is this link text a URL?	3
Manual check: long heading	2
Manual check: is this a blockquote?	2

View all issues



Open site reports in new tab



11



Sounds great!

What could possibly go wrong?



Sometimes
sites need
config to
prevent
overload

- [? eence of Insurability \(EOI\) !\[\]\(a22ba4e13c745edbf29e51af246c4c12_img.jpg\)](#) — New Jersey Residents
- [? eence of Insurability \(EOI\) !\[\]\(33b18af9a4b997eb52666cfeb3c44157_img.jpg\)](#) — New York Residents
- [? eence of Insurability \(EOI\) !\[\]\(262b158440b847a82f89a14cab8644ec_img.jpg\)](#) — Pennsylvania Residents
- [? Insurance Beneficiary Designation Change Form !\[\]\(f51929fecf7b0dc947ac13f4c4835e8f_img.jpg\)](#)

Residents of other states can contact the Benefits Team at (609) 258-3302 or benefits@princeton.edu for a form.

Medical & Prescription



- [? a Claim Form !\[\]\(4c660a3c4ce1da3313488b7854f55083_img.jpg\)](#)
- [? cription Drug Claim Form — OptumRx !\[\]\(f01c435bb39e3068a9b4895c9a993158_img.jpg\)](#)
- [? cription Mail Order Form — OptumRx !\[\]\(c5f009707b314589d498a683120545c5_img.jpg\)](#)
- [? ed Healthcare Mental Health Claim Form !\[\]\(8b308e9f1e6682fd04ddef01495a93be_img.jpg\)](#)
- [? ed Healthcare Out-of-Network Claim Form !\[\]\(7a2466fab2a9c99ba33ed3fbd8b0c93f_img.jpg\)](#)



Sometimes
sites need
helper code
to reveal
hidden tips



Note: this content may not be visible. Look for it inside the outlined container.

Manual check: is this link meaningful and concise?

This link's text is: **Click here**

Readers skim for links. This is especially true of screen reader users, who navigate using a list of on-page links.

Generic links like "click here," "read more" or "download" expect the reader be reading slowly and carefully enough to figure out each link's purpose from context. Few readers do this, so click-through rates on meaningless links are extremely poor.

- Ideal: "Learn about meaningful links"
- Not meaningful: "Click here to learn about meaningful links."
- Not concise: "Click here to learn more about meaningful links"

 [Page editor](#)  [Layout editor](#)

 Mark as checked and OK

 Ignore this manual check



And sometimes I need to find time to rewrite test logic after receiving a bug report that "The module is incorrectly flagging our web component as having empty text" *[because someone found a new and interesting way to combine and nest shadow DOM and slot templates I didn't foresee so my abbreviated version of the accessible name calculation can't detect the nested heading text.*

```
▼ <pds-band> custom...
  ▶ #shadow-root (open)
    ▼ <pds-layout-container> custom...
      ▶ #shadow-root (open)
        ▼ <pds-sidebar gap="lg" style="--pds-sidebar-right-width: 33%">
          ▶ #shadow-root (open)
            ▼ <div>
              ▼ <div class="pds-u-margin-bottom-24 block block-pfg-pds-block componentheading">
                ▼ <pds-heading variant="display-default" headingtag="h1">
                  ▼ #shadow-root (open)
                    <!-->
                    ▼ <h1 class=" pds-c-heading pds-c-heading--display-default">
                      ▼ <slot> contents
                        <#text> ↪
                      </slot>
                    </h1>
                    Policy Riders and Endorsements
                  </pds-heading>
                </div>
```

Deep breath.

Most sites *are* turnkey on install.



Let's install & configure





Dashboard

Create >

Content

Media

Trash

Structure >

Appearance

Extend

Configuration >

People

Reports >

admin >

<

Browse projects



Search

Adds a search to help visitors find content.



✓ Installed



Projects

Adds a project content type and listing page.



✓ Installed



Accessibility Tools

Adds automated checks to help ensure content conforms to web accessibility guidelines.



✓ Installed



Events

Adds an event content type and listing page.



✓ Installed



Blog

Adds a blog post content type and listing page.



✓ Installed



Person Profiles

Adds a person profile content type.



✓ Installed

Getting started

1. Make sure [web roles that edit content](#) have the "View Editorially checked" permission. Assign "mark OK" (X) as appropriate. [To view the dashboard](#), users need "Manage Editorially results."
2. Review each setting under Basic Configuration. Many also need to adjust what parts of the page are scanned.
3. Remember that results only sync to the dashboard when viewing results. Results shown while editing or viewing processes or decisions will not sync.
4. Check the [Modules Overview](#) / [Workflows Demo](#) / [Issue Queue](#) / [Library Configuration Guide](#).

2. Troubleshooting

[illegible]

Config page suggest starting with permissions.
Some are automatic, some are not.

