Too much accessibility

GOOD INTENTIONS, BADLY IMPLEMENTED



A little anecdote...

Too much accessibility?

Many ways to improve accessibility:

- HTML attributes / elements
- Use of specific techniques
- Addition of helpful features
- etc

...but need to know when and where to apply them!

Too much accessibility!

Common mistakes:

- Not understanding user behaviour
- Not understanding need/reason
- Overzealous..."make it even more accessible"

Let's look at a few examples that bug me...

ALT text

WCAG 1.0, checkpoint 1.1 [P1] "Provide a text equivalent for every non-text element"

HTML 4.01

"For user agents that cannot display images, forms, or applets, this attribute specifies **alternate** text."

ALT text – the easy cases

Should already know when not to use ALT

- Bullet point images "bullet" or "blue ball"
- Spacer graphics "spacer"
- Purely decorative images

Still very much debated: what is "purely decorative"?

ALT text — being overexplicit

Information channels for: > students > staff

University of Salford search ty A-Z University of Salford
A Greater Manchester University Abc Logo, featuring the Salford lion, with the words 'University' Stu of Salford' forming a circle around it... Inte University home Alui Business Research @ Press office information study News for new students Events research order a tudent experience Faculties and Schools prospectus business what's life Support divisions at Salford really like? Jobs at Salford @ course finder How to find us Contact us visit the latest news The Sunday Times university University Guide, 2006 3 August Salford's contribution to new super-jumbo international more news M students

ALT text — being overexplicit

Information channels for: > students > staff

University of Salford search University of Salford A Greater Manchester University Abo Logo of the University of Salford - A Greater Manchester Stud University Cour Inter University home Alum Accumu Business Research @ Press office information study News for new students Events research order a student experience Faculties and Schools prospectus business what's life Support divisions at Salford really like? Jobs at Salford 2 course finder How to find us Contact us visit the latest news The Sunday Times university University Guide, 2006 3 August Salford's contribution to new super-jumbo international more news 14 students

ALT text — nothing more

Information channels for: > students > staff

University of Salford A Greater Manchester University search dyapand coarch University A-Z University of Salford University of Salford - A Greater Manchester University Abc Stuc Cou Inter University home Alur Acc Business Research @ Press office information study News for new students Events research order a student experience Faculties and Schools prospectus business what's life Support divisions at Salford really like? Jobs at Salford 2 course finder How to find us Contact us visit the latest news The Sunday Times university University Guide, 2006 3 August Salford's contribution to new super-jumbo international more news 14 students

ALT text – pitfalls

Unless the image **is** the content (e.g. design comparison of different company logos):

- ALT text is not for descriptions
- Irrelevant to prefix with "Logo...", "Photograph...", "Illustration..."

Mike Cherim: The Alt and Accessibility

TITLE attribute

WCAG 1.0, checkpoint 13.1 [P2]
"Clearly identify the target of each link"
"...content developers may further clarify the target of a link with an informative link title"

HTML 4.01

"This attribute offers **advisory** information about the element for which it is set."

TITLE attribute — stating the obvious

You are in:University home > Study at Salford



search

advanced search University A-Z



TITLE attribute — stating the obvious

You are in:University home > Study at Salford



search

advanced search University A-Z



TITLE attribute — stating the obvious

You are in:University home > Study at Salford



search

advanced search University A-Z



TITLE attribute — pitfalls

- "Link to...", "Navigate to..." useless browser/AT already identifies links
- Duplicating link text dubious SEO practice?
- Can interfere with certain AT (screen readers, magnifiers) and confuse users (e.g. Cognitive disabilities)

