

(Accessibility)

Ready, set, go!



bit.ly/accessibilityready

bit.ly/dsaat

💡 **Most important thing**

Use an "Accessibility Ready" document!

- It helps the design system team
- It helps the people who use the design system

Hello there! 🖐️

Steve Barnett, naga.co.za



Digital Accessibility Consultant, Intopia

FED since 2005, a11y in job title since 2021

We'll focus on

- **Web**, not mobile apps
- **Components of a DS**, not the surrounding bits
- **Development**, not Design

Metagenda

1.  Short presentation: overview, trimmed version (you are here)
2.  Discussion: dig at the full version

Best question wins a 12 month All Access Pass for Intopia Learn

Get full access to Intopia Learn online courses -
plus instant access to any new courses as they're
released!

Unlock over \$1200 worth of content for just \$385 -
\$40 AUD a year or \$40 AUD a month (GST incl.).

Annual Subscription \$385 AUD
(GST incl.)

Monthly Subscription \$40 AUD
(GST incl.)





Context

- Design System team of a11y-mature devs
- Doing good work already, but ad hoc
- Docs for consumers not great

A good "Accessibility Ready" document

- helpful (improve, support)
- wide status (practical, pragmatic) ▶▶
- short (outline, sketch) ▶▶
- plain language (clear, easy, digestible)

(Slightly) aspirational

- Not just what they do now
- Achievable, but takes work
- This was the team's idea 🥰

Discussion at the end, but:
**any small questions about
good or aspirational?** 🙋

Why Accessibility Ready as a "wide status"?

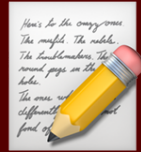
- Ensure high level of accessibility
- But/and allow for releasing fairly timeously
- But/and allow for improvements (now or later)

§ “Accessibility Ready” Status

(The team call it "WCAG 2.2 AA+" 🧐)

1. Minimum requirements
for a component to be released
as “Accessibility Ready”

2. Additional internal requirements
for a component to meet our standards



Note: Consumers only see "Accessibility Ready".
Updates maintain or improve the accessibility.

Discussion at the end, but:
**any small questions about
minimum, additional, or wide status?** 🙋

1. Minimum requirements

Automated tests all pass

Manual tests all pass,
across our Supported Assistive Technology 

All WCAG 2.2 Level AA Success Criteria are met

No High Severity usability issues exist

Clear and concise **documentation** is present

- An **Accessibility Specialist** has confirmed
- all WCAG 2.2 Level AA Success Criteria met
 - no High Severity usability issues

2. Additional internal requirements

The following **Level AAA SC** are met:

- 1.4.6 Contrast (Enhanced) (7 : 1)
- 2.4.13 Focus Appearance (2px, 3 : 1)
- 2.5.5 Target Size (Enhanced) (44px)


Any Medium or Low Severity usability issues are
resolved or prioritised

(Things found in the Accessibility Specialist's
mini-audit)



Discussion at the end, but:
**any small questions about
minimum and additional for now?** 🙋

 Why "short"?
(a.k.a. "More info on another page ")

- Just enough detail
- Good RUX () and FTUX
- Short enough that people read it (and use it!)

§ Supported Assistive Technology

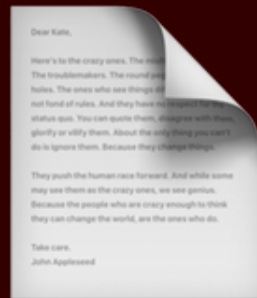
Desktop screen readers

- JAWS on Windows
- NVDA on Windows
- VoiceOver on macOS

Mobile screen readers

- VoiceOver on iOS
- TalkBack on Android

Contrast themes on Windows



Supported

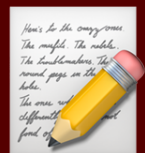
Assistive Technology

Desktop screen readers

1. JAWS (current-2) with Chrome on Windows
2. NVDA with Firefox on Windows
3. VoiceOver with Safari on macOS

Mobile screen readers

1. VoiceOver with Safari on iOS
2. TalkBack on Android (any version)



Note: install TalkBack on Samsung devices

Testing goals for a component

- Test well and thoroughly, but not exhaustively
- Don't find the same errors repeatedly
- Anecdotal implies most problems are basic

Discussion in a moment, but:
**any small questions about
Supported AT for now?** 🙋

Under construction

- How's "Accessibility Ready" working out?
- Who's driving it? (classic consultant problem)

💡 **Most important thing**

Use an "Accessibility Ready" document!

- It helps the design system team
- It helps people who use the design system

Thank you! 🙏

bit.ly/accessibilityready

bit.ly/dsaat