Permission	Anonymous user	Authenticated user	Content editor	Admin
Administer Editoria11y checker Allows user to purge results and change configuration.	☐	☐	☐	☒
Manage Editoria11y results View the site-wide dashboard and reset dismissals.	☐	☐		☒
Mark as OK in Editoria11y Adds button to suppress a manual check for all users, if sync is enabled.	☐	☐		☒
Mark as hidden in Editoria11y Adds button to suppress a manual check for the current user.	☐	☐	☒	☒
View Editoria11y checker Assign to all content editors.	☐	☐	☒	☒

You can also
override
options at
runtime to
add custom
CSS

```
var editoria11yOptionsOverride = true;  
  
var editoria11yOptions = function (moduleOptions) {  
  let options = moduleOptions;  
  
  options['cssUrls'].push('/modules/EXAMPLE/example.css');  
  
  return options;  
}
```



Editoria11y Settings

Getting started

1. Make sure [users who edit content](#) have the "View Editoria11y checker" permission. Assign "page edit" as appropriate. [To view the dashboard](#), users need "Manage Editoria11y results".
2. Review each setting under Basic Configuration. Many sites need to adjust what parts of the page are scanned.
3. Remember that results only sync to the dashboard when viewing nodes. Results shown while editing or viewing previews or revisions will not sync.
4. Check the [Module Overview](#) | [Dashboard Details](#) | [Issue Queue](#) | [Library Configuration Guide](#).

Troubleshooting

Basic Configuration

Theme

Basic

Show tips automatically when issues are detected

☒ Always☐ On first detection☐ Never

On first detection is recommended for sites with many editors.

Check content in these containers

To restrict checks to user-editable containers, provide a list of [CSS selectors](#).
 E.g. `main`, `#footer-editable-content`
 Default: `main`. Falling back to `body` if elements are specified here and none are found on the page. Editoria11y will not find anything!

Skip over these elements

Provide a comma-separated list of selectors for elements to ignore. These should target specific elements (use an asterisk to indicate "all children of this element").
 E.g. `#sidebar-menu a`, `.card img`, `.slide [aria-hidden="true"]`, `.feed *`.

Don't show edit tips on tips in these containers

Tip show copies of the "edit" and "learn" tips for nodes, users and taxonomy terms. These tips are not targetted on sites of content from various nodes.
 Provide a comma-separated list of page selectors of where these tips should not show. E.g. `#sidebar-menu`, `.admin-page`.

To hide the tips altogether, set this field to an asterisk (*).
 To modify the tips, [edit the tips in the settings](#) or in your theme file.

Heading outline position of editable content

Advanced configuration

When to display results

Link and document texts

Web components, custom texts and warning issues

Syncing results to reports

Save configuration

Check content in these containers

To limit checks to user-editable containers, provide a list of [CSS selectors](#).
 E.g.: `main`, `#footer-editable-content`

Default: `main`, falling back to `body`. If elements are specified here and none are found on the page, Editoria11y will not find anything!

Skip over these elements

Provide a comma-separated list of selectors for elements to ignore. These should target specific elements (use an asterisk to indicate "all children of this element").

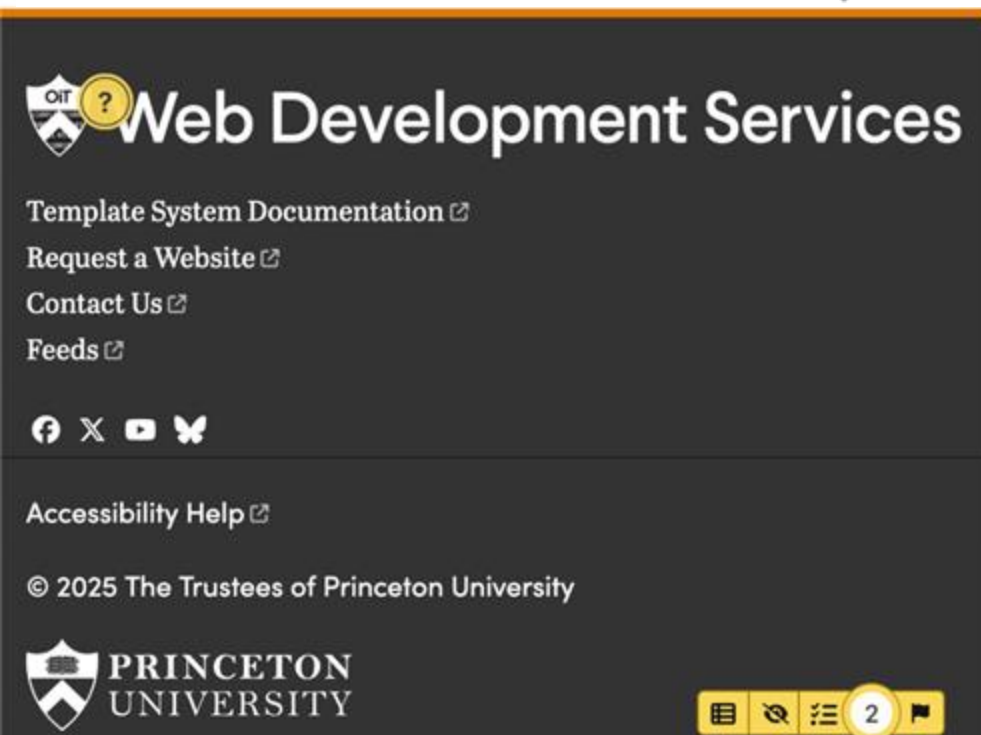
E.g.: `#sidebar-menu a`, `.card img`, `.slide [aria-hidden="true"]`, `.feed *`.