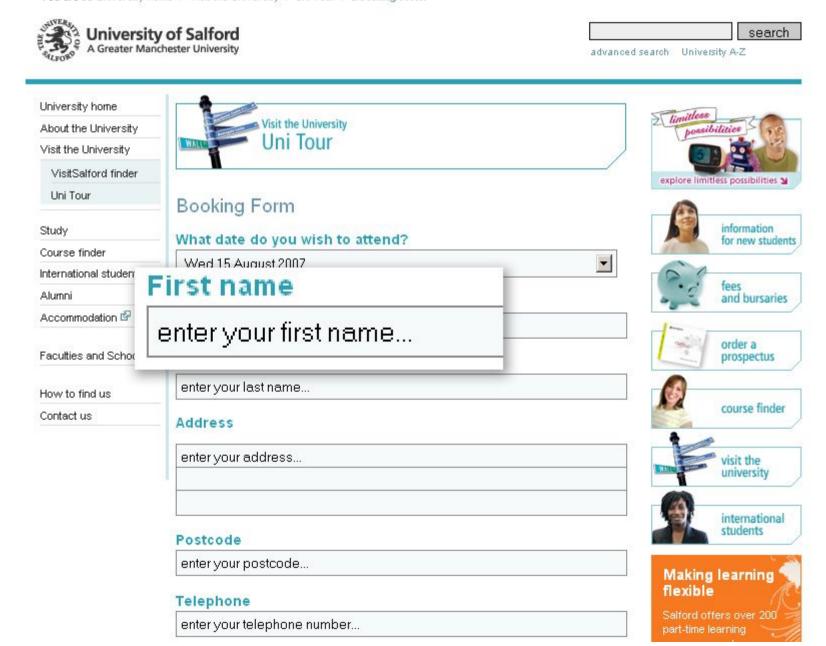
Can be useful in certain situations (e.g. making links unique — but dependent on browser/AT)

Default text in forms

WCAG 1.0, checkpoint 10.4 [P3] "Until user agents handle empty controls correctly, include default, place-holding characters in edit boxes and text areas."

Default text in forms

You are in: University home Visit the University Uni Tour Booking form



Default text in forms — pitfalls

- Outdated, as most "Until user agents..." checkpoints
- Usability issue user has to first delete placeholder
- Not suitable to replace LABEL

JavaScript to show/remove default — if you must, prepopulate with JS as well

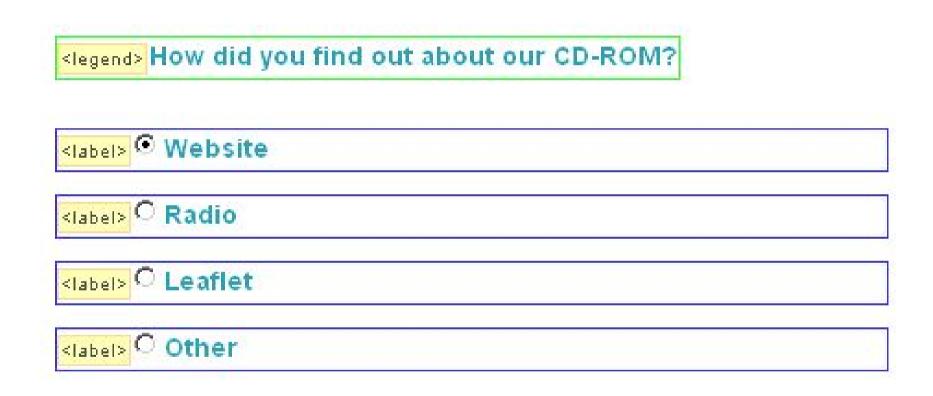
http://www.splintered.co.uk/experiments/22

FIELDSET and LEGEND

WCAG 1.0, checkpoint 12.3 [P2] "Divide large blocks of information into more manageable groups where natural and appropriate."

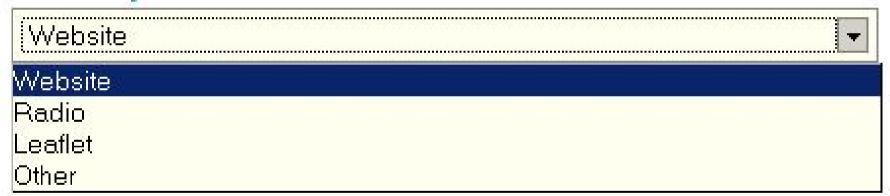
WCAG 1.0, checkpoint 12.4 [P2] "Associate labels explicitly with their controls."

FIELDSET and LEGEND



FIELDSET and LEGEND

How did you find out about our CD-ROM?



