

DIY Accessibility Testing & Auditing

Cornell DrupalCamp 2019

MESSAGE  AGENCY

Hi, there!

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Accessibility Advocate



Outline

1. Level setting ourselves
2. Building your toolset
3. Defining the scope
4. Using automated tools
5. Keyboard and manually testing your site
6. Determining next steps



“Disability is not just a health problem. It is a complex phenomenon, reflecting the interaction between features of a person’s body and features of the society in which he or she lives.”

- World Health Organization



1. Level setting ourselves

Before we begin, let's cover some ground rules to set our expectations.

1. Level setting ourselves

Prerequisites and reminders

- 1. Very familiar with HTML and CSS basics.**



1. Level setting ourselves

Prerequisites and reminders

1. Very familiar with HTML and CSS basics.
2. **Very familiar with your site's architecture and functionality.**



Prerequisites and reminders

1. Very familiar with HTML and CSS basics.
2. Very familiar with your site's architecture and functionality.
3. **Automated tools pick up < 40% errors.¹ You must manually test.**



Prerequisites and reminders

1. Very familiar with HTML and CSS basics.
2. Very familiar with your site's architecture and functionality.
3. Automated tools pick up > 40% errors.¹ You must manually test.
4. **Compliance does not equal a truly accessible site.**



Prerequisites and reminders

1. Very familiar with HTML and CSS basics.
2. Very familiar with your site's architecture and functionality.
3. Automated tools pick up > 40% errors.¹ You must manually test.
4. Compliance does not equal a truly accessible site.
5. **This is not a guide for a full or comprehensive accessibility audit.**



1. Level setting ourselves

Why now?

1. Are you redesigning your site?



1. Level setting ourselves

Why now?

1. Are you redesigning your site?
2. **Are you doing considerable development work?**



Why now?

1. Are you redesigning your site?
2. Are you doing considerable development work?
3. **Are you being sued? Are you afraid of being sued?**



Why now?

1. Are you redesigning your site?
2. Are you doing considerable development work?
3. Are you being sued? Are you afraid of being sued?
4. **Are you just trying to make your website better?**



What's your bandwidth?

- 1. Do you have the in-house capacity to confidently identify errors?**



What's your bandwidth?

1. Do you have the in-house capacity to confidently identify errors?
2. **Do you have the in-house capacity to confidently fix errors?**



What's your bandwidth?

1. Do you have the in-house capacity to confidently identify errors?
2. Do you have the in-house capacity to confidently fix errors?

If you answer no to either of these questions...

Contact a vendor.



1. Level setting ourselves

How do you create an a11y process?

- 1. Standardize your interpretation, goals, and tools.**



How do you create an a11y process?

- 1. Standardize your interpretation, goals, and tools.**
 - a. Are we working toward a minimum, optimized, or idealized solution?



How do you create an a11y process?

- 1. Standardize your interpretation, goals, and tools.**
 - a. Are we working toward a minimum, optimized, or idealized solution?
 - b. Are we using the same tools?



How do you create an a11y process?

1. Standardize your interpretation, goals, and tools
 - a. Are we working toward a minimum, optimized, or idealized solution?
 - b. Are we using the same tools?
2. **Identify your Achilles' heel.**



How do you create an a11y process?

1. Standardize your interpretation, goals, and tools
 - a. Are we working toward a minimum, optimized, or idealized solution?
 - b. Are we using the same tools?
2. Identify your Achilles' heel.
- 3. Share knowledge (and responsibility).**



2. Building your toolset

Automated tools pick up different errors.² Standardizing your toolset is a must.

Automated tools



**Siteimprove
browser extension**



! Headings are not nested properly

AAA 2.4.10 Section Headings

The headings on the page must be hierarchically organized.

Think of headings as sign posts providing users context.

Screen readers often use a shortcut allowing users to view a list of all headings found on the page. The screen reader uses the heading code (H1-H6 and WAI-ARIA headings and their 'aria-level') to create this list. Some users also tab through the headings of a page.

Heading codes used in the proper order will give an accurate 'picture' of what is on the web page.

Headings must not skip levels.

There must be at least one top level heading (H1 or WAI-ARIA role="heading" with a aria-level="1") present on the page and sub headings for this must be H2 or WAI-ARIA role="heading" aria-level="2" and so on.

Instances on this page

4

<h4> Siteimprove transforms the way y... ▾

<h4> Know Everything ▾

<h4> Small & Medium Businesses ▲

</> Open DevTools to view code snippet

<h4> Create an account now and be on... ▾

Find Your Solution



Small & Medium Businesses

When time and resources are limited, our content and analytics packages become your one-stop-shop to managing your growing digital presence.