Decide what to check

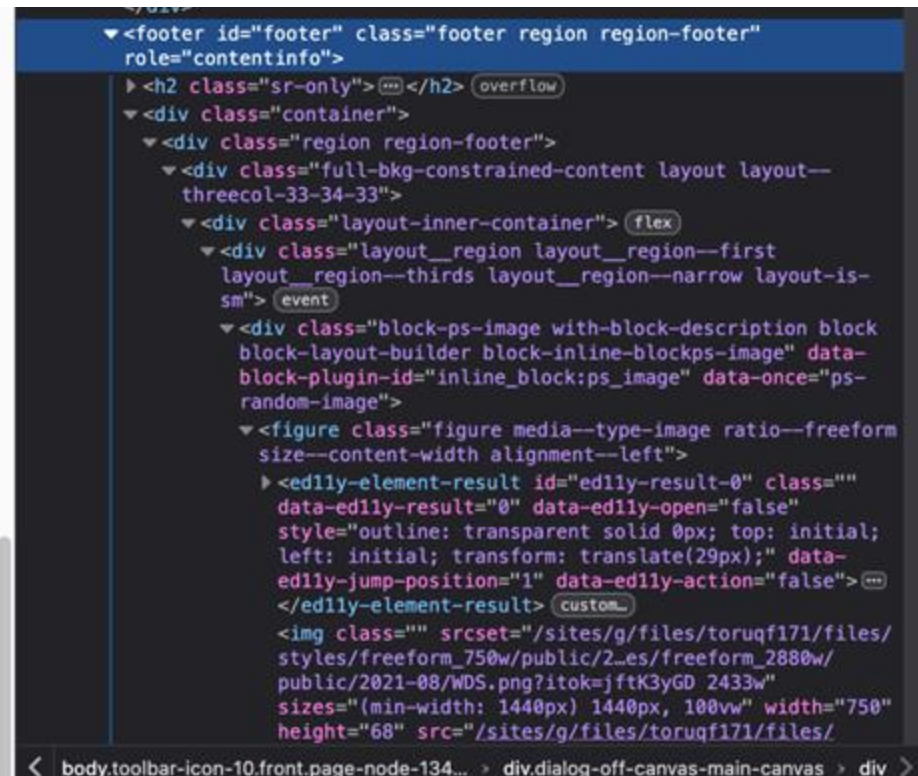


Let's say we want to ignore an alert in the footer ON EVERY PAGE...

footer#footer.footer.region.region-footer | 563 x 445.317 | Flex Item



The screenshot shows the footer of the Princeton University Web Development Services page. It features the OIT logo with a question mark icon, the text "Web Development Services", and links for "Template System Documentation", "Request a Website", "Contact Us", and "Feeds". Social media icons for Facebook, X, YouTube, and Twitter are also present. At the bottom, there is an "Accessibility Help" link, the copyright notice "© 2025 The Trustees of Princeton University", the Princeton University logo, and a toolbar with icons for a list, a magnifying glass, a document, a page number "2", and a flag.



The screenshot shows the web browser's developer tools with the footer's HTML structure expanded. The root element is a `<div>` with attributes `id="footer"`, `class="footer region region-footer"`, and `role="contentinfo"`. It contains a `<h2>` element with `class="sr-only"` and an `<div>` with `class="container"`. Inside the container is a `<div>` with `class="region region-footer"`, which contains a `<div>` with `class="full-bkg-constrained-content layout layout--threecol-33-34-33"`. This in turn contains a `<div>` with `class="layout-inner-container"` with the `flex` class. Inside this is a `<div>` with `class="layout_region layout_region--first layout_region--thirds layout_region--narrow layout-is-sm"` with the `event` class. This contains a `<div>` with `class="block-ps-image with-block-description block-block-layout-builder block-inline-blockps-image"` with attributes `data-block-plugin-id="inline_block:ps_image"` and `data-once="ps-random-image"`. This contains a `<figure>` with `class="figure media--type-image ratio--freeform size--content-width alignment--left"`. Inside the figure is an `<edlly-element-result>` with `id="edlly-result-0"` and `class=""`, with attributes `data-edlly-result="0"`, `data-edlly-open="false"`, `style="outline: transparent solid 0px; top: initial; left: initial; transform: translate(29px);"`, `data-edlly-jump-position="1"`, and `data-edlly-action="false"`. It contains an `<img>` with `class=""`, `srcset="/sites/g/files/toruqf171/files/styles/freeform_750w/public/2...es/freeform_2880w/public/2021-08/WDS.png?itok=jftK3yGD_2433w"`, `sizes="(min-width: 1440px) 1440px, 100vw"`, `width="750"`, and `height="68"`, and `src="/sites/g/files/toruqf171/files/`. The browser's breadcrumb at the bottom shows the path: `body.toolbar-icon-10.front.page-node-134... > div.dialog-off-canvas-main-canvas > div`.

These approaches will both *work*:

Ignore a specific tag:

Skip over these elements

footer .logo-image

Only check editable content:

Check content in these containers

main, .footer-editable-content

...but the second will run *faster*.



Ignorees have to run against every matched tag

```
<nav>
```

```
<a href="https://example.com"  
  class="nav-link link-purpose">
```

EXAMPLE LINK

```
<span class="ext-icon">
```

(Link is external)

```
</span>
```

```
</a>
```

So choose carefully:

nav .link-purpose 

nav a *(less specific)*

.link-purpose *(not specific)*

slower...

nav a[href^="https:"]

dangerously slow:

nav a:has(.ext-icon)

The module ships with some default ignores

- Paragraphs in tables
- Headings in navigation
- Alts on aria-hidden images
- Links not in the tab index
- Tables with role="presentation"



Plus the admin
UI elements –
open a bug if I
missed any.

```
*      #toolbar-administration *  
  
h      .filter-guidelines-item *,  
      [id$="-local-tasks"] *,  
      .tabledrag h4,  
      .block-local-tasks-block *  
  
a      [id$="-local-tasks"] a,  
      .filter-help > a,  
      .block-local-tasks-block a,  
      .contextual-region > nav a  
  
table  .tabledrag
```



Editoria11y Settings

Getting started

1. Make sure [you have the right user roles](#) have the "View Editoria11y checker" permission. Assign "help (0)" as appropriate. [To view the dashboard](#), users need "Manage Editoria11y results".
2. Review each setting under Basic Configuration. Many sites need to adjust what parts of the page are scanned.
3. Remember that results only show to the dashboard when viewing nodes. Results shown while editing or viewing previews or revisions will not apply.
4. Check the [Module Overview](#) | [BlockKit Guide](#) | [Issue Queue](#) | [Library Configuration Guide](#).

