Issue Report

Site quality report for http://debatehubdev.kmi.open.ac.uk/index.php produced on October 29, 2024.
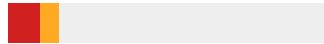
| Accessibility | | 12 pages with accessibility problems |

Accessibility

This section shows accessibility issues, indicating problems for older users, people with disabilities or accessibility needs. Automated testing cannot detect all accessibility issues, so should be used alongside human testing.

Level A

8 issues on 8 pages

🔴 Clickable controls should be keyboard accessible.

Add `tabindex=0` to allow keyboard users to tab to the control.

[WCAG 2.1 A F15](#) [Section 508 (2017) A F15](#)

[http://debatehubdev.kmi.open.ac.uk/user.php?userid=9b15348a-5194-4cf5-9da9-9582de421930](#) line 267 269 273 275 ...

🔴 Clickable controls should have an ARIA role.

Controls that respond to clicks should be given an ARIA role such as `role=button` or `role=link` . `div` `span` and `a` elements without an `href` attribute have no semantic role.

[WCAG 2.1 A F54](#) [Section 508 (2017) A F54](#)

[http://debatehubdev.kmi.open.ac.uk/user.php?userid=9b15348a-5194-4cf5-9da9-9582de421930](#) line 267 269 273 275 ...

🔴 Elements with `role=tablist` must contain or own an element with `role=tab` and must not contain elements with other roles.

[HTML5](#) [ARIA 1.2](#) [WCAG 2.1 A 1.3.1](#) [Section 508 (2017) A 1.3.1](#)

Owned roles: `link` [http://debatehubdev.kmi.open.ac.uk/](#) line 121

Owned roles: `link` [http://debatehubdev.kmi.open.ac.uk/index.php](#) line 151

🔴 Identify row and column headers in data tables using `th` elements, and mark layout tables with `role=presentation` .

Data tables allow screen reader users to understand column and row relationships. Layout tables read cells as a series of unrelated paragraphs with no tabular structure. Without `th` or `role` , screen readers apply heuristics to decide whether a table is a layout table or data table. These heuristics vary greatly between screen readers, and are affected by browser being used, window size, and font size (so the outcome is very unpredictable without `th` or `role`). If a data table has headers marked up using `td` , then change these to `th` . If a data table has no headers, add `th` elements describing

each row and/or column. If the table is only used for layout add `role=presentation` to the `table` element.
• JAWS   Reading: Treats tables without th and role as layout tables if the table contains cells above or below certain pixel sizes. This measurement is affected by browser window size, browser font size, and the browser used.
• NVDA   Reading: Applies a layout table heuristic to tables without th and role which varies depending on the browser used and on the window size in some circumstances.
• VoiceOver   Reading: Uses a sophisticated heuristic on tables without th and role, which is similar (but not identical) to the heuristic used by NVDA with Firefox.

[WCAG 2.1 A F91](#) [Section 508 (2017) A F91](#)

[http://debatehubdev.kmi.open.ac.uk/user.php?userid=9b15348a-5194-4cf5-9da9-9582de421930](#) line 203 226 245

🔴 `iframe` and `frame` elements must have a `title` attribute.

Add a `title` attribute or ARIA label to each `iframe` and `frame` element (e.g. `title='Main Content'`). Without a title some screen readers read out the frame filename, which is usually meaningless.
• VoiceOver macOS 13.6 Safari 16.6 macOS 13.6.0 Reading: Meaningless frame title read out.
• VoiceOver macOS 12.5 Safari 15.6 macOS 12.5.1 Reading: Meaningless frame title read out.
• VoiceOver macOS 11.5 Safari 15.0 macOS 11.5.2 Reading: Meaningless frame title read out.

[WCAG 2.1 A 4.1.2](#) [Section 508 (2017) A 4.1.2](#)

[http://debatehubdev.kmi.open.ac.uk/](#) line 360

[http://debatehubdev.kmi.open.ac.uk/index.php](#) line 375

🔴 Some pages have the same `title` , so the title cannot be used to distinguish pages.

Change the `title` elements so they are unique for each page.