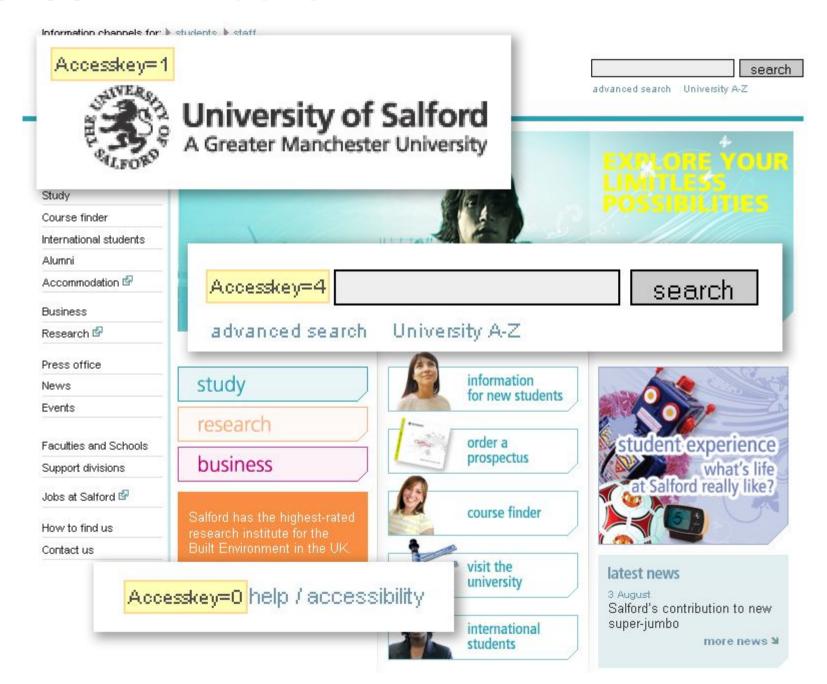
FIELDSET and LEGEND — pitfalls

- Current AT reads out LEGEND in front of each LABEL (luckily not nested)
- Keep LEGEND short
- Ensure FIELDSET is actually grouping logically
- Don't use FIELDSET and LEGEND at all cost

ACCESSKEY attribute

WCAG 1.0, checkpoint 9.5 [P3] "Provide keyboard shortcuts to important links [...], form controls, and groups of form controls."

ACCESSKEY in action



ACCESSKEY – pitfalls

- Not every link, form control, etc. is important
- Only useful if users are able to see/remember them
- Only single character
- Can conflict with browser, AT, OS (and not just English versions)

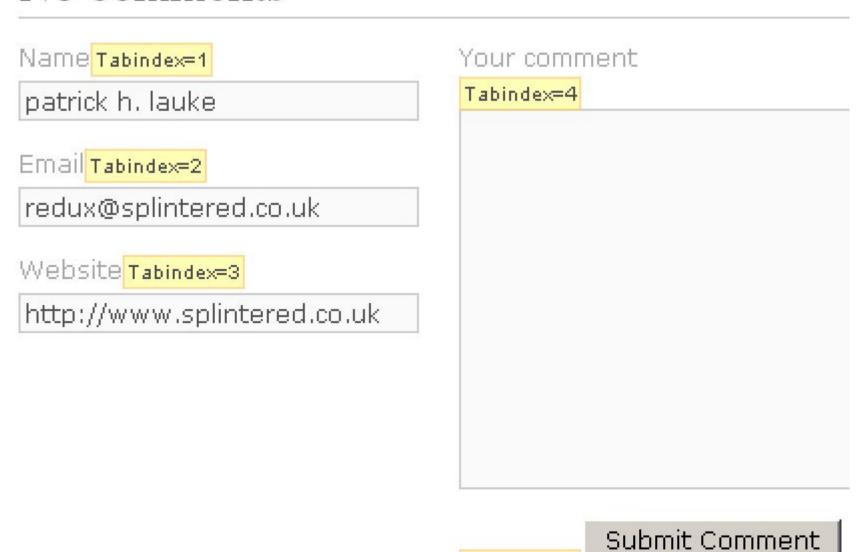
UK Government Accesskey Standard – dubious, but a starting point

TABINDEX attribute

WCAG 1.0, checkpoint 9.4 [P3] "Create a logical tab order through links, form controls, and objects."