Basic Configuration

Name

Basic

Show tips automatically when issues are detected

☒ Always

☐ On first detection

☐ Never

On first detection is recommended for sites with many editors.

Check content in these containers

By default, results are shown for all content. Provide a comma-separated list of [CSS selectors](#) (e.g. `h1, h2, h3, h4, h5, h6, h7, h8, h9, h10, h11, h12, h13, h14, h15, h16, h17, h18, h19, h20, h21, h22, h23, h24, h25, h26, h27, h28, h29, h30, h31, h32, h33, h34, h35, h36, h37, h38, h39, h40, h41, h42, h43, h44, h45, h46, h47, h48, h49, h50, h51, h52, h53, h54, h55, h56, h57, h58, h59, h60, h61, h62, h63, h64, h65, h66, h67, h68, h69, h70, h71, h72, h73, h74, h75, h76, h77, h78, h79, h80, h81, h82, h83, h84, h85, h86, h87, h88, h89, h90, h91, h92, h93, h94, h95, h96, h97, h98, h99, h100`) to specify which content should be checked. Default: none. Using `*` to specify all elements is specified here and none are found on the page. Editoria11y will not find anything.

Hide these elements

Provide a comma-separated list of selectors for elements to ignore. These should be [CSS selectors](#) (e.g. `h1, h2, h3, h4, h5, h6, h7, h8, h9, h10, h11, h12, h13, h14, h15, h16, h17, h18, h19, h20, h21, h22, h23, h24, h25, h26, h27, h28, h29, h30, h31, h32, h33, h34, h35, h36, h37, h38, h39, h40, h41, h42, h43, h44, h45, h46, h47, h48, h49, h50, h51, h52, h53, h54, h55, h56, h57, h58, h59, h60, h61, h62, h63, h64, h65, h66, h67, h68, h69, h70, h71, h72, h73, h74, h75, h76, h77, h78, h79, h80, h81, h82, h83, h84, h85, h86, h87, h88, h89, h90, h91, h92, h93, h94, h95, h96, h97, h98, h99, h100`) to specify which content should be ignored. Default: none. Using `*` to specify all elements is specified here and none are found on the page. Editoria11y will not find anything.

Don't show edit links on tips in these containers

Tips show copies of the "Edit" and "Layout" links for nodes, users and taxonomy terms. These links are not helpful on lists of content from remote nodes. Provide a comma-separated list of page sections of where these links should not show. E.g. `#sidebar-menu, .news-feed`. To hide the links **everywhere**, set this field to an asterisk (*). To modify the links, [use the ed11yPop event](#) in your theme JS.

Heading outline position of editable content

Advanced configuration

When to display results

Link and document texts

Web components, custom texts and warning issues

Synching results to reports

Save configuration



Manual check: is this uppercase text needed?

UPPERCASE TEXT CAN BE MORE DIFFICULT TO READ FOR MANY PEOPLE, AND IS OFTEN INTERPRETED AS SHOUTING.

Consider using sentence case instead, and using bold text or font changes for visual emphasis, or structural formatting like headings for emphasis that will also be announced by screen readers.

[Page editor](#) [Layout editor](#)

[Mark as checked and OK](#)

[Ignore this manual check](#)

Issue 7 / 258

<

>

?

x

Don't show edit links on tips in these containers

Tips show copies of the "Edit" and "Layout" links for nodes, users and taxonomy terms. These links are not helpful on lists of content from remote nodes. Provide a comma-separated list of page sections of where these links should not show, E.g.: `#sidebar-menu, .news-feed`. To hide the links **everywhere**, set this field to an asterisk (*). To modify the links, [use the ed11yPop event](#) in your theme JS.

Editoria11y Settings

Getting started

1. Make sure [you, your staff, and visitors](#) have the "View Editoria11y checks" permission. Assign "manage Editoria11y results?"
2. Review each setting under Basic Configuration. Many sites need to adjust what parts of the page are scanned.
3. Remember that results only sync to the dashboard when viewing nodes. Results shown while editing or viewing previews or revisions will not sync.
4. Check the [Module Overview](#) / [Blocklist Details](#) / [Issue Queue](#) / [Library Configuration Guide](#).

Troubleshooting

Basic Configuration

Name

Basic

Show tips automatically when issues are detected

☒ Always

☐ On first detection

☐ Never

On first detection is recommended for sites with many editors.

Check content in these containers

By default, CKEditor checks for accessibility issues in the main content area of the page. If you want to check for issues in other parts of the page, you can specify the containers to check. For example, you can specify the containers to check for issues in the main content area, the sidebar, and the footer.

Stop over these elements

Provide a comma separated list of selectors for elements to ignore. These should be specific enough to avoid checking the entire page. For example, you can specify the containers to check for issues in the main content area, the sidebar, and the footer.