Large Businesses

It's never been easier to get a true overview of your digital presence, prove ROI, and maintain consistency and brand integrity across hundreds of pages and contributors.



Public Org

Ensure transparent tasks across your living up to moun

Plans & Pricing

Automated tools



Siteimprove
browser extension



Microsoft Accessibility
Insights



Accessible University Demo Site

Not secure | www.washington.edu/accesscomping/au/before.html

Accessible University

[All](#)
[Academics](#)
[Admission](#)
[Life](#)

AU student wins engineering award for talking robot sign language interpreter.

Apply Now!

(required fields are in blue)

Name:

Email:

City:

State/Province:

Zip/Postal Code:

Country:

Desired major(s):

- Computer Science
- Engineering
- Economics
- Physics
- Psychology
- Spanish

Security Test

Please enter the two words you see below, separated by a space.

-72.9°

Submit

Welcome!

Accessible University (AU) is a fictional university, and this is its fictional home page. This page is designed to demonstrate a variety of common web design problems that result in visitors with disabilities being unable to access the content or features of a web page. Although the heading at the top of this section of the page suggests that AU may be a welcoming institution, the inaccessible design of this page sends the opposite message.

Bienvenido!

Accesible Universidad (UA) es una universidad ficticia, y esta es su página de ficción. Esta página está diseñada para demostrar una variedad de común de diseño web que se traducen en problemas de los visitantes con discapacidad no poder acceder al contenido o las características de una página web. Aunque el título en la parte superior de esta sección de la página sugiere que AU puede ser una institución de bienvenida, el diseño inaccesible de esta página envía el mensaje opuesto.

Can you spot the barriers?

There are at least 18 accessibility issues on this page. To see a list of all known issues, click here. To see a more accessible version of this same page, click here. For a cheat sheet of accessibility issues, click here.

Automated Checks - Accessibility

Accessibility Insights for Web

Target page: Accessible University Demo Site - Inaccessible Version

Automated checks

24 failures were detected. When the Automated Checks toggle is on, failure instances selected in this page are highlighted in the target page.

24 failures were detected. When the Automated Checks toggle is on, failure instances selected in this page are highlighted in the target page.

by-pass: Page must have means to bypass repeated blocks WCAG 2.4.1

html

color-contrast: Elements must have sufficient color contrast WCAG 1.4.3

html-has-lang: <html> element must have a lang attribute WCAG 3.1.1

html

image-alt: Images must have alternate text WCAG 1.1.1

img alt="logo" src="images/au123456789.gif" vidth=...

img src="stake.jpg" alt="stake.jpg" src="images/stake.jpg"/>

img src="arrow-left.png" alt="arrow-left.png" src="images/arrow-left.png"/>

img src="arrow-right.png" alt="arrow-right.png" src="images/arrow-right.png"/>

Failure details

Copy failure details

File issue

Rule: color-contrast: Elements must have sufficient color contrast. WCAG 1.4.3

How to fix: Fix the following:

- Element has insufficient color contrast of 2.52 (foreground color: #1a9ab6, background color: #e7ecd8, font size: 12.0pt, font weight: normal). Expected contrast ratio of 4.5:1

Snippet: About

Path: /a[href="#"]> a(href="#")

Automated tools



Siteimprove
browser extension



Microsoft Accessibility
Insights



WAVE
browser extension





WAVE

web accessibility evaluation tool

Styles No Styles Contrast

Details

Filter: Full

Errors (9)

3 X Linked image missing alternative text *i*



3 X Missing form label *i*



1 X Empty link *i*



2 X Broken skip link *i*



Alerts (13)

