Introduction to Accessibility

OhioDIG Meeting – Implementing and Applying Accessibility
May 10, 2018

Michelle Chronister
Associate Dean
University Libraries
mchroni@bgsu.edu
Design for Inclusion

- Auditory disabilities
- Cognitive and neurological disabilities
- Physical disabilities
- Speech disabilities
- Visual disabilities
Accessibility Standards

• Web Content Accessibility Guidelines (WCAG) 2.0
  • Technical standard developed by the World Wide Web Consortium (W3C)
    Web Accessibility Initiative’s Accessibility Guidelines Working Group
  • www.w3.org/TR/WCAG20/

• Section 508 of the Rehabilitation Act of 1973
  • Federal law that applies to hardware, software, and websites created or purchased by the federal government
  • www.access-board.gov
It’s the right thing to do.
Assistive Technologies

Any tool that helps someone with a disability accomplish a task.
Assistive Technologies

• Screen readers and text readers
Assistive Technologies

• Screen readers and text readers
• Braille displays
Assistive Technologies

• Screen readers and text readers
• Braille displays
• Screen magnification software
Assistive Technologies

• Screen readers and text readers
• Braille displays
• Screen magnification software
• Alternative input devices
Design for inclusion
It Takes a Village: Prioritizing and Implementing Accessibility Improvements

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1. Inventory
Assessing Our Digital Portfolio

- BGSU.edu/library
- LibGuides
- Digital Gallery
- Student Digital Gallery
- Summon
- Avalon
- Finding Aids
- You Can Book Me

- ScholarWorks
- LibAnswers
- Ask Us! Knowledgebase (LibraryH3lp)
- Flipping Books
- Online Indexes (Kohana)
2. Prioritize
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  - Digital Gallery
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- Online Indexes (Kohana)
SERVICES

- Borrowing, Renewing and Requesting
- Course Reserves
- Disability Services
- Distance Education Services
- Faculty, Instruction, and Curriculum Support
- Services for Students
- Guest Privileges
- Remote Access -- Off-Campus Access to Library Resources
- We're Here to Assist You -- Research and Reference Assistance
- Thesis and Dissertation Information [obtaining]
- Building, Facilities, and Equipment
- Binding Services
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**Purpose**
- Help UL meet SOE compliance
- Best practices
  - Coordinate to do the work
  - Training
  - Liaison to Campuswide efforts
  - Point of contact w/ 508 + Access

**Comms**
- Lib staff email w/ explanation of SOE
- UL all staff mtg + alt times for Q&A / discussion
- Targeted contacts asking for feedback
- Paranoia about surveys/offer point alt
- Frequent opps for feedback
- Reports to MAG, TAC, + PIC (+ instruction w/in w get to Lib/508)

**BGSU.edu/library**

**Agenda**

**To Do**
- Schedule next mg
- John lists this task vs. Webmasters
- Q&As for meeting
- Links to required plugins
1. Links
2. Headings/Titles
3. Images
4. Downloadable files

- Importance/Impact
- Difficulty/Cost

- Text-based Images
- Headings nested
- Audio transcripts
- Video captions
- Downloadable files

- Tables
- Forms
- Images (alt/tips)
- Mark files as attachments
- Chat bot
- Page titles too descriptive
- Links are unique/authoritative

- John!

- Webmaster!
- S03 FF
Priority for BGSU.edu/library Webmasters

1. Links
2. Headings
3. Images
4. Downloadable files
3. Train
Webmaster Trainings

• Two trainings/working sessions per topic
  • First hour – Explanation of issues and how to fix them
  • Second hour – Review spreadsheet of potential issues and time to work
• Slides and handouts
• Spreadsheet of potential issues by department
Make the Link Descriptive

The text of each link should clearly describe the content found at the linked URL.

DO: Request Course Reserves
DON'T: Click here

Screen reader demo: don’t use ‘click here’ for links (31 seconds)
Why click here should die? (50 seconds)

Make the Link Descriptive

Why?