TABINDEX attribute in Wordpress...?

No comments



Tabindex=5

TABINDEX attribute — pitfalls

- Used to be helpful in table-based layout days can now be handled via source order and CSS positioning
- TABINDEXed links/form controls always take precedence – can cause usability issue
- If visual and tab order are not matched: potential for confusion (also applicable to CSS)

Skip links

WCAG 1.0, checkpoint 13.6 [P3] "Group related links, identify the group (for user agents), and, **until user agents do so**, provide a way to bypass the group."

Skip links in action

You are in: University home About the University The city of Manchester



search

advanced search University A-Z

University home

About the University

What makes Salford special?

The city of Manchester

Entertainment

Culture

Sport

Shopping

Nightlife

The future of Salford

History of the University

£150 million investment

Corporate information (who's who)

Library 🗗

Business

Research @

Publications

Press office

News



The city of Manchester

It's simple - Manchester is one of the most exciting cities in the <u>UK</u>. And with the University of Salford only one and a half miles from the city centre, you're right on the doorstep of big-city fun, diversity and opportunity.



With its lively cosmopolitan lifestyle and vibrant city centre, Manchester has a truly European feel. Add to this the tourist attractions, galleries, museums, superb shopping opportunities and striking Victorian architecture and you get a city that has something for everyone.

All of which means there's no better place to study. Over 70,000 students choose to live in Manchester, making it the biggest student population in Europe. They're attracted by a city that lives and breathes culture - from the celebrated music scene that revolutionised British culture to the creative hub of the city's Northern Quarter.

It's the home of all things sporting too - from its two famous football clubs (Manchester United and Manchester City) to the fantastic sporting arenas built when the city hosted the 2002 Commonwealth games.

And if you fancy getting away from city's busy atmosphere, then the Victorian parks are the perfect place for lazy summer picnics and walks. There're also













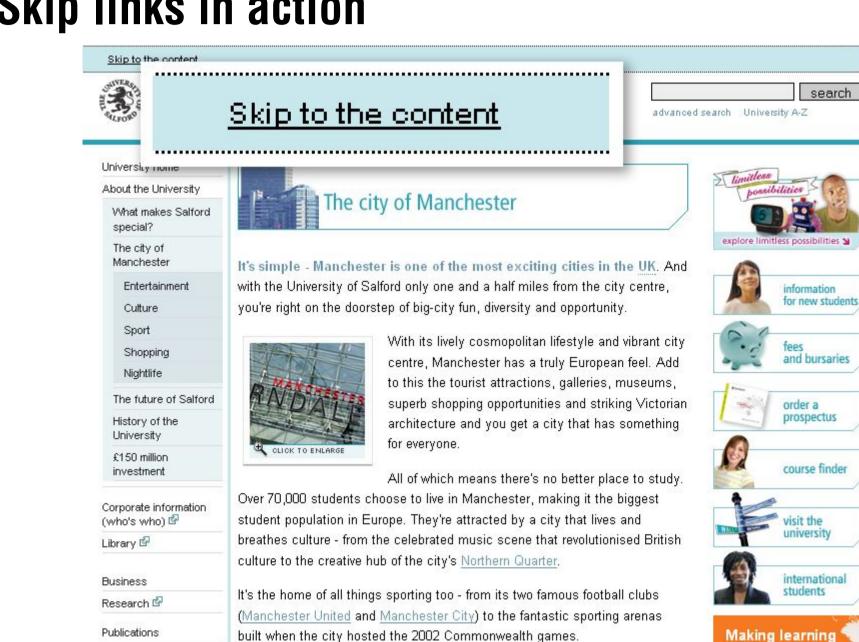




Skip links in action

Press office

News



And if you fancy getting away from city's busy atmosphere, then the Victorian

parks are the perfect place for lazy summer picnics and walks. There're also

flexible

Salford offers over 200

Skip links — more than one, and invisible...



Skip links — more than one, and invisible...