Don't show edit tips on tips in these containers

Tip: Show copies of the "Tip" and "Learn" links for nodes, users and taxonomy terms. These links are not visible on sites of content from various nodes. Provide a comma separated list of page sections of where these links should not show. For example, you can specify the containers to check for issues in the main content area, the sidebar, and the footer.

Don't show edit tips on tips in these containers

Advanced configuration

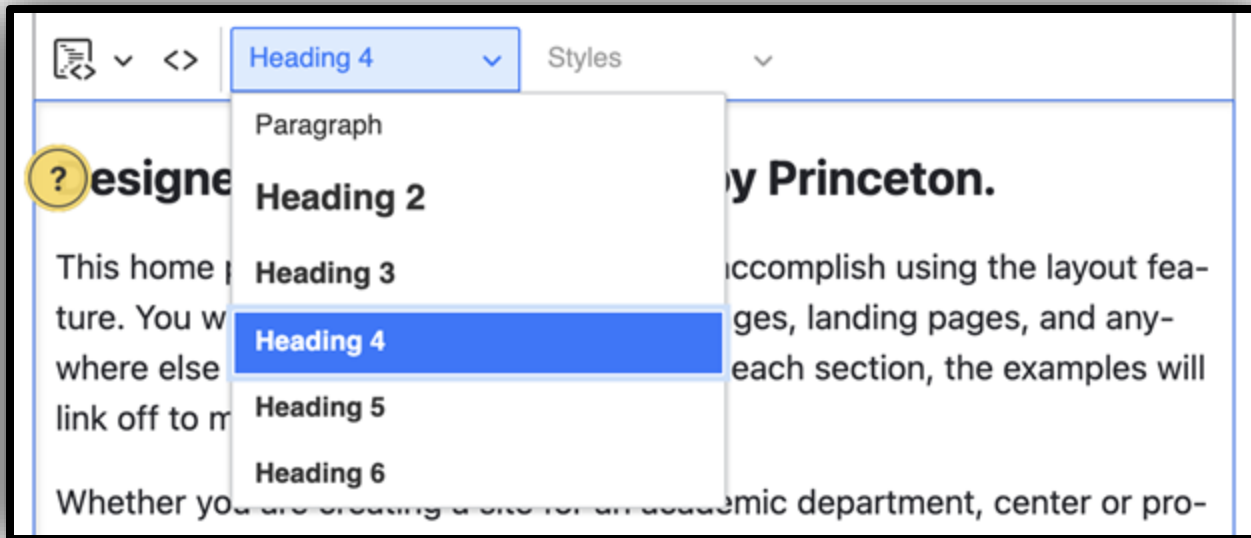
When to display results

Link and document texts

Web components, custom texts and warning issues

Synching results to reports

Save configuration



✓ Heading outline position of editable content

To check headings in CKEditor, Editoria11y needs to know what the first heading level should be in this field. Body fields should generally be at the h2 level.

H2 level fields (body content)

form[id^="node-"] #edit-body-wrapper .ck-content



Editoria11y Settings

Getting started

1. Make sure <https://www.ckeditor.com/docs/4.16.0/ckeditor4-4.16.0-release-notes/> have the "View Editor's checks" permission. Assign "manage CKEditor" as appropriate. [To view the dashboard](#), users need "Manage Editor's results".
2. Review each setting under Basic Configuration. Many sites need to adjust what parts of the page are scanned.
3. Remember that results only apply to the dashboard when viewing nodes. Results shown while editing or viewing previews or revisions will not apply.
4. Check the [Module Overview](#) | [Blocklist Details](#) | [Issue Queue](#) | [Library Configuration Guide](#).

Troubleshooting

Basic Configuration

Name

Basic

Show tips automatically when issues are detected

☒ Always

☐ On first detection

☐ Never

On first detection is recommended for sites with many editors.

Check content in these containers

By default, CKEditor will scan all containers, provide a list of [CKEditor containers](#).

A e.g. `main`, `main-accordion`, `main-accordion`.

Default: `main`, `main-accordion`, `main-accordion`.

On the page, Editoria11y will not find anything.

Stop over these elements

Provide a comma separated list of selectors for elements to ignore. These should be specific enough to be able to identify the elements of the document.

E.g. `main-accordion`, `main-accordion`, `main-accordion`.

Don't show edit tips on tips in these containers

Tips show copies of the "edit" and "cancel" links for nodes, users and taxonomy terms. These tips are not helpful on sites of content from various nodes.

Provide a comma separated list of page sections of where these tips should not show. E.g. `main-accordion`, `main-accordion`.

Don't show edit tips on tips in these containers

Advanced configuration

When to display results

Link and document texts

Web components, custom texts and warning issues

Synching results to reports

Save configuration

✓ Heading outline position of editable content

To check headings in CKEditor, Editoria11y needs to know what the first heading level should be in this field. Body fields should generally be at the h2 level.

H2 level fields (body content)

`form[id^="node-"] #edit-body-wrapper .ck-content`

Body fields on nodes are preceded by an h1, and their heading outline should start with an h2. Ideally set this for top-level body fields for each of your content types, and set blocks and embedded nodes to h3 or h4.

Set all content types: `form[id^="node-"] #edit-body-wrapper .ck-content`

Set specific content types: `form[id^="node-"] #edit-body-wrapper .ck-content`

Set up for Gutenberg: `form[id^="node-"] #edit-body-wrapper .is-root-container`

H3 level fields (blocks or paragraphs with separate titles)

`#edit-accordion-wrapper .ck-content`, `#add-accordi`

Sometimes inline and layout builder blocks are grouped under an h2 from a separate field, so their highest heading level should be h3.

