

Oh my GAAD!

(The wide world of accessibility)

Agenda

1. What is GAAD?

2. Why is GAAD important?

3. How can we make the world
a better place?

Who am I? 🖐️

Steve Barnett

FED (and UX) person

Accessibility at Totara Learning

naga.co.za

Agenda

👉 1. What is GAAD?

2. Why is GAAD important?

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a better place?

GAAD?

Global Accessibility Awareness Day!

Third Thursday of each May

(since 2011)

What is Global Accessibility
Awareness Day for?

Question

What is Global Accessibility
Awareness Day for?

**Talking, thinking, and learning about
accessibility and inclusion**

(An) answer

Agenda

✓ ~~1. What is GAAD?~~

👉 2. Why is GAAD important?

3. How can we make the world
a better place?

Why is GAAD important? (1 of 3)

How many people in the world have disabilities?

(World population is about 8 billion)

Question

How many people in the world have disabilities?

(World population is about 8 billion)

**About 1 billion have
(at least one) disability**

(An) answer

How many people in Aotearoa
New Zealand have disabilities?
(Population is about 5 million)

Question

How many people in Aotearoa
New Zealand have disabilities?
(Population is about 5 million)

**About 1 million have
(at least one) disability**

(An) answer

Why is GAAD important? (1 of 3)

**There are many people with
disabilities in the world**

Why is GAAD important? (2 of 3)

Social model of disability

Disability = Ability + Barrier

Disability is a spectrum,
not a binary

Many types of disability, for example:

Auditory

Cognitive

Physical

Visual

Raise a hand 🙋 / nod your head 🙇

if you or someone you know is:

blind

(Gentle!) activity

Raise a hand 🙋 / nod your head 🙇

if you or someone you know has:

low vision or poor eyesight

(perhaps from old age)

(Gentle!) activity

Raise a hand  / nod your head 

if you or someone you know is:

colour blind

(Gentle!) activity

Raise a hand 🙋 / nod your head 🙄

if you or someone you know has:

been outside on a sunny day

with a shiny screen

(Gentle!) activity

Why is GAAD important? (2 of 3)

**Accessibility affects me, you,
and many people we know
(Oh, and our customers)**

Why is GAAD important? (3 of 3)

Almost every home page has some
accessibility problems

WebAIM Million

98% of home pages have
at least one problem

About 60 errors per home page

Why is GAAD important? (3 of 3)

**Lots of web pages have lots of
accessibility errors**

Agenda

✓ ~~1. What is GAAD?~~

✓ ~~2. Why is GAAD important?~~

(many people, many errors)

👉 3. How can we make the world
a better place?

Use WebAIM Million as a guide

A. Check for **errors**

B. Check for **meaningful text context**

A. Check for errors (what)

Missing link text or button text

Why might link text or button text
be missing?

Why might it be a problem?

Question

Why might link text or button text be missing?

When links or buttons are images

Why might it be a problem?

You can't tell what it is / does!

(An) answer

A. Check for errors (what)

Missing **labels** for form fields

Why might missing labels
be a problem?

Question

Why might missing labels
be a problem?

You can't tell what it is!

"What is this? Username? Password?"

(An) answer

A. Check for errors (what)

Missing alt text for images

Why might missing alt text
be a problem?

Question

Why might missing alt text
be a problem?

You can't tell what it is!

**Bonus points: if the image is inside a
link or button, it has no name!**

(An) answer

A. Check for errors (what)

Low colour contrast

Why might low colour contrast
be a problem?

Question

Why might low colour contrast
be a problem?

If you can't see it, you can't read it!

(An) answer

A. Check for errors (how)

Use an automated tool:

run Deque's **axe browser extension**

B. Check for meaningful text context (what)

Links with “click here”

Why might "click here" as link text
be a problem?

Question

Why might "click here" as link text
be a problem?

Doesn't make sense out of context

"Where does this link go?"

(An) answer

B. Check for meaningful text context (what)

Buttons with generic “submit” text

Why might "submit" as button text
be a problem?

Question

Why might "submit" as button text
be a problem?

Bad UX for everyone

"What does this button do?"

(An) answer

B. Check for meaningful text context (what)

Alt text of “image.jpg”

Why might "image.jpg" as alt text
be a problem?

Question

Why might "image.jpg" as alt text
be a problem?

**You don't get the same meaning as
the image**

(An) answer

B. Check for meaningful text context (how)

Use a screen reader 🧐

Run TPGi's ARC Toolkit Chrome extension: manually check links, buttons, and images

Agenda

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a better place?~~

(run some tools, fix some bugs!)

Recap 🥲

- ✓ 1. What is GAAD?
- ✓ 2. Why is GAAD important?
- ✓ 3. How can we make the world a better place?

Handy links

<https://globalaccessibilityawarenessday.org/>

[https://www.stats.govt.nz/information-releases/
disability-survey-2013](https://www.stats.govt.nz/information-releases/disability-survey-2013)

<https://webaim.org/projects/million/>

<https://www.deque.com/axe/>

<https://www.tpgi.com/arc-platform/arc-toolkit/>

Thanks! 🙏