Email bulletin | Useful links | Accessibility | Site map | Contact us

<div class="skipnavigation">Skip Global
Navigation, <a href="default.aspx#skipsectionnav"
accesskey="s" class="hide">Jump to main content</div>

Education

Latest News

Service

News and Features

Live Discussion

Metropolitan Police



Employment



Health and Independent Living



Services and Transport



Accessibility Tools

- Change the site access options to meet your needs
- · Easy read pages



Ask DRC

Most Popular Question: What counts as a disability according to the law?

Information in your language

Live discussion with Commander Rod Jarman

Commander Rod Jarman of the Metropolitan Police Service is Lead for the Safer Neighbourhoods Programme. His responsibilities include Stop and Search, young people and volunteers. He is also the Association of Chief Police Officers' lead for mental health and disability. He will be answering your questions on Friday 10 August at 12.30pm. Submit your questions now.

Friday 10 August, 12.30pm

Commander Rod Jarman

How can we help you?

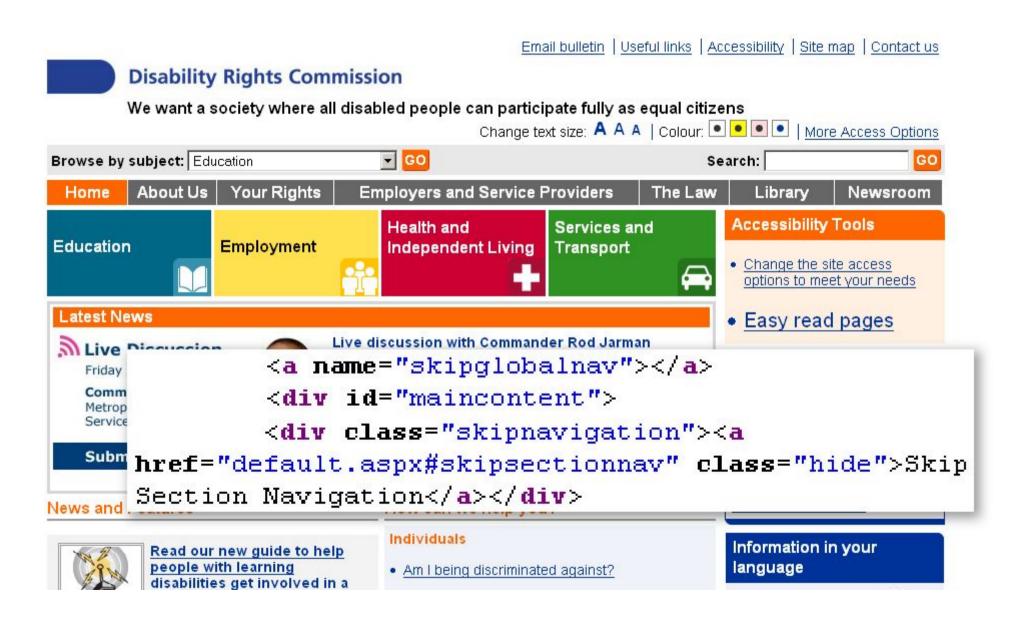
Read our new guide to help people with learning disabilities get involved in a

Submit your questions NOW

Individuals

Am I being discriminated against?

Skip links — more than one, and invisible...



