

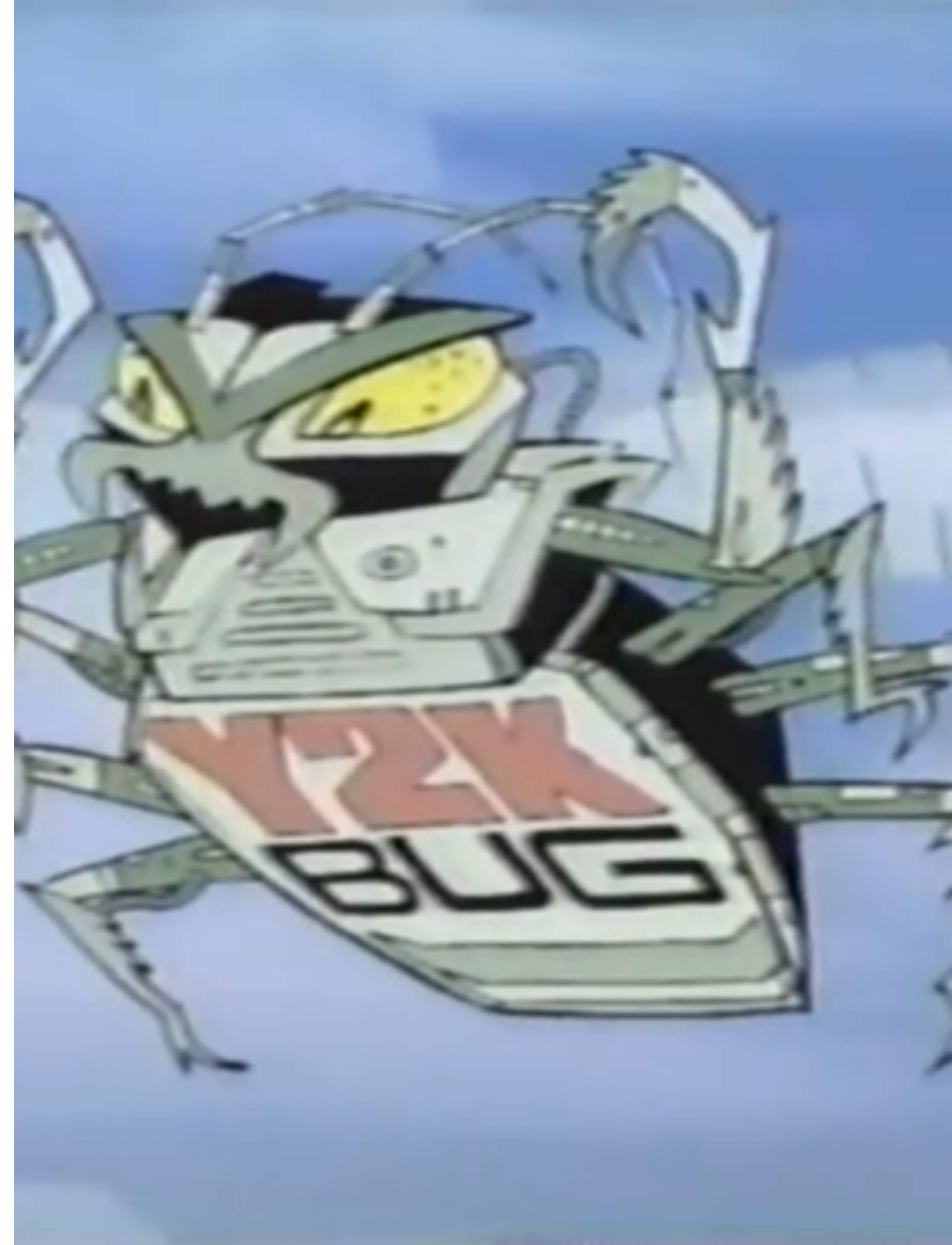
The Internet is for Everyone

Slides available at kattow.dev/speaking

This is not an original title.

**It originally belonged to Vint Cerf's
The Internet is for Everyone**

**We've come a
long way**



Tech should work for everyone



**We have no idea
what we're doing**



What is disability?

Who might be disabled?

Why is this a big deal?

How to get started?

Where to go next?

The speaker

Is a web developer

Is not an expert

 @akattow

 /in/kattow/

 hello@kattow.dev

The language

Person-first or identity-first?

ally = accessibility

What is disability?

The medical model



The social model



Poor design disables users.

Good design enables all users.

Who is disabled?