When someone is using a screen reader, they have the ability to skip from link to link. If links have generic or non-descriptive text, they won’t know where each link will take them.

How to Fix It

- Write link text that makes sense without the context a sighted user might be experiencing.
- Avoid link titles like, “Click here,” “Read more,” or “Link”
4. Review and fix
<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
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<tr>
<td></td>
<td></td>
<td>Page</td>
<td>Issue</td>
<td>Link/0</td>
<td>Link/1</td>
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<td>Duplicate text: ohiolink consortium</td>
<td>&lt;a href=&quot;http://www.ohiolink.edu&quot;&gt;OhioLINK Consortium&lt;/a&gt;</td>
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<td>information/graduate-student-circulation-survival-guide.html</td>
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<td></td>
<td><a href="https://www.bgsu.edu/library/services/services">https://www.bgsu.edu/library/services/services</a> /additional-</td>
<td>Suspect word: find</td>
<td>&lt;a href=&quot;https://findbook.bgsu.edu&quot;&gt;What do I do if I find the book after I get a bill?&lt;/a&gt;</td>
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</tr>
<tr>
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<td></td>
<td>information/undergraduate-student-circulation-survival-guide.html</td>
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<td><a href="https://www.bgsu.edu/library/services/services">https://www.bgsu.edu/library/services/services</a> /borrowing.html</td>
<td>Duplicate text: course reserves</td>
<td>&lt;a href=&quot;https://mauricio.bgsu.edu/screens/reserves.html&quot;&gt;Course Reserves&lt;/a&gt;</td>
<td></td>
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<td></td>
<td><a href="https://www.bgsu.edu/library/services/services">https://www.bgsu.edu/library/services/services</a> /borrowing.html</td>
<td>Duplicate text: hours</td>
<td>&lt;a href=&quot;https://library/about-library-hours.html&quot;&gt;Hours&lt;/a&gt;</td>
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<td><a href="https://www.bgsu.edu/library/services/services">https://www.bgsu.edu/library/services/services</a> /borrowing/ohiolink-materials.html</td>
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<td>&lt;a href=&quot;https://library/services/borrowing/ohiolink-materials/ohiolink-loan-times.html&quot;&gt;Click to see specific information on times, renewals, limits and fines.&lt;/a&gt;</td>
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<td>&lt;a href=&quot;https://library/services/services/borrowing/ohiolink-materials/ohiolink-loan-times.html&quot;&gt;Click to see specific information on times, renewals, limits and fines.&lt;/a&gt;</td>
<td></td>
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</tbody>
</table>
# BGSU.edu/library Work Completed

<table>
<thead>
<tr>
<th>Area</th>
<th>Status</th>
<th>Percent Complete</th>
<th>Date Complete</th>
<th>Number of Items Fixed</th>
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</thead>
<tbody>
<tr>
<td>Links</td>
<td>Finished</td>
<td>100%</td>
<td>2/5/18</td>
<td>1,205</td>
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<tr>
<td>Tables</td>
<td>Finished</td>
<td>100%</td>
<td>3/19/18</td>
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<tr>
<td>Forms</td>
<td>Finished</td>
<td>100%</td>
<td>3/19/18</td>
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<tr>
<td>Page titles and headings</td>
<td>In progress</td>
<td>95%</td>
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<td>948</td>
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<td>Images</td>
<td>In progress</td>
<td>59%</td>
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<td>1,156</td>
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<tr>
<td>Audio and video captions and transcripts</td>
<td>In progress</td>
<td>10%</td>
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</tr>
<tr>
<td>Downloadable files</td>
<td>In progress</td>
<td>5%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
BGSU.edu/library Work Completed

3,754
Total Potential Issues Reviewed

3,392
Total Issues Fixed
5. Monitor
Our Process

1. Inventory
2. Prioritize
3. Train
4. Review and fix
5. Monitor
Thank you!

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