

# Wordpress Accessibility

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- 1996: MCU: Web Accessibility Consultancy.
- 2005: Jim Byrne Accessible Website Design
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- Web design and web application development (VLE's, mobile and tablet apps, database development), website accessibility auditing, Website accessibility training.



# What will we do today?

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- Consider an approach to accessibility
- Look at how you can ensure your Wordpress content is accessible
- And how it might work in practice
- Discover useful resources

# An approach to Website accessibility

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- Perfect accessibility is impossible
- Don't create barriers for those who visit your site
- Your attitude is the most important thing - not technical guidelines
- Visual design is important (e.g hardline accessibility advocate designs a site without considering aesthetics)

# Is a Wordpress site different - when it comes to accessibility?

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- Well organised pages, logically marked up
- Images and other non-text elements with appropriate labels
- Skip links, if helpful
- Links should make sense when read out of context
- Good colour contrast
- Underlined links within content areas
- Hover focus, visited link highlighting

# Working with Wordpress

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- Accessible Templates/Themes
- An editing environment helps rather than hinders
- Accessible plugins
- Training for editors

# Setting up Wordpress

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- Turn on 'perma' links (i.e. more human friendly urls)
- Update the default settings: Wordpress Admin Settings/ Writing - check 'WordPress should correct invalidly nested XHTML automatically'
- Install MCE Advanced toolbar: and customise the WYSWYG toolbar
- Install the 'WP Accessibility' plugin by Joe Dolson
- Install Contact Form 7: and make changes to the config file

# Configure MCE Advanced

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- Turn off 'Editor menu' to simplify the toolbar
- Remove buttons: Justify, Outdent, Indent, Text colour, Toggle toolbar, More, Strikethrough.
- Add the formats menu. To give access to 'Blockquote' and other structured markup elements.
- Click 'Stop removing the `<p>` and `<br />` tags when saving and show them in the Text editor'



# Contact Form 7

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- The default setup does not add labels or explicitly link those labels with fields
- Stop it adding it's own markup, it's own style sheet and its' own Javascript
- Make changes to Wordpress config file, wp-config.php (it will be in the root folder of your Wordpress install). Add the following after your the settings:

```
/* wp-contact-from-7 */  
define ('WPCF7_AUTOP', false);  
define ('WPCF7_LOAD_CSS', false);  
• define ('WPCF7_LOAD_JS', false);
```

# More accessible contact forms

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- Having stripped out the default markup - then you you too add your own code, e.g.
- Add labels with for attributes and add id's to input fields:

```
<label for="yourname">Your Name (required)</label>
```

```
[text* your-name id:yourname]
```

# Install 'WP Accessibility' Plugin by Joe Dolso

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- This plugin will help strip a lot of clutter from pages for people using screen readers - such as the title attributes.
- Also removes target attributes, tab index, title attributes from images inserted into posts and featured images.
- Solves the problem of having lot of 'more' links - by adding the the post title to the link. This was something I did myself in my own content management system; content management systems are awash with 'more' links.
- Adds an accessibility toolbar - allowing colour contrast and font-size adjustments.

# Plugins to check out

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- GSpeech: a text to speech solution <http://wordpress.org/plugins/gspeech/>
- WP YouTube Lyte: Offer optimal accessibility: <http://wordpress.org/plugins/wp-youtube-lyte/>
- Zoom enables site users to resize the predefined areas <http://wordpress.org/plugins/zoom-widget/>
- EsAudioPlayer: accessible audio player <http://wordpress.org/plugins/esaudioplayer/>
- Accessible External Text Links: displaying an image with alternative to warn a window is being opened. <http://wordpress.org/plugins/accessible-external-text-links/> (when Javascript is used to open the window)
- My Read More replaces the default "read more" with custom text <http://wordpress.org/plugins/myreadmore/>

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