1 X Missing first level heading *i*



2 X Skipped heading level *i*



1 X Possible heading *i*



1 X Broken same-page link *i*



5 X Redundant link *i*



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PANTHEON

platform.sh

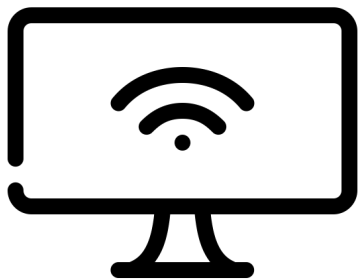
Acquia

Log in

Track Content & Marketing Track Sponsors Community News



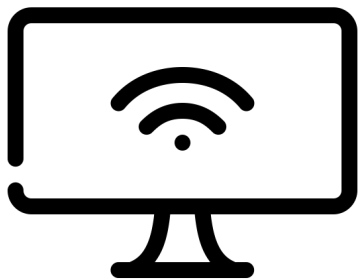
Other tools



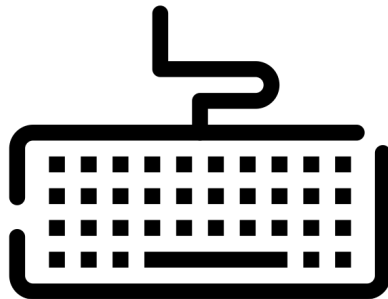
Web browser



Other tools



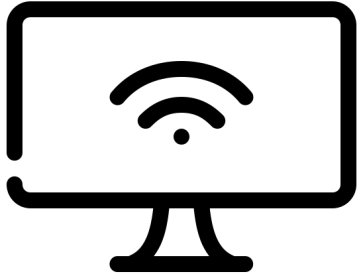
Web browser



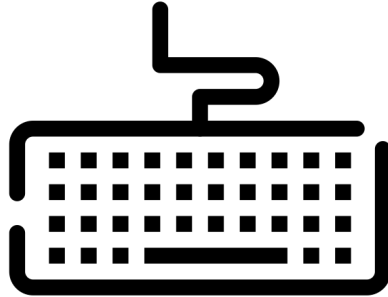
Keyboard



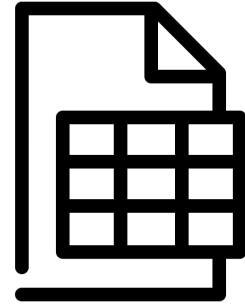
Other tools



Web browser



Keyboard



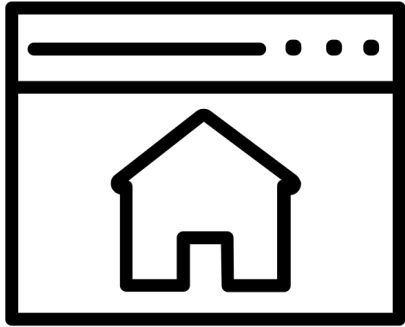
Spreadsheet



3. Defining the scope

Document what you are and are not evaluating.

What pages should you test?



Homepage



Contact page(s)



Top-visited pages



Out of a million homepages...

98%

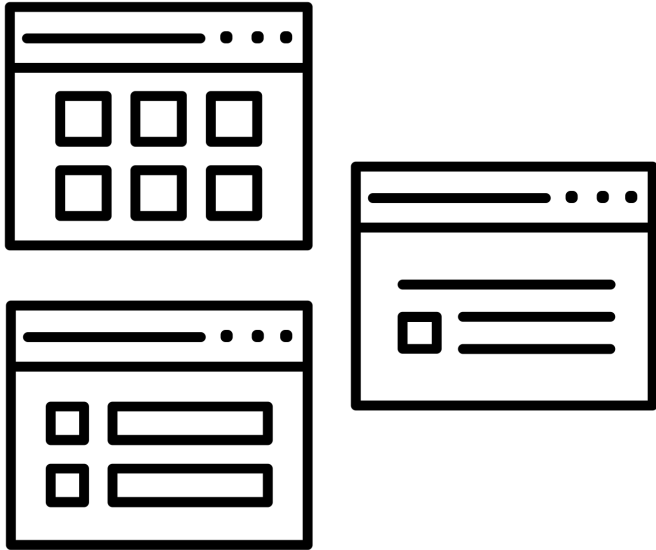
had detectable WCAG 2 failures.³

Users with disabilities would expect to encounter detectable errors on

1 in every 13

elements with which they engage.⁴

What pages should you test?



The best representation of each **type of page**

Example: landing page, blog post, search results page



What pages should you test?

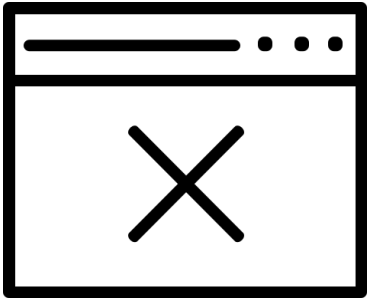


The best representation of each **type of process**

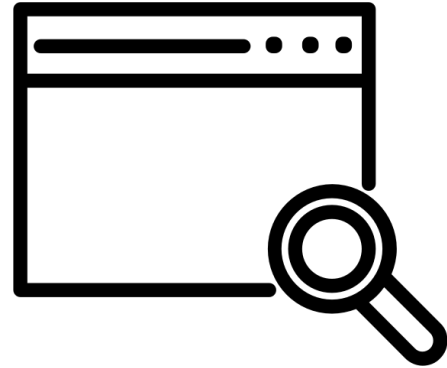
Example: multi-step form, checkout, registration form, status messaging



What else should you include?