[WCAG 2.1 A F25](#) [Section 508 (2017) A F25](#)

'Debate Hub' is used on [http://debatehubdev.kmi.open.ac.uk/index.php](#) and [http://debatehubdev.kmi.open.ac.uk/ui/pages/changepassword.php](#) line 9

'Debate Hub' is used on [http://debatehubdev.kmi.open.ac.uk/index.php](#) and [http://debatehubdev.kmi.open.ac.uk/ui/pages/help.php](#) line 8

'Debate Hub' is used on [http://debatehubdev.kmi.open.ac.uk/index.php](#) and [http://debatehubdev.kmi.open.ac.uk/ui/pages/privacy.php](#) line 9

'Debate Hub' is used on [http://debatehubdev.kmi.open.ac.uk/index.php](#) and [http://debatehubdev.kmi.open.ac.uk/ui/pages/releases.php](#) line 8

'Debate Hub' is used on http://debatehubdev.kmi.open.ac.uk/index.php and http://debatehubdev.kmi.open.ac.uk/user.php?userid=9b15348a-5194-4cf5-9da9-9582de421930 line 8

🔴 This element uses JavaScript to behave like a link. Links like this cannot be tabbed to from the keyboard and are not read out when screen readers list the links on a page.

Use an `a` or `area` element with a fallback link target in the `href` attribute, to ensure it receive keyboard focus and behaves like a link.

[WCAG 2.1 A F42](#) [Section 508 (2017) A F42](#)

http://debatehubdev.kmi.open.ac.uk/ line 404

http://debatehubdev.kmi.open.ac.uk/index.php line 412

http://debatehubdev.kmi.open.ac.uk/user.php?userid=9b15348a-5194-4cf5-9da9-9582de421930 line 296 333 361 393 ...

🔴 Use semantic markup like `strong` instead of using the CSS `font-weight` property.

Use the `strong` element instead of the `span` element for bold text.

[WCAG 2.1 A F2](#) [Section 508 (2017) A F2](#)

http://debatehubdev.kmi.open.ac.uk/ui/pages/changepassword.php line 74 80 87 93

http://debatehubdev.kmi.open.ac.uk/ui/pages/profile.php line 145 174

Level AA

2 issues on 12 pages

🟠 Provide two or more ways to reach each page: via links, search, a site map or table of contents.

You should provide a link labeled 'Site Map' or 'Sitemap' or the equivalent in your language, or a search option on every page, or links to all pages from the home page.

[WCAG 2.1 AA 2.4.5](#) [Section 508 (2017) AA 2.4.5](#)

http://debatehubdev.kmi.open.ac.uk/ui/pages/about.php line 1

http://debatehubdev.kmi.open.ac.uk/ui/pages/changepassword.php line 1

http://debatehubdev.kmi.open.ac.uk/ui/pages/conditionsofuse.php line 1

http://debatehubdev.kmi.open.ac.uk/ui/pages/cookies.php line 1

http://debatehubdev.kmi.open.ac.uk/ui/pages/privacy.php line 1

🟠 The CSS outline or border style on this element makes it difficult or impossible to see the link focus outline.

Do not remove the default outline style, and change any border styles to avoid obscuring the focus outline around focusable elements. See :focus-visiblefor more information.
• Chrome (obscures the focus indicator on links, buttons, dropdowns and range controls)
• Firefox (obscures the focus indicator on links)

[WCAG 2.1 AA F78](#) [Section 508 (2017) AA F78](#)

`:focus` and `:not(:focus)` have same outline: [http://debatehubdev.kmi.open.ac.uk/](#) line 103

`:focus` and `:not(:focus)` have same outline: [http://debatehubdev.kmi.open.ac.uk/index.php](#) line 122

`:focus` and `:not(:focus)` have same outline: [http://debatehubdev.kmi.open.ac.uk/ui/pages/help.php](#) line 103

`:focus` and `:not(:focus)` have same outline: [http://debatehubdev.kmi.open.ac.uk/ui/pages/profile.php](#) line 103

`:focus` and `:not(:focus)` have same outline: [http://debatehubdev.kmi.open.ac.uk/ui/pages/releases.php](#) line 103

`:focus` and `:not(:focus)` have same outline: [http://debatehubdev.kmi.open.ac.uk/ui/stats/](#) line 106

`:focus` and `:not(:focus)` have same outline: `:focus` and `:not(:focus)` have same outline: `:focus` and `:not(:focus)` have same outline: `:focus` and `:not(:focus)` have same outline: `:focus` and `:not(:focus)` have same outline: [http://debatehubdev.kmi.open.ac.uk/user.php?userid=9b15348a-5194-4cf5-9da9-9582de421930](#) line 290 323 387 419 ...