H4 level fields (deeply nested blocks or paragraphs)

Editoria11y Settings

Getting started

1. Make sure [you, your staff and visitors](#) have the "View Editoria11y checker" permission. Assign "manage Editoria11y" as appropriate. [To view the dashboard](#), users need "Manage Editoria11y" results?
2. Review each setting under Basic Configuration. Many sites need to adjust what parts of the page are scanned.
3. Remember that results only apply to the dashboard when viewing nodes. Results shown while editing or viewing previews or revisions will not apply.
4. Check the [Module Overview](#) | [Blocklist Details](#) | [Issue Queue](#) | [Library Configuration Guide](#).

➤ Troubleshooting

Basic Configuration

Name

Basic

Show tips automatically when issues are detected

☒ Always

☐ On first detection

☐ Never

On first detection is recommended for sites with many editors

Check content in these containers

To view results for your website containers, provide a list of [CSS selectors](#).

E.g. `main`, `#main`, `#main .content`
Default: `main`. Using `body` to target all elements are specified here and none are found on the page. Editoria11y will not find anything.

Skip over these elements

Provide a comma separated list of selectors for elements to ignore. These should be as specific as possible, e.g. `div[id="header"]` or `div[id="header"] .content`.
E.g. `div[id="header"]`, `div[id="header"] .content`, `div[id="header"] .content .content`.
To make this more specific, use `div[id="header"] .content .content .content`.

Don't show these tips on tips in these containers

Tips show copies of the "Skip" and "Focus" tips for modules, users and technology issues. These tips are not applied to tips of content from various modules.

Provide a comma separated list of page selectors of where these tips should not apply. E.g. `div[id="header"]`, `div[id="header"] .content`.

To make this more specific, use `div[id="header"] .content .content`.

To modify the tips, see [the tips in the tips](#) in your theme.js.

➤ [Heading outline position of editable content](#)

Advanced configuration

➤ [Link and document tests](#)

➤ [Syncing results to reports](#)

Save configuration

▼ Link and document tests

Default settings should work with both [Link Purpose Icons](#) and [External Links](#).

Strings in links that indicate new windows

`(download)|(window)|(tab)`

Provide a Regex of strings your modules programmatically open-in-new-window links.

Escape characters as needed to form a valid regex; the default is `(download)|(window)|(tab)`

Remove these strings before testing link text

`(link is external)|(link sends email)`

Provide a Regex of strings your modules programmatically pose (external, mail, phone, open-in-new-window) e.g.: `(link is external)|(link sends email)`

Remove strings in these selectors before testing

`svg.ext, svg.mailto, .link-purpose-text`

Provide a CSS selector of elements your modules programmatically external or open-in-new-window links), so they can be checked for the "link has no text" and "link text is not meaningful" tests.
E.g.: `.this`, `.that`

Various settings to make sure the link text tests are aware of external link indications.

You can ignore these if you use the External Links or Link Purpose modules



Editoria11y Settings

Getting started

1. Make sure [users that will access](#) have the "View Editoria11y checker" permission. Assign "roles" (if) as appropriate. [To view the dashboard](#), users need "Manage Editoria11y results".
2. Review each setting under Basic Configuration. Many sites need to adjust what parts of the page are scanned.
3. Remember that results only apply to the dashboard when viewing nodes. Results shown while editing in viewing preview or revisions will not apply.
4. Check the [Module Overview](#) • [Blocklist Details](#) • [Issue Queue](#) • [Library Configuration Guide](#).

Troubleshooting

Basic Configuration

Theme

Basic

Show tips automatically when issues are detected

☒ Always
☐ On first detection
☐ Never

On first detection is recommended for sites with many editors.

Check content in these containers

If you decide to use separate containers, provide a list of [CSS selectors](#).
e.g. `main, #main-content`
Default: none. Using `body` if selectors are specified here and none are found on the page. Editoria11y will not find anything.

Skip over these elements

Provide a comma separated list of selectors for elements to ignore. These should be specific enough to allow Editoria11y to ignore the content.
e.g. `div[id*=main], #main-content`
Default: none. Using `body` if selectors are specified here and none are found on the page. Editoria11y will not find anything.

Don't show edit tips on tips in these containers

Tips show copies of the "Edit" and "Audit" links for nodes, users and taxonomy terms. These tips are not applied to tips of content from external nodes.
Provide a comma separated list of page sections where these tips should not appear.
e.g. `div[id*=main], #main-content`
To make the tips disappear, set the field to an empty string.
To modify the tips, see [the field in the settings](#) in your theme file.

Heading outline position of editable content

Advanced configuration

Link and document tests

Syncing results to reports

Save configuration

The controversial "Has this document been remediated?" test...