A list of the areas
you're **NOT** testing



A list of all the tools
you used to test



A quick word on compliance:

- 1. Only achieved if the full Web page is in compliance.**



A quick word on compliance:

1. Only achieved if the full Web page is in compliance.
2. **All web pages in the process must conform.**



A quick word on compliance:

1. Only achieved if the full Web page is in compliance.
2. All web pages in the process must conform.
3. **All information, content, and functionality must be provided in a way that is supported by assistive technology.**



A quick word on compliance:

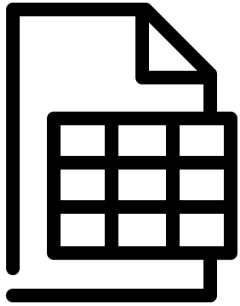
1. Only achieved if the full Web page is in compliance.
2. All web pages in the process must conform.
3. All information, content, and functionality must be provided in a way that is supported by assistive technology.
4. **Non-conforming parts can't block the user's ability to access the rest of the page.**



4. Using automated tools

Find the most common accessibility errors.

Setting up



Spreadsheet



Automated tools



Accessibility Checker

▼ Choose filters

Choose conformance level

- A A conformance 19
- AA AA conformance 22
- AAA AAA conformance 28

[What does conformance level mean?](#)

Choose severity

- ! Error 15
- ⚠ Warning 6
- ⏸ Review 7

[What does severity mean?](#)

Choose responsibility

- 👤 Editor 11
- 🛠 Webmaster 6
- 👨‍💻 Developer 11

[What does responsibility mean?](#)

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Issues

Text Alternatives

A Non-text Content 1.1.1	4 instances	✓
------------------------------------	-------------	---

Adaptable

A Info and Relationships 1.3.1	17 instances	^
--	--------------	---

! Input field has no description	3 instances	👤
---	-------------	---

! Local link destination does not exist	2 instances	👤
--	-------------	---

! HTML is used to format content	1 instance	👤
---	------------	---

⚠ No top-level heading on the page	1 instance	👤
---	------------	---

⚠ Non-distinguishable landmarks	2 instances	👤
--	-------------	---

⚠ Content not included in landmarks	4 instances	👤
--	-------------	---

⚠ Are landmarks appropriately applied?	4 instances	👤
---	-------------	---

Distinguishable

AA Contrast (Minimum) 1.4.3		🔄
---------------------------------------	--	---

AA Images of Text 1.4.5	8 instances	^
-----------------------------------	-------------	---

⚠ Is the image free of text?	8 instances	👤
-------------------------------------	-------------	---

at DrupalCon Amsterdam for the opportunity to access and engage with the decision makers and minds who make Drupal happen.

2019 featured more grants and scholarships

We realize attending DrupalCon is a dream for many, which is why we offered opportunities for you to attend DrupalCon. We extend a hearty congratulations to the 2019 scholars.

MEET THE RECIPIENTS

News & Updates

09
MAY
2019

Reflections from DrupalCon Seattle's Grant & Scholarship Recipients

What an event this last DrupalCon was! Thanks to all who joined us in April for DrupalCon Seattle 2019.

Summary

WAVE has detected the following:

- 9 Errors
- 13 Alerts
- 5 Features
- 30 Structural Elements
- 9 HTML5 and ARIA
- 26 Contrast Errors

Panel Options

DETAILS: A listing of all the WAVE icons in your page.

DOCUMENTATION: Explanation of the WAVE icons and how you can make your page more accessible.

OUTLINE: The heading structure of the web page.



DrupalCon

SEATTLE, WA, USA

APRIL 8-12, 2019

Washington State Convention Center

[VIEW SESSIONS](#)

Details

Filter: Full

Errors (9)

3 X Linked image missing alternative text



3 X Missing form label



1 X Empty link



2 X Broken skip link



Alerts (13)

1 X Missing first level heading



2 X Skipped heading level



1 X Possible heading



1 X Broken same-page link



5 X Redundant link



1 X Noscript element



2 X Redundant title text



The image shows a browser window with the Accessibility Insights for Web application open. The browser's address bar and navigation icons are visible at the top. The application title is "Accessibility Insights for Web" with a gear icon and a hamburger menu icon to its right. Below the title is a link to "Watch 3-minute video introduction". The main content area is titled "Launch pad" and contains three items:

- FastPass**: Represented by a rocket icon, with the description "Run two tests to find the most common accessibility issues in less than 5 minutes."
- Assessment**: Represented by a flask icon, with the description "Walk through a guided process for assessing accessibility compliance."
- Ad hoc tools**: Represented by a stethoscope icon, with the description "Get quick access to visualizations that help you identify accessibility issues."

At the bottom of the application window, it says "Version 2.9.1 | Powered by [axe-core](#) 3.2.2".