Skip links — pitfalls

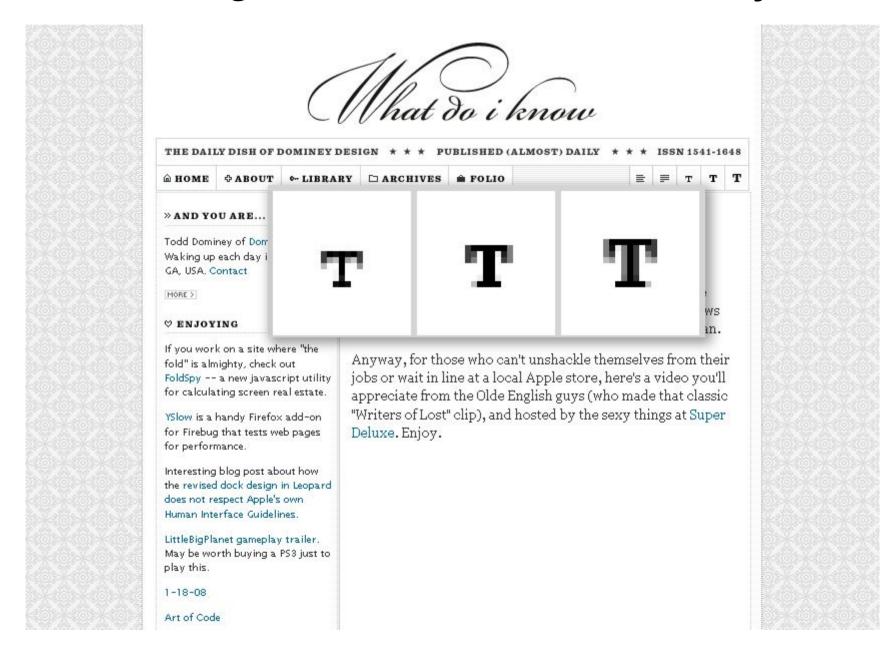
- Some browsers/AT already offer far better navigation mechanisms
- Nonetheless, sighted keyboard users can benefit
- Don't keep them hidden: either always visible, or visible (in predictable location) on keyboard focus
- More than one...don't go skip link crazy

How about "Back to top" links?

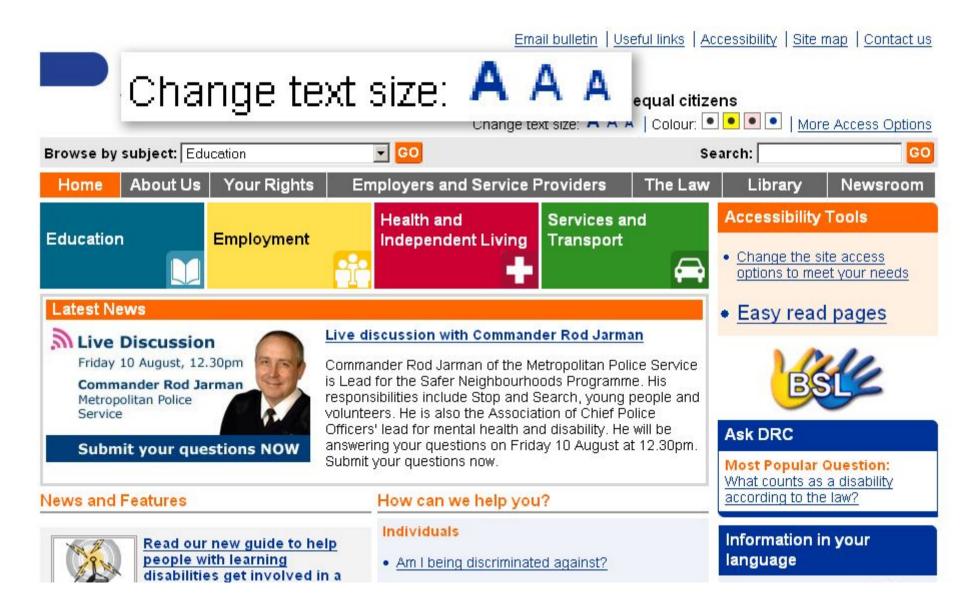
Text size widgets and co.

A bit of a personal bug bear of mine...