Vision

Mobility

Speech

Hearing

Cognition

Neural

Examples of disabled users

Vision: Cataracts, color blindness, full or partial blindness

Mobility: Broken wrist, repetitive stress injury, spinal cord injury

Speech: Sore throat, noisy location, unable to speak

Hearing: Ear infection, noisy location, deaf or hard of hearing

Cognition: Sleep-deprived, learning disabilities

Neural: Anxiety, depression, PTSD

Why is this important?

85.3 million

2014 survey from the Social Security Administration (SSA)

27% vs. 2%

Are you still supporting Internet Explorer?

**In the past few years, the United States
has seen a massive uptick in web
accessibility lawsuits**

[The National Law Review - When Good Sites Go Bad](#)

What you'll want to do



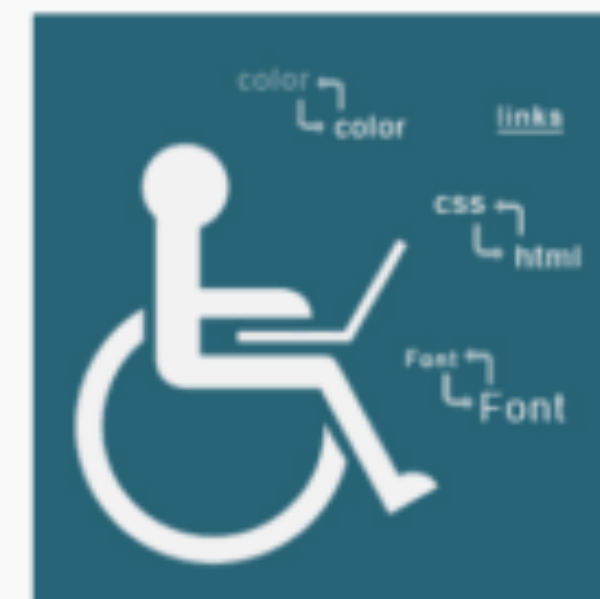
One Click Accessibility

★★★★★ (17)

The One Click Accessibility plugin is the fastest plugin to help you make your website...

One Click Accessibility

20,000+ active installations  Tested with 5.3.2



WP Accessibility Helper (WAH)

★★★★★ (48)

Web accessibility refers to the inclusive practice of removing barriers that prevent interaction with, or...