Accessibility Insights for Web



[Watch 3-minute video introduction](#)

Launch pad



FastPass

Run two tests to find the most common accessibility issues in less than 5 minutes.



Assessment

Walk through a guided process for assessing accessibility compliance.



Ad hoc tools

Get quick access to visualizations that help you identify accessibility issues.

Version 2.9.1 | Powered by [axe-core](#) 3.2.2

Target page: [Seattle 2019 | DrupalCon](#)

1 Automated checks

2 Tab stops

Automated checks

Automated checks can detect some common accessibility problems such as missing or invalid properties. But most accessibility problems can only be discovered through manual testing. The best way to evaluate web accessibility compliance is to complete an [assessment](#).

Show failures On [↗ Export result](#)

✖ 25 failures were detected. When the Automated Checks toggle is on, failure instances selected in this page are highlighted in the target page.

<input checked="" type="checkbox"/>	>	Path	Snippet	How to fix
<input checked="" type="checkbox"/>	>	color-contrast	Elements must have sufficient color contrast (✖ 18) WCAG 1.4.3	
<input checked="" type="checkbox"/>	>	html-has-lang	<html> element must have a lang attribute (✖ 1) WCAG 3.1.1	
<input checked="" type="checkbox"/>	>	label	Form elements must have labels (✖ 2) WCAG 1.3.1, WCAG 3.3.2	
<input checked="" type="checkbox"/>	>	link-name	Links must have discernible text (✖ 4) WCAG 2.4.4, WCAG 4.1.2	

Failure details

Select a single failure instance from a group in the table above to see more details here.



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Washington State Convention Center

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Automated checks results

Summary

25 Failed

20 Passed

23 Not applicable

Scan details

<https://events.drupal.org/seattle2019>

2019-09-09 5:52 PM UTC

Failed instances 25

18 color-contrast: Ensures the contrast between foreground and background colors meets WCAG 2 AA contrast

1 html-has-lang: Ensures every HTML document has a lang attribute

2 label: Ensures every form element has a label

4 link-name: Ensures links have discernible text

Passed checks 20

Not applicable checks 23

18 color-contrast: Ensures the contrast between foreground and background colors meets WCAG 2 AA contrast ratio thresholds

Resources for this rule

More information about color-contrast

WCAG 1.4.3

Path .date

Snippet <div class="date">October 28 - 31, 2019</div>

How to fix

Fix the following:

- Element has insufficient color contrast of 4.48 (foreground color: #e22b4a, background color: #ffffff, font size: 1.3pt, font weight: normal). Expected contrast ratio of 4.5:1

Path .field-name-field-link > .field-items > .even.field-item > a

Snippet View Sessions

How to fix

Fix the following:

- Element has insufficient color contrast of 4.48 (foreground color: #ffffff, background color: #e22b4a, font size: 1.20pt, font weight: normal). Expected contrast ratio of 4.5:1

Path .group-right.field-group-div > .field-name-field-cta.field-type-link-field.field-label-hidden > .field-items > .even.field-item > a

Snippet Learn more

How to fix

Fix the following:

- Element has insufficient color contrast of 4.48 (foreground color: #ffffff, background color: #e22b4a, font size: 1.20pt, font weight: normal). Expected contrast ratio of 4.5:1

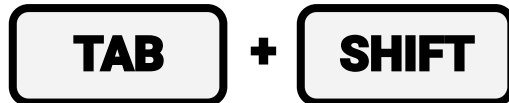
5. Keyboard and manually testing your site

Evaluate your site's functionality.

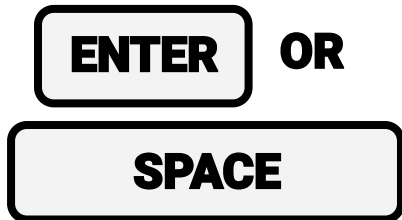
Keyboard testing basics



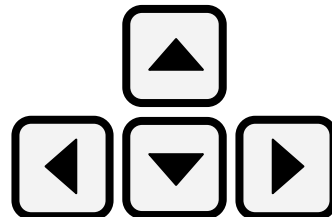
Go forward



Go backward



Activate



Move around



What are we checking for?

1. **Visible focus**

When we navigate to an interactive component, it is visually apparent.



What are we checking for?

1. **Visible focus**

When we navigate to an interactive component, it is visually apparent.

2. **Keyboard navigation**

We can navigate **to** all interactive components.



What are we checking for?

1. **Visible focus**

When we navigate to an interactive component, it is visually apparent.

2. **Keyboard navigation**

We can navigate **to** all interactive components.

3. **No keyboard traps**

We can navigate **away** from all interactive components.



What are we checking for?