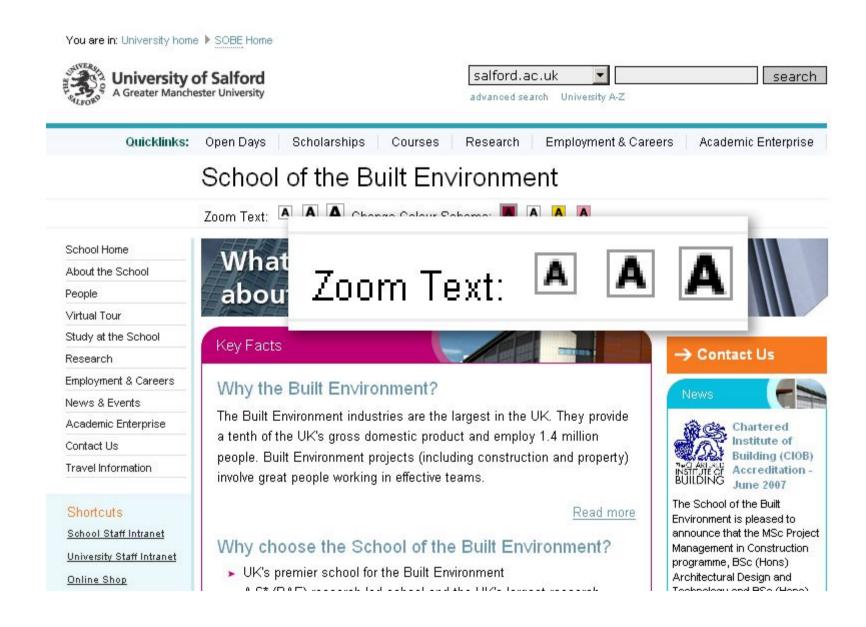
Text size widgets — browser functionality?



Text size widgets — browser functionality?



Text size widgets — browser functionality?

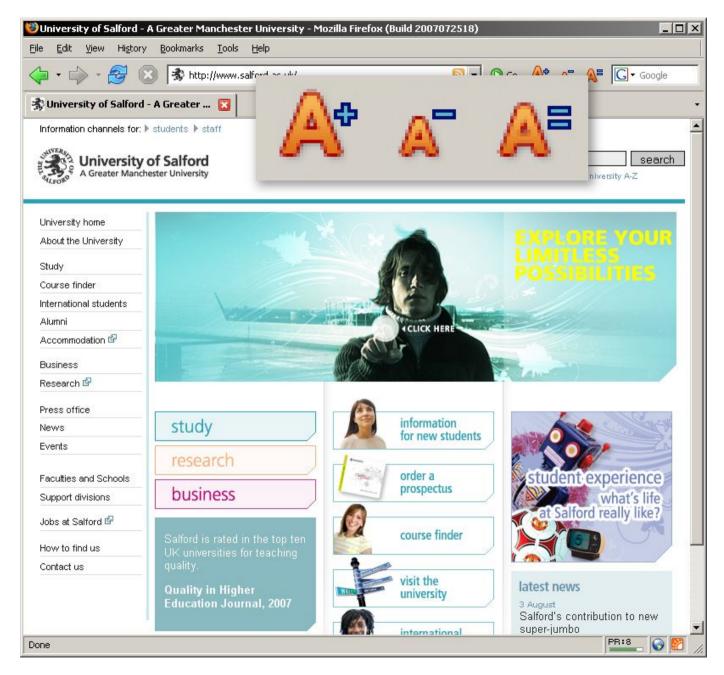


Text size widgets — pitfalls

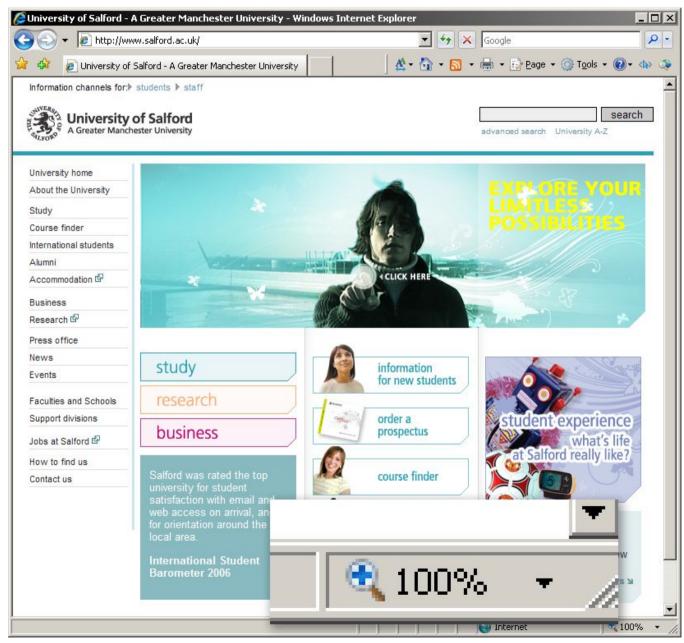
- Emulates browser behaviour (cfr. "print" and "bookmark this page" links)
- Usability concerns
- What happens when linking to external sites?
- Settings don't carry across, even if other site has same widget (cookies domain specific)

But users don't know they can already do this in their browser...