You can add more file types, or turn off the test altogether by setting its selector to "false"

Remind the editor that these linked documents need a manual check

```
a[href$='.pdf'], a[href*='.pdf?']
```

Add or remove filetypes. Set to "false" to disable the test altogether. Providing any value will override the default, which is `a[href$='.pdf'], a[href*='.pdf?']`. To test for more document types, use `a[href$='.pdf'], a[href*='.pdf?'], a[href$='.doc'], a[href$='.docx'], a[href*='.doc?'], a[href*='.docx?'], a[href$='.ppt'], a[href$='.pptx'], a[href*='.ppt?'], a[href*='.pptx?'], a[href^='https://docs.google']`



Editoria11y Settings

Getting started

1. Make sure [you, your Drupal user](#) have the "View Editoria11y checks" permission. Assign "help (0)" as appropriate. [To view the dashboard](#), users need "Manage Editoria11y results".
2. Review each setting under Basic Configuration. Many sites need to adjust what parts of the page are scanned.
3. Remember that results only apply to the dashboard when viewing nodes. Results shown while editing or viewing previews or revisions will not apply.
4. Check the [Module Overrides](#) | [BlockKit Config](#) | [BlockKit Config](#) | [Library Configuration Guide](#).

Troubleshooting

Basic Configuration

Name

Basic

Show tips automatically when issues are detected

Always

On first detection

Never

On first detection is recommended for sites with many editors.

Check content in these containers

By default, results are shown in a list of [HTML elements](#).

A comma-separated list of selectors for elements to ignore. These should not be specific elements like an element to exclude for content of the element.

Default: none. Using these to filter elements are specified here and none are found on the page. Editoria11y will not find anything.

Hide under these elements

Provide a comma-separated list of selectors for elements to ignore. These should not be specific elements like an element to exclude for content of the element.

Default: none. Using these to filter elements are specified here and none are found on the page. Editoria11y will not find anything.

Don't show with tips on tips in these containers

Tips show copies of the "Tip" and "Error" lists for nodes, users and taxonomy terms. These tips are not shown on sites of content from various nodes.

Provide a comma-separated list of page selectors of where these tips should not show. For example, `main`.

To make the tips disappear, set the field to an empty string.

To modify the tips, see the [tips](#) field in your theme.js.

Heading outline position of editable content

Advanced configuration

When to display results

Web components, custom texts and warning issues

Save configuration

Back to Administration



My Drupal CMS site



We use cookies and process personal data for the following purposes: **Functional & Embedded external content.**

Customize

Decline

Accept

Don't cover these other widgets

`#klaro_toggle_dialog`

Provide a comma-separated list of selectors for other things that appear in the bottom right of the page.

If nothing is set, Editoria11y will automatically slide left to accommodate `#klaro_toggle_dialog`, `#klaro-cookie-notice`, `.same-page-preview-dialog.ui-dialog-position-side`.

After that!

Editoria11y Settings

Getting started

1. Make sure [you have the right user roles](#) have the "View Editoria11y checker" permission. Assign "role OK" as appropriate. [To view the dashboard](#), users need "Manage Editoria11y results".
2. Review each setting under Basic Configuration. Many sites need to adjust what parts of the page are scanned.
3. Remember that results only sync to the dashboard when viewing nodes. Results shown while editing or viewing previews or revisions will not sync.
4. Check the [Module Overview](#) | [Blocklist Details](#) | [Issue Queue](#) | [Library Configuration Guide](#).

Troubleshooting

Basic Configuration

Name

Basic

Show tips automatically when issues are detected

Always

On first detection

Never

On first detection is recommended for sites with many editors.

Check content in these containers

By default, results are shown for all containers. Provide a list of [CSS selectors](#).

e.g. `main, #main-content` (a container)
Default: none. Using `body` to display all elements are specified here and none are found on the page. Editoria11y will not find anything.

Skip over these elements

Provide a comma separated list of selectors for elements to ignore. These should be specific enough to avoid the container you want to scan.
e.g. `h1, h2, h3, h4, h5, h6, h7, h8, h9, h10, h11, h12, h13, h14, h15, h16, h17, h18, h19, h20, h21, h22, h23, h24, h25, h26, h27, h28, h29, h30, h31, h32, h33, h34, h35, h36, h37, h38, h39, h40, h41, h42, h43, h44, h45, h46, h47, h48, h49, h50, h51, h52, h53, h54, h55, h56, h57, h58, h59, h60, h61, h62, h63, h64, h65, h66, h67, h68, h69, h70, h71, h72, h73, h74, h75, h76, h77, h78, h79, h80, h81, h82, h83, h84, h85, h86, h87, h88, h89, h90, h91, h92, h93, h94, h95, h96, h97, h98, h99, h100`

Don't show edit tips on tips in these containers

Tips show copies of the "edit" and "cancel" links for nodes, users and taxonomy terms. These tips are not helpful on sites of content from various nodes.

Provide a comma separated list of page sections of where these tips should not show. e.g. `h1, h2, h3, h4, h5, h6, h7, h8, h9, h10, h11, h12, h13, h14, h15, h16, h17, h18, h19, h20, h21, h22, h23, h24, h25, h26, h27, h28, h29, h30, h31, h32, h33, h34, h35, h36, h37, h38, h39, h40, h41, h42, h43, h44, h45, h46, h47, h48, h49, h50, h51, h52, h53, h54, h55, h56, h57, h58, h59, h60, h61, h62, h63, h64, h65, h66, h67, h68, h69, h70, h71, h72, h73, h74, h75, h76, h77, h78, h79, h80, h81, h82, h83, h84, h85, h86, h87, h88, h89, h90, h91, h92, h93, h94, h95, h96, h97, h98, h99, h100`

To make the tips disappear, set the field to an empty string.

To modify the tips, set the field to an empty string.

Heading outline position of editable content

Advanced configuration

When to display results

Link and document texts

Syncing results to reports

Save configuration

✓ Syncing results to reports

Remove redundant base url from URLs

Provide base URL ("/mysite") if your site is installed in a subdirectory. Subdirectories tend to get duplicated (/mysite/mysite/mypage) and throw errors from the API.