4. **On focus**

Navigating to a component does not cause a change of context, like opening a new browser window.



What are we checking for?

4. **On focus**

Navigating to a component does not cause a change of context, like opening a new browser window.

5. **On input**

Changing a component's settings does not cause a change of context, like submitting a form when the user leaves the last input field on the form.



What are we checking for?

4. **On focus**

Navigating to a component does not cause a change of context, like opening a new browser window.

5. **On input**

Changing a component's settings does not cause a change of context, like submitting a form when the user leaves the last input field on the form.

6. **No keystroke timing**

No components require specific keystroke timing, like an app only loading if we hold down a key for 5 seconds.



Keyboard ⓘ

> Getting Started

Requirements

1 Keyboard navigation. Users must be able to *navigate* to all interactive interface components using a keyboard.



2 No keyboard traps. Users must be able to *navigate away* from all components using a keyboard.



3 On focus. Navigating to a component must not trigger any unexpected change of context.



4 On input. Changing a component's settings must not trigger any unexpected change of context.



5 No keystroke timing. Components must not require specific timings for individual keystrokes.



6 Character key shortcuts. Users must be able to turn off or remap character key shortcuts.



Keyboard navigation

ⓘ Info & examples

Visual helper Off

✓ How to test

The visual helper for this requirement records elements in the target page that receive the input focus.

1. Use the keyboard to navigate through all the interactive interface components in the target page.
 - a. Use **Tab** and **Shift+Tab** to navigate between widgets both forwards and backwards.
 - b. Use the arrow keys to navigate between the focusable elements within a composite widget.
2. If a "keyboard trap" prevents the focus from leaving a widget:
 - a. Use your mouse to move the focus to the next widget.
 - b. Resume testing.
3. If you encounter any trigger component that reveals hidden content:
 - a. Activate the trigger.
 - b. Navigate through the revealed content.
 - c. Close the revealed content.
 - d. Resume navigating the page.
4. Verify that you can navigate to all interactive components using the keyboard.
5. Record your results:
 - a. If you find any failures, select **Fail**, then add them as failure instances.
 - b. Otherwise, select **Pass**.

Pass Fail ↶

Healthcare

This Summit aims to help connect you with Drupal users in the industry - be it pharma, scientific, or medical, to learn from each other about best practices, new trends, and generate ideas.

[LEARN MORE](#)

Libraries

This Summit is a one-day event for anyone using Drupal at a library who is looking to connect with other library users through presentations, peer networking, and collaborative round table discussions.

[LEARN MORE](#)

Nonprofit

The Nonprofit Summit aims to help connect you with other nonprofit Drupal users, to learn from each other about best practices, new trends, and generate ideas in a day that includes collaborative peer discussion and networking.

[LEARN MORE](#)



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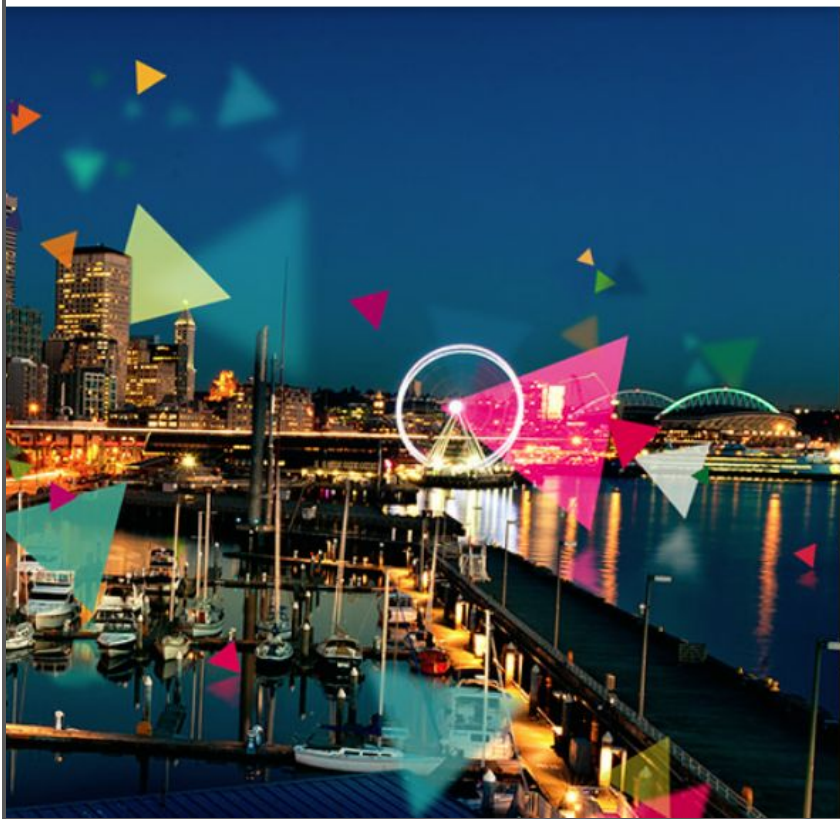
Trainings

Program Guide





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Community



News

6. Determining next steps

What now?

