



National Center on Accessible Information Technology in Education

Resources for Accessible Web Design

1. Where can I locate a checklist for the accessibility of web authoring tools?

The Web Accessibility Initiative (WAI) of the World Wide Web Consortium has published a "Checklist of Checkpoints for Authoring Tools Accessibility." It can be found at: www.w3.org/TR/ATAG10/atag10-chktable.html.

2. How can I test my web site for accessibility?

For guidance in performing a preliminary review to check for accessibility visit: www.w3.org/WAI/eval/#prelim or you can do the following and see how well you are able to navigate to and access all of the information on your web page:

1. turn off images
2. turn off the sound
3. change the font size
4. set screen resolution to 640 x 480
5. change the display color to black and white
6. put away the mouse and tab through the links and form controls on a page

3. Where can I find on-line tutorials regarding accessible web design?

On-line tutorials on how to make Web pages accessible include:

- WebAIM tutorials: www.webaim.org/tutorials/
- ITTATC Web Accessibility Course: www.ittatc.org/training/webcourse/
- 508 Universe: <http://www.section508.gov/index.cfm>

4. Can I make an accessible web page using the popular authoring tools?

Guidance on how to make web content accessible may be found at:

- Authoring Tool Accessibility Conformance Evaluations (evaluations of many popular authoring tools for creating web content)
 - o www.w3.org/WAI/AU/2002/tools

- Microsoft FrontPage
 - www.microsoft.com/frontpage/using/accessibility/
- Macromedia DreamWeaver
 - www.macromedia.com/macromedia/accessibility/features/dreamweaver.html

5. What evaluation tools are available to help me determine if my web site is accessible?

The most popular include:

- WAVE:
 - <http://wave.webaim.org>
- A-Prompt:
 - <http://aprompt.snow.utoronto.ca/>
- Bobby:
 - www.cast.org/bobby
- AccVerify SE Frontpage Plugin from HiSoftware:
 - www.hisoftware.com/msacc
- DreamWeaver 508 Accessibility Suite Extension
 - http://dynamic.macromedia.com/bin/MM/exchange/extension_details.jsp?extOid=266562
- Many other evaluation tools, including those above:
 - www.w3.org/WAI/ER/existingtools.html

6. What resources are available to help me create accessible PDFs?

The following resources should be used as guidelines for creating accessible PDF documents:

- A complete summary of accessibility features of Acrobat 5.0 is available at:
 - <http://access.adobe.com/features.html>
- Two free training guides for creating tagged PDF files, which are optimized for accessibility, are available at:
 - How To Create Accessible Adobe® PDF Files: <http://access.adobe.com/booklet.html>
 - Advanced Techniques for Creating Accessible Adobe® PDF Files: www.adobe.com/products/acrobat/pdfs/CreateAccessibleAdvanced.pdf
- For a more complete article regarding the accessibility of PDFs, please visit:
 - www.washington.edu/accessit/articles?2

7. How do I make multimedia or rich media accessible?

- Two articles for information on making multimedia and rich media accessible are available at:
 - www.washington.edu/accessit/articles?70
 - www.washington.edu/accessit/articles?146

- To add captions and audio description to video and audio files, a free captioning and description tool called MAGpie is available for download at:
 - o <http://ncam.wgbh.org/webaccess/magpie>
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