

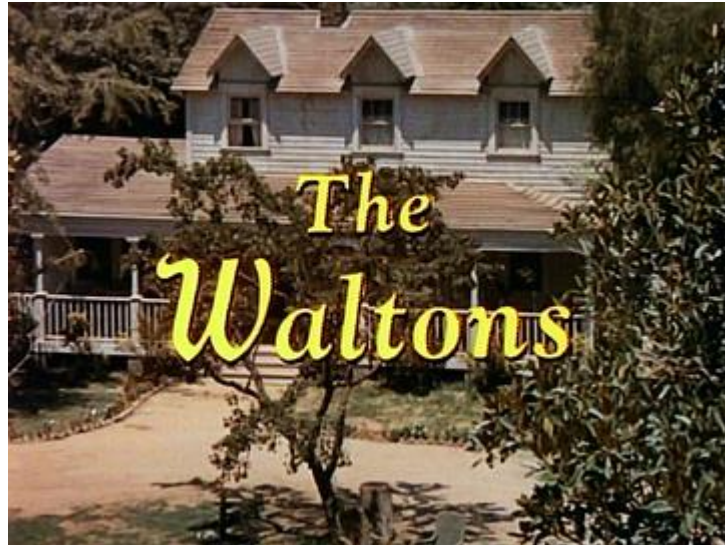
Introducing accessibility in 2023: a repository / CRIS perspective

euroCRIS webinar on web accessibility 16 Oct 2023

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<https://purl.org/g3om4c>

Web Accessibility Initiative (WAI) & WCAG 1.0

No proliferation of user devices!

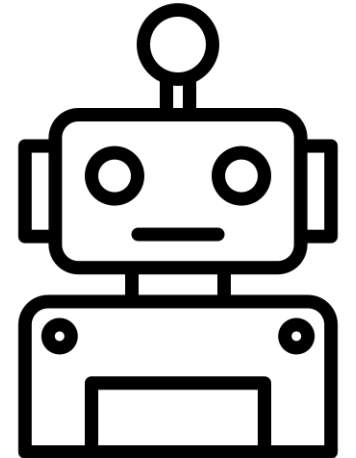


W3C HTML 4.0 compliance

[Bobby](#)

2023

- Few websites / apps can claim 100% accessibility
 - 100% impossible to achieve...?
- Ethos towards making services ‘more accessible’
- For repositories...
 - Heavy lifting: technical & socio-technical
 - But BIG wins beyond human accessibility



European perspective

- Significant change within EU/EEA

- [EU Web Accessibility Directive](#)
- ‘Directive (EU) 2016/2102’ - [summary](#)

- Public sector websites and mobile applications

- Encompasses most (all?!) repositories
- Other services in repository orbit...

- Enshrined in local jurisdictions, e.g. [UK](#)

European pe

• Significant change within EU

- [EU Web Accessibility Directive](#)
- ‘Directive (EU) 2016/2102’ - [summa](#)

• Public sector websites and m

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The screenshot displays the UK Legislation website interface. At the top, the Royal Coat of Arms and the URL 'legislation.gov.uk' are visible, along with a 'delivered by' section containing 'THE NATIONAL ARCHIVES' and the Welsh word 'Cymraeg'. The navigation bar includes links for 'Home', 'Browse Legislation', 'New Legislation', 'Coronavirus Legislation', and 'Changes To Legislation', along with a search box. The main content area shows the title 'The Public Sector Bodies (Websites and Mobile Applications) Accessibility Regulations 2018' and a breadcrumb trail: 'UK Statutory Instruments > 2018 No. 852 > Table of contents'. Below this, there are tabs for 'Table of Contents', 'Content', 'Explanatory Memorandum', and 'More Resources'. A 'What Version' section offers options for 'Latest available (Revised)' and 'Original (As made)'. The 'Table of Contents' is expanded to show a list of sections: 'Introductory Text', 'PART 1 General' (with sub-sections 1-3), 'PART 2 Obligations for public sector bodies' (with sub-sections 4-7), 'PART 3 Presumed conformity' (with sub-section 8), 'PART 4 Monitoring and reporting' (with sub-section 9), and 'PART 5 Enforcement' (with sub-sections 10-13). The page also includes a 'Signature' section, 'SCHEDULE Reporting requirements', and an 'Explanatory Note' link.