Prioritizing defects in-house

1. **Basic tasks**

Example: creating an account, logging in, buying a product



Prioritizing defects in-house

1. **Basic tasks**

Example: creating an account, logging in, buying a product

2. **Navigation issues**

Example: skipped heading levels, no skip links, focus order



Prioritizing defects in-house

1. **Basic tasks**

Example: creating an account, logging in, buying a product

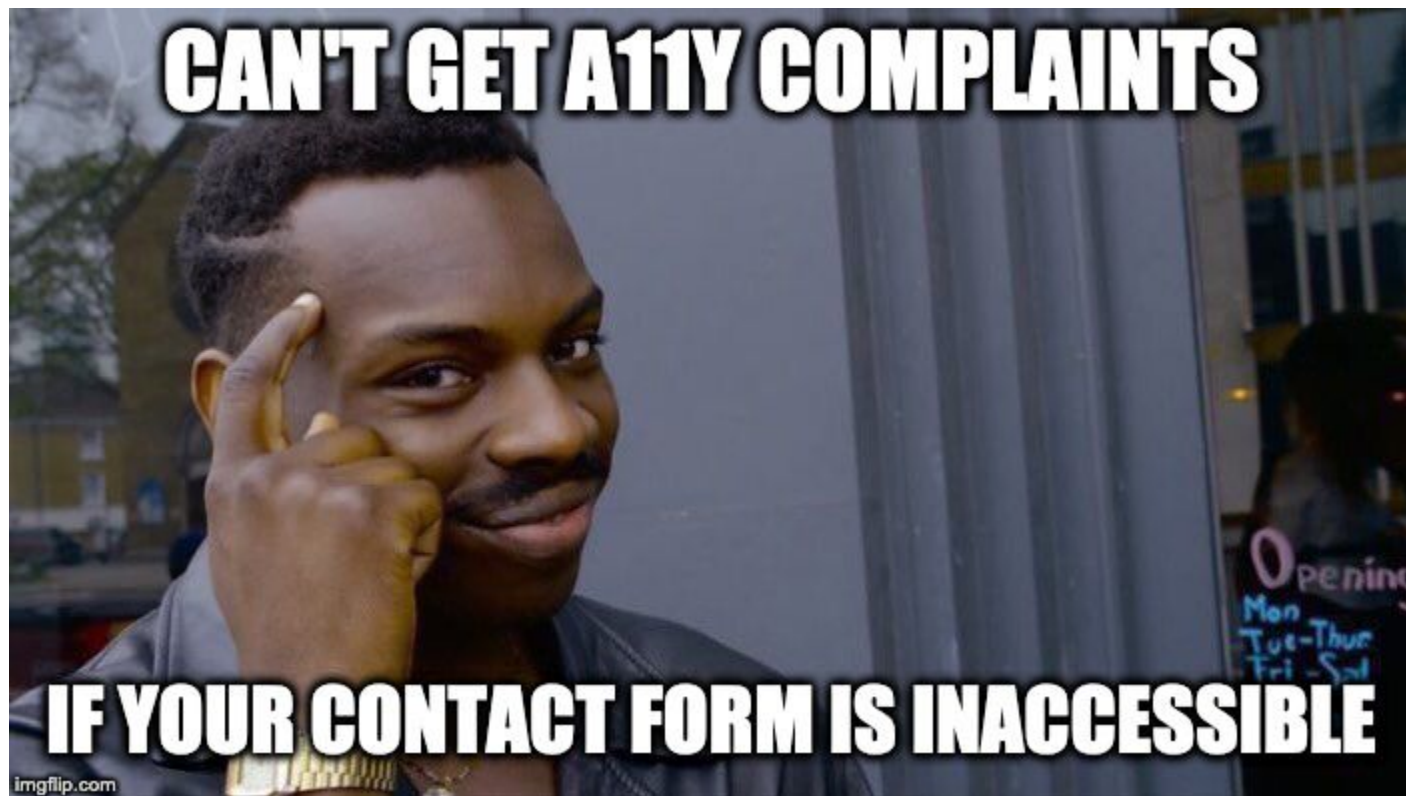
2. **Navigation issues**

Example: skipped heading levels, no skip links, focus order

3. **Form submissions**

Example: contact form, feedback form, surveys, donation form





Prioritizing defects in-house

4. **Pages with legal implications**

Example: privacy policy, nutritional information, GDPR pages



Prioritizing defects in-house

4. **Pages with legal implications**

Example: privacy policy, nutritional information, GDPR pages

5. **High traffic pages**

Example: homepage, landing pages, campaign pages



Prioritizing defects in-house

4. **Pages with legal implications**

Example: privacy policy, nutritional information, GDPR pages

5. **High traffic pages**

Example: homepage, landing pages, campaign pages

6. **Issues picked up by free crawlers**

Example: the issues found by using automated tools



Creating an accessibility statement

- 1. Measures your organization takes to support accessibility**



Creating an accessibility statement

ACME Inc. takes the following measures to ensure accessibility of the ACME Inc. website:

- Include accessibility as part of our mission statement.
- Integrate accessibility into our procurement practices.
- Appoint an accessibility officer and/or ombudsperson.
- Provide continual accessibility training for our staff.
- Include people with disabilities in our design personas.



Creating an accessibility statement

1. Measures your organization takes to support accessibility
- 2. Which accessibility standard your site follows**



Creating an accessibility statement

To help make the ACME Inc. website a positive experience for everyone, we have been using the [Web Content Accessibility Guidelines \(WCAG\) 2.1](#), which explain how to make web content more accessible for people with disabilities and user-friendly for everyone.

The guidelines have three levels of accessibility (A, AA and AAA). We've chosen Level AA as the target for the ACME Inc. website.



Creating an accessibility statement

1. Measures your organization takes to support accessibility
2. Which accessibility standard your site follows
3. **Contact information for issues or feedback**



Creating an accessibility statement

If you enjoyed using the ACME Inc. website, or if you had trouble with any part of it, please get in touch. We'd love to hear from you in any of the following ways:

E-mail: AnActualPerson@example.com

Phone: (555) 867-5309

We aim to respond to feedback within 1-3 business days.



Creating an accessibility statement

1. Measures your organization takes to support accessibility
2. Which accessibility standard your site follows