Text size widgets — soon obsolete?



Text size widgets — soon obsolete?

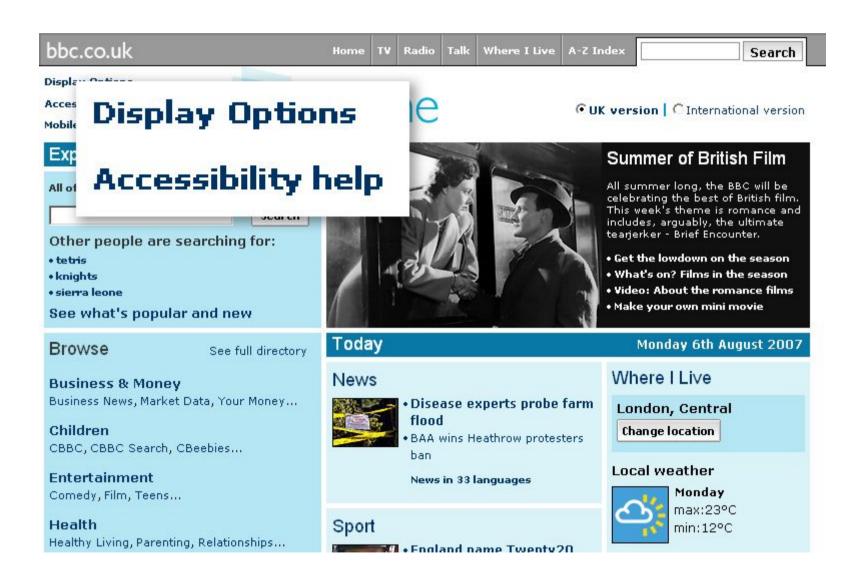


Text size widgets — gap filler?

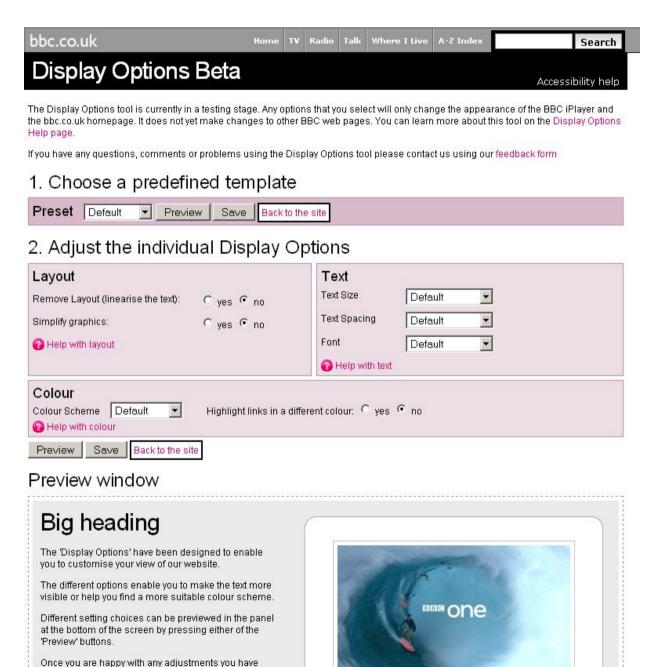
- It's a "usability gap" (Alastair Campbell, Nomensa)
- Browsers should make options obvious, but most don't...yet

In the meantime: "give a man a fish..."

Text size widgets — teach them fishing instead



Text size widgets — teach them fishing instead



made, proce the 'Coye Dienlay Options' button

Text size widgets — teach them fishing instead









Conclusion?

- Understand how users operate your site
- Be aware of current browser/AT behaviour
- Don't just do it "for the sake of it"
- Text size widgets are evil, and Patrick hates them...

Thanks

Patrick H. Lauke redux@splintered.co.uk

Slides (+ audio and transcript, eventually)
www.splintered.co.uk/documents/presentations/psf_accessibility_08.08.2007