Preserve query parameters

search,keys,page,language,language_content_entity

The dashboard ignores most parameters: results for both /news?f=1 and /news?f=2 will show up as just /news. Provide a comma separated list of parameters that are meaningful, and should appear as separate pages in results.

☐ Disable sync altogether

Syncing test results back to Drupal is required for the [issue](#) and [dismissal](#) dashboards and "mark OK" buttons.

You made it!
Deep breath.
Now for the fun stuff.



Meet JS Events

```
document.addEventListener(  
  'ed11yPop', e => {  
    // Do something.  
  }  
);
```

```
// Most events send "detail" objects.  
// e.detail.result.element.classList.add('open');  
// use console.log(e.detail) to explore.
```



On Tip Pop example



```
document.addEventListener('ed11yPop', e => {  
  if (e.detail.result.element.closest(MY-SELECTOR)) {  
    e.detail.tip.shadowRoot.querySelector(  
      '.ed11y-custom-edit-links[href$="/edit"]'  
    )?.setAttribute('hidden', '');  
  });  
});
```



The most
useful
Editoria11y
events

Test are running:

- `ed11yRunCustomTests*` (*write to Ed11y.results*)
- `ed11yResults` (*read from Ed11y.results*)

Tip are opening:

- `ed11yPanelOpened`
- `ed11yShowHidden*` (*result*)
- `ed11yPop` (*result, tip, result ID*)

** only dispatched if you asked nicely in config*



On Open

*Unstick page
header, open
accordions,
switch tabs...*

```
document.addEventListener(  
    "ed11yPanelOpened", function () {  
        // Prevent header from sticking.  
        $('body').addClass('no-stick');  
  
        // Open all accordions with results.  
        $('ed11y-element-result').each(function () {  
            $(this).parents('.accordion.shut').prev()  
                .find('.accordion-button').click();  
        })  
    })  
    // (various if statements deleted for code brevity)
```



Show Hidden

*Make sure the
result is visible
before the tip
draws*



Theme JS will handle revealing hidden tooltips inside these containers

```
.accordion, .tabs, .carousel
```

```
document.addEventListener(
  'ed11yShowHidden', function(e) {
    const result =
      $('[data-ed11y-result="'+e.detail.result+'"]');
    if (result.parents('.accordion.shut').length > 0) {
      result.parents('.accordion').prev()
        .find('.ps-accordion-item-button').click();
    }
  }, false);
```

Writing custom tests

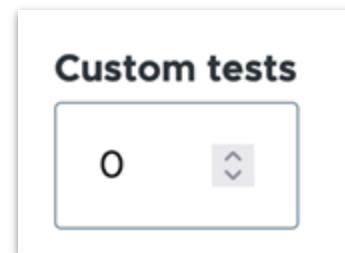


*The coolest
custom test
I've seen
from a user
so far...*



Custom tests take 4 steps

*(remember to add 1 to the
count of custom tests on
the config page):*



A screenshot of a web interface element titled "Custom tests". Below the title is a rectangular box containing the number "0" and a small square button with a double-headed vertical arrow, indicating a dropdown menu.

1. Find issues
2. Tell Editoria11y what you want in your tip
3. Tell Editoria11y about your issues
4. Tell Editoria11y you're done



1: Find issues

Ed11y.findElements() is an optional helper that only selects using your checkroot / ignore config.



```
document.addEventListener(  
  'ed11yRunCustomTests', function() {  
  
    Ed11y.findElements(  
      'notInTable',           // name your list  
      'table .widget'        // any CSS selector  
    );  
  
    Ed11y.elements.notInTable?.forEach((el) => {  
      // further filter the list as needed  
    })  
  })  
}
```



2:

Add your tip
title and
content to
Ed11y.M

```
Ed11y.M.notInTable = {  
  title: 'Widgets do not belong in tables',  
  tip: () =>  
    <p>Don't put our custom widgets in  
      tables. They asplode on  
      mobile.</p>  
  ,  
};
```



3:
Add each issue
to
Ed11y.results

```
Ed11y.elements.notInTable?.forEach((el) =>  
  Ed11y.results.push({  
    element: el,  
    test: 'notInTable',  
    content: Ed11y.M.notInTable.tip(),  
    position: 'beforebegin',  
    dismissalKey: Ed11y.dismissalKey(el.textContent),  
  })  
})
```



To create a dismissable "Manual Check," use Ed11y.dismissalKey() to create an identifier based on something unique-ish in the element – text or attributes or HTML.

Otherwise return `dismissalKey: false`



4:
Announce that
you are
finished

```
let allDone = new CustomEvent('ed11yResume');  
  
document.dispatchEvent(allDone);
```



Please do not put our widgets in tables

Don't put our custom widgets in tables. They asplode on mobile.

 Edit this content

 Mark as checked and OK

 Ignore this manual check

Issue 17 / 24

< > ? x



Some more things on the roadmap...

1. *Bugfixes!*

From typos and performance issues to quirks in the hidden element detector...the live-editing rewrite left a lot of loose ends.

2. GUI to enable/disable tests. *(thanks again for the MR @nmillin)*

3. Backend rewrite to support the dashboard initiative – Views-ready references to nodes, terms and users in the result tables.





Fin.

Module: drupal.org/project/editoria11y
Library: editoria11y.princeton.edu
Me: drupal.org/u/itmaybejj