EU Web Accessibility Directive

• Directive expectations

- Content to be ‘perceivable, operable, understandable and robust’
 - [4 Principles of WCAG](#)
- Reducing barriers for persons with disabilities (and developers)

• Technical expectations

- Web Content Accessibility Guidelines (WCAG) – always evolving
- BUT directive goes beyond WCAG
- Accessibility statements, feedback mechanism for users, monitoring of compliance by local bodies / member states

Relevant exemptions

• Directive exemptions

- There are many – worth checking!
- ‘Office file formats’ published prior to September 2018
 - *Łukasz, Michał, Antoni – PDF documents*
 - *Unique challenges...*
- ‘Archive’ definitions surrounding website content
- ‘Heritage collections’

WCAG Principle 1 & 2

.Perceivable

- Serving text alternatives (see: Web Accessibility Initiative – Accessible Rich Internet Applications (WAI-ARIA))
- Adaptability of content (meaningful sequence, repurpose, etc.)
- Distinguish (colour, contrast, resizing text)

.Operable

- Keyboard accessible
- Easily navigable (pages properly structured, obvious link purposes, skip blocks, etc.)

WCAG Principle 3 & 4

.Understandable

- Readable (think: language used, abbreviations)
- Input assistance (e.g. error identification / prevention, help, etc.)

.Robust

- The easiest principle from a repository front-end perspective?
- Well formed mark-up, CSS, etc.

Where to start?

- Understand the WCAG principles
- Repository evaluation and corrective actions
 - [WAVE Web Accessibility Evaluation Tools](#)
 - Browser plugin alongside code inspection
 - Not a panacea – only helps to solve UI; **not** documents
- Consider accessibility statement afterwards
 - Accessibility an on-going process
 - Remember: 100% unachievable



Login

Accessibility statement for Strathprints - University of Strathclyde

Quick search

Advanced search -- Help

Skip to content...

- [Accessibility overview](#)
- [How accessible this website is](#)
- [What to do if you can't access parts of website](#)
- [Reporting accessibility problems with website](#)
- [Enforcement procedure](#)
- [Technical information about this website's accessibility*](#)
- [Non-accessible content](#)
- [How we test our website](#)
- [What we are doing to make our website more accessible](#)

Strathprints accessibility overview

Strathprints (hereafter referred to as 'website') is run by the University of Strathclyde. We want as many people as possible to be able to use this website. For example, that means you should be able to:

- change colours, contrast levels and fonts.
- zoom in up to 300% without the text spilling off the screen.
- navigate most of the website using just a keyboard.
- navigate most of the website using speech recognition software.
- listen to most of the website using a screen reader (including the most recent versions of JAWS, NVDA and VoiceOver).

We have also made the text in the website as simple as possible to understand and have implemented additional accessibility features where possible.

How accessible this website is

We intend to continue our efforts to improve the accessibility and will implement updates to the website as they become possible. We are nevertheless aware that there is content served by this website which is not accessible:

- The website makes available many PDF documents which are not fully accessible to screen reader software and demonstrate other accessibility issues.

Save Page As...

Save Page to Pocket

Send Page to Device

Select All

Take Screenshot

View Page Source

Inspect Accessibility Properties

Inspect (Q)

WAVE this page

Zotero Connector

- [Strathprints - home](#)
- [Latest deposits](#)
- [Atom](#) [RSS 1.0](#) [RSS 2.0](#)
- [About Strathprints](#)
- [Open Access @ Strathclyde](#)
- [Usage statistics](#)

Data policies

- [Accessibility](#)
- [Privacy](#)
- [Metadata & content](#)
- [Notice & take down](#)

Save Page As...

Save Page to Pocket

Send Page to Device

Select All

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Inspect Accessibility Properties

Inspect (Q)

WAVE this page

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Quick search

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Explore Strath

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Styles: OFF ON

Summary

Summary Details Reference Order Structure Contrast

0

Errors

28

Contrast Errors

2

Alerts

14

Features

27

Structural Elements

11

ARIA

View details >



Picture of small jelly fish in ocean

Login

Browse by Author or creator

A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z

A...



- Aatkar, Arron (2)
- Abad, Farhad (10)
- Abbas, Abdelaziz Yousif Mohamed (3)
- Abbas, Faisal (7)
- Abbas, Muhammad (2)
- Abbott, Grainne (10)
- Abdalla, Fatin (1)



- Alestad, Jeehan H B H B (1)
- Alexander, Alexnewton (1)
- Alexander, James (73)
- Alexander, Kirsty (3)
- Alexander, Matthew (78)
- Alexander, Steven Wilson (2)
- Alexander, Wendy (2)



- Anderson, Dani (1)
- Anderson, David (2)
- Anderson, David (1)
- Anderson, Debbie Elizabeth (4)
- Anderson, Ethel (2)
- Anderson, Gillian Hopkins (16)
- Anderson, Greg Murray (3)



Quick search

Enter search query...

aria-label="Search"

Advanced search -- Help



Browse research content

Thanks

- Quick questions before Łukasz...?