Alex Volkov

10,000+ active installations  Tested with 5.3.2

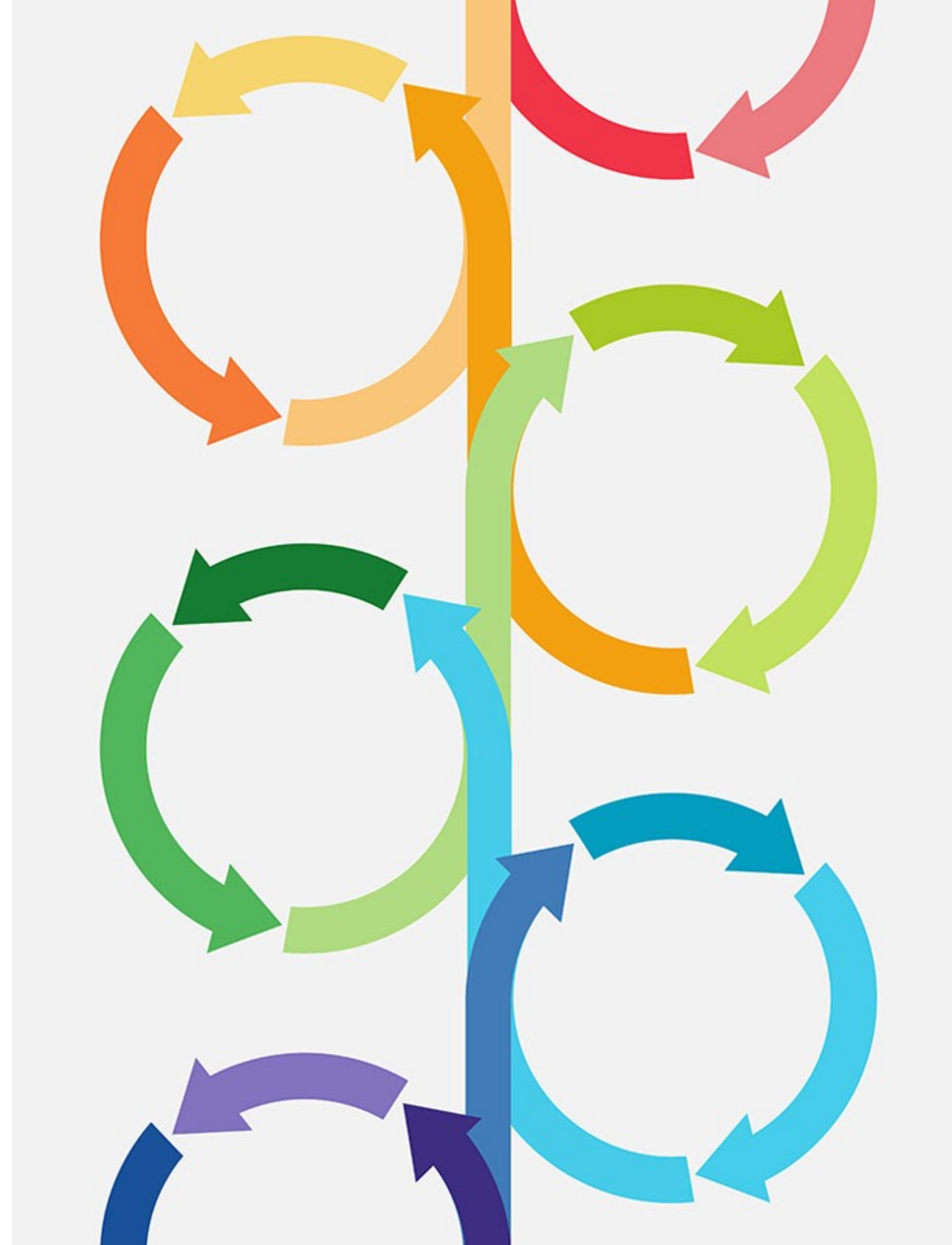
What you should actually do

Validate

Check

Test

Iterate



How to get started

Critical Paths & Common Problems

Readable text

Meet or beat minimum contrast thresholds

Use more than just color

Ensure text is resizable

Text alternatives

```
alt="a golden retriever uses a computer"
```

```
alt=""
```

```
cute_dog_102919_prod_final2.jpg
```

Links, buttons, & semantic HTML

```
<button aria-label="high  
five me">👏👏</button>
```

```
<a href="#">click here</a>
```

Label those forms

```
<label for="fname">First  
name</label>  
<input type="text"  
id="fname" name="fname" />
```

```
<input type="text"  
placeholder="First name" />
```

Maintain focus

What is your name?

What is your name?



Be chill



Detecting issues

Linting

[pally](#)

[eslint-plugin-jsx-a11y](#)

Automated tests

axe

WAVE

unit, integration, e2e

Tab testing

Be able to reach every interactive element on the page (links, buttons, form elements, etc.)

Be able to visually see which element is in focus

The order in which you reach elements should make sense

Content analysis

~~Click here~~

Hemmingway

Grammarly

Screen reader testing

Desktop:

NVDA + Firefox or Chrome (Windows)

JAWS + Chrome (Windows)

VoiceOver + Safari

Mobile:

VoiceOver + mobile Safari (iOS)

Talkback + mobile Chrome (Android)

User testing

Test & remediate first

Gain confidence that your product works for diverse users

More important the more complex your product is

Where to go next

You can do it.

Thank you!

General resources

[WCAG](#)

[Web Accessibility Initiative at W3C](#)

[WebAIM](#)

[Current State of International Accessibility Standards](#)

[Tools and Techniques](#)

[The Ally Project](#)

[Accessibility for Teams](#)



Design resources

[Microsoft Inclusive Design Toolkit](#)

[Inclusive Design Principles](#)

[Designing For Accessibility And Inclusion](#)

Browser testing

WAVE

axe

Lighthouse

Screen readers

[NVDA](#) + Firefox or Chrome (Windows)

[JAWS](#) + Chrome (Windows)

[VoiceOver](#) + Safari

[VoiceOver](#) + mobile Safari (iOS)

[Talkback](#) + mobile Chrome (Android)

[WebAIM Screen Reader Survey #8 \(2019\)](#)

[SR keyboard shortcut cheatsheets](#)

Courses

[Web Accessibility by Google](#) - free

[W3 Web Accessibility](#) - free for a few weeks

[Deque University](#) - paid

On plugins

[Honor the ADA: Avoid Web Accessibility Quick-Fix Overlays](#)

[Web Accessibility Overlays Don't Work](#)

[Toolbar Plugins/Widgets for Website Accessibility Aren't ADA/508 Compliant](#)

[Overlays are not the solution to your accessibility problem](#)