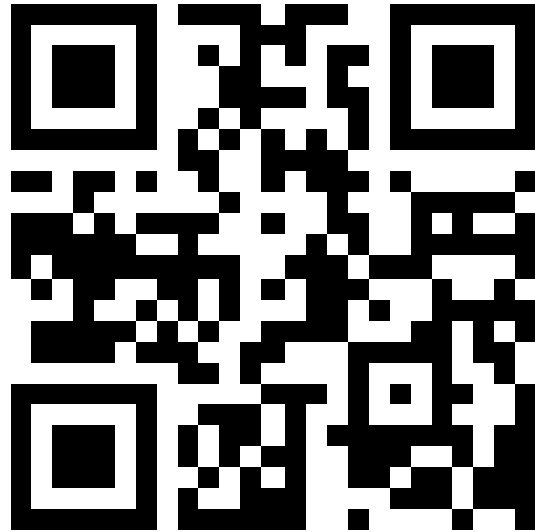


Simple Steps to Improve Website Accessibility

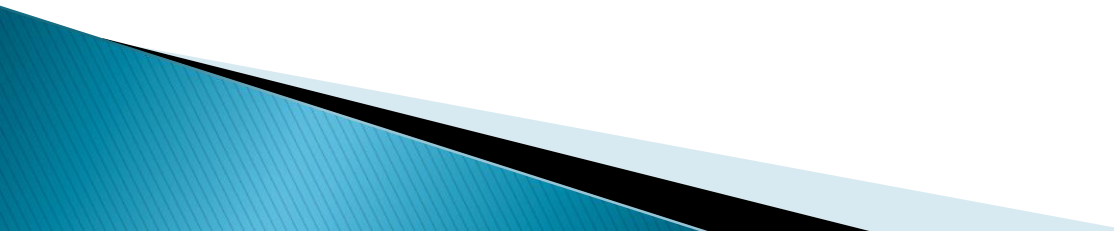
Ralph Toyama
Hawai'i Library Association Annual Conference
December 4, 2015

Presentation Handout

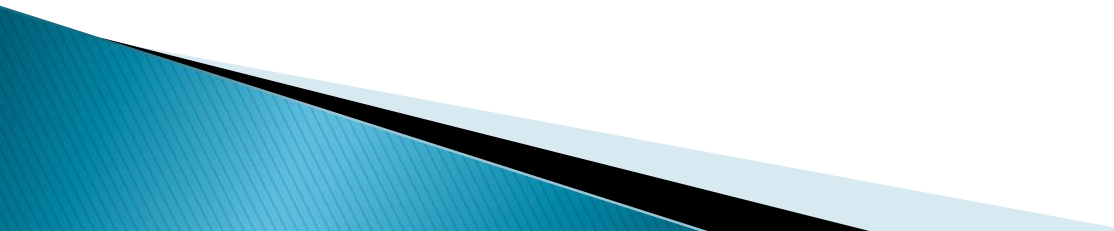
<http://goo.gl/qbXDXu>



Topics

- ▶ Use Heading Tags
 - ▶ Alternative Text for Images
 - ▶ “Skip to Content” Link
 - ▶ Accessible PDF Files
 - ▶ Scripting Languages
 - ▶ Testing Your Website’s Accessibility
 - ▶ Adding Closed Captioning to YouTube Videos
- 

Web Authoring Review

- ▶ Web page files are plain text.
 - ▶ HTML tags are used to identify the functional parts of your document.
 - ▶ CSS controls how your web page looks.
- 

Title of My Document

The First Major Section of My Document

This is a paragraph in my document. I'm using it to introduce this section.

This is another paragraph in my document. It has more information I wish to provide about this topic. I want to prepare you for more specific information in the sub-sections.

This Is a Sub-Section

I'm going into more specific details here.

This Is the Second Major Section of My Document

This is a paragraph in my document. I'm using it to introduce this section.

Title of My Document

The First Major Section of My Document

This is a paragraph in my document. I'm using it to introduce this section.

This is another paragraph in my document. It has more information I wish to provide about this topic. I want to prepare you for more specific information in the sub-sections.

This Is a Sub-Section

I'm going into more specific detail here.

This Is the Second Major Section of My Document

This is a paragraph in my document. I'm using it to introduce this section.

<h1>Title of My Document</h1>

<h2>The First Major Section of My Document</h2>

<p>This is a paragraph in my document. I'm using it to introduce this section.</p>

<p>This is another paragraph in my document. It has more information I wish to provide about this topic. I want to prepare you for more specific information in the sub-sections.</p>


<h3>This Is a Sub-Section</h3>

<p>I'm going into more specific detail here.</p>

<h2>This Is the Second Major Section of My Document</h2>

<p>This is a paragraph in my document. I'm using it to introduce this section.</p>

Heading Tags

- ▶ `<h1>`, `<h2>`, `<h3>`, `<h4...6>` tags identify the headings and sub-headings.
 - ▶ The number indicates hierarchical level.
 - ▶ Screen reading systems read out the heading tags as it reads the screen.
 - ▶ Also helps with computer analysis of the page content.
- 

Alternative Text for Images

```

```

(Keep it to 125 characters or fewer.)



- ▶ For purely decorative graphics, an empty alt attribute (`alt=""`) will tell the screen reader it can safely ignore the image, and also keep an accessibility checker from flagging it as an error.
- ▶ For graphics that can't be described by a short phrase, create a separate web page with a written description of the image.

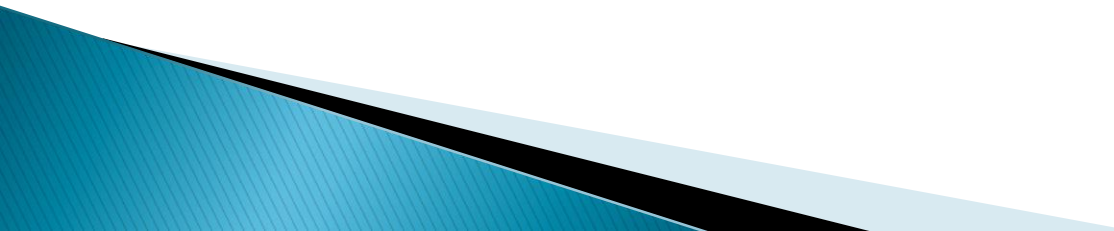
“Skip to Content” Link

- ▶ Near the top of the page:

```
<a href="#content">skip to main content</a>
```

- ▶ Right above the main content:

```
<a name="content"></a>
```

- ▶ Use CSS styling to make the link inconspicuous, if you don't want it to affect your page's visual design.
 - ▶ You can use the same technique to provide navigation links between parts of a page with a complicated layout.
- 

Accessible PDF Files

- ▶ “Printing” to a PDF might create a file that is not accessible.
- ▶ “Save as PDF” is a safer option in programs that have that feature.

Scripting Languages

- ▶ Javascript might or might not cause accessibility problems.
- ▶ Consider accessibility if you want to add a function that requires a mouse to operate, or makes information or menus appear only when the mouse is on a certain spot.

Testing Your Web Pages

wave.webaim.org



YouTube Closed Captioning

- ▶ Go into Video Manager
- ▶ Go to “Subtitles and CC”

Type or paste your captions, and let the system set the timing

or

Let automatic captioning run, then fix errors

Thank you!

<http://goo.gl/qbXDXu>