3. Contact information for issues or feedback
- 4. Accessibility features your site has**



Creating an accessibility statement

Accessibility features on the ACME Inc. website:

- Invisible skip links that lead screen reader users directly to the main content on a page
- Headers that help define page organization
- Videos that are captioned and include transcripts
- Color contrast that assists reading for people who are color blind or have vision impairments



Creating an accessibility statement

1. Measure your organization takes to support accessibility
2. Which accessibility standard your site follows
3. Contact information for issues or feedback
4. Accessibility features your site has
5. **Known areas that have limitation or are non-compliant**



Creating an accessibility statement

1.1.1: Non-text Content

As we continue to move our old content over to our new site, we will be reviewing all non-text content on a case-by-case basis to ensure that items have the proper text alternative.

1.2.3: Audio Description or Media Alternative (Prerecorded)

We are reviewing our video content and will be making captioning and transcripts available as they are completed. Should you need an audio description or media alternative before it is available, please reach out to us at AnActualPerson@example.com and we will work to get it to you as soon as possible.



Creating an accessibility statement

1. Measure your organization takes to support accessibility
2. Which accessibility standard your site follows
3. Contact information for issues or feedback
4. Accessibility features your site has
5. Known areas that have limitation or are non-compliant
- 6. Time frame of when you expect to reach accessibility milestones**



Creating an accessibility statement

April 2020

We plan to have rectified all keyboard navigation errors by this time.

December 2020

While new video content posted on this site have both transcripts and captions, videos posted to this site prior to 2014 might lack them. By this time, all video content on our site will have transcripts and captions.



Creating an accessibility statement

1. **Minimal example:**

<https://www.w3.org/WAI/planning/statements/minimal-example/>

2. **Complete example:**

<https://www.w3.org/WAI/planning/statements/complete-example/>

3. **Accessibility statement generator:**

<https://www.accessibilitystatementgenerator.com/>



Resources

1. <http://bit.ly/a11y-testing-sheet>
2. <https://accessibilityinsights.io/>
3. <https://wave.webaim.org/extension/>
4. <https://siteimprove.com/en-us/core-platform/integrations/browser-extensions/>
5. **Code Academy:** [Learn HTML](#) and [Learn CSS](#)
6. **HTML Dog:** [HTML Beginner Tutorial](#) and [CSS Beginner Tutorial](#)



Sources

1. <https://alphagov.github.io/accessibility-tool-audit/>
2. <https://alphagov.github.io/accessibility-tool-audit/results.html>
3. <https://webaim.org/projects/million/update> under “WCAG Conformance”
4. <https://webaim.org/projects/million/> under “Errors and Error Density”