Level AAA

3 issues on 12 pages

🟠 Avoid specifying a new window as the target of a link with `target=_blank` .

Displaying new windows without warning can be very confusing to non-sighted and mobile users. Some screen readers and mobile devices give very little indication a new tab or window has opened. If you cannot avoid displaying a new window, insert an "opens in a new window" warning into the link text or add the warning to the link using a `title` attribute or `aria-describedby` attribute.

[WCAG 2.1 AAA F22](#)

[http://debatehubdev.kmi.open.ac.uk/ui/pages/privacy.php](#) line 120

⬤ Clickable targets must be at least 44 by 44 CSS pixels.

WCAG 2.1 2.5.5

81 x 24 http://debatehubdev.kmi.open.ac.uk/ line 484

81 x 24 http://debatehubdev.kmi.open.ac.uk/index.php line 480

81 x 24 http://debatehubdev.kmi.open.ac.uk/ui/pages/about.php line 92

81 x 24 http://debatehubdev.kmi.open.ac.uk/ui/pages/changepassword.php line 130

81 x 24 http://debatehubdev.kmi.open.ac.uk/ui/pages/conditionsofuse.php line 98

81 x 24 http://debatehubdev.kmi.open.ac.uk/ui/pages/cookies.php line 96

81 x 24 http://debatehubdev.kmi.open.ac.uk/ui/pages/help.php line 190

81 x 24 http://debatehubdev.kmi.open.ac.uk/ui/pages/privacy.php line 155

81 x 24 http://debatehubdev.kmi.open.ac.uk/ui/pages/profile.php line 219

81 x 24 http://debatehubdev.kmi.open.ac.uk/ui/pages/releases.php line 227

81 x 24 http://debatehubdev.kmi.open.ac.uk/ui/stats/ line 234

81 x 24 http://debatehubdev.kmi.open.ac.uk/user.php?userid=9b15348a-5194-4cf5-9da9-9582de421930 line 497

⬤ Ensure that text and background colors have a 7:1 contrast ratio.

• The contrast ratio should be 4.5 or more for 18 point text, or larger
• The contrast ratio should be 4.5 or more for 14 point bold text, or larger
• The contrast ratio should be 7.0 or more for all other text

WCAG 2.1 AAA 1.4.6

The text color to background color contrast ratio after composition is: with `color: rgb(105,105,105)` `background: rgb(255,255,255)` `font-size: 10.80pt` `font-weight: 400` with `color: rgb(105,105,105)` `background: rgb(255,255,255)` `font-size: 10.80pt` `font-weight: 700` with `color: rgb(105,105,105)` `background: rgb(248,249,250)` `font-size: 9.60pt` `font-weight: 400` with `color: rgb(105,105,105)` `background: rgb(255,255,255)` `font-size: 13.20pt` `font-weight: 500` with `color: rgb(105,105,105)` `background: rgb(255,255,255)` `font-size: 13.20pt` `font-weight: 500` http://debatehubdev.kmi.open.ac.uk/ line 301 302 359 363 471
...

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`font-weight: 700` with `color: rgb(105,105,105)` `background: rgb(255,255,255)` `font-size: 13.20pt` `font-weight: 500` with `color: rgb(105,105,105)` `background: rgb(255,255,255)` `font-size: 13.20pt` `font-weight: 500` http://debatehubdev.kmi.open.ac.uk/index.php line 329 330 374 378 ...

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`rgb(255,255,255)` `font-size: 12.96pt` `font-weight: 700` with `color: rgb(78,114,95)` `background: rgb(255,255,255)` `font-size: 12.96pt` `font-weight: 700` http://debatehubdev.kmi.open.ac.uk/ui/stats/ line 134 142 150 226 ...

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http://debatehubdev.kmi.open.ac.uk/user.php?userid=9b15348a-5194-4cf5-9da9-9582de421930 line 205 228 229 247 ...

Informative

These messages are for information only and do not indicate errors or conformance problems.

○ WCAG Success Criteria 4.1.1 is always satisfied for HTML and XML pages.

Since WCAG 2 4.1.1 was written, the HTML Standard has added requirements specifying exactly how browsers handle incomplete markup, incorrectly nested elements, duplicate attributes, and duplicate IDs. This means the "except where the specifications allow" condition in 4.1.1 is satisfied.

WCAG 2.1 4.1.1

http://debatehubdev.kmi.open.ac.uk/index.php line 1