Welcome to the Accessible Technology Webinar Series

The Accessible Technology Webinar Series is sponsored by the Great Lakes ADA Center and the Pacific ADA Center, both members of the ADA National Network.

The Session is Scheduled to begin at 1:00 pm CT
We will be testing sound quality periodically

The content and materials of this training cannot be used or distributed without permission. This training is funded under award #H133A060097 from the U.S. Department of Education through the services of the Regional Technical Assistance Centers (RTACs), for purposes of developing, disseminating, and implementing possibly innovative approaches to improving the services for people with disabilities who are deaf-blind. (See RTAC National Matching Funding Program Information.) For more information about RTACs and their services, visit (ADA) in the USA: Where Equity Meets Opportunity. (See RTAC National Matching Funding Program Information.) For more information about RTACs and their services, visit the RTAC National Matching Funding Program Information.

Webinar Features

• Closed captioning – click CC icon (top of screen) or control-F8 and adjust your screen
• Questions - type and submit questions in the Chat Area Text box or press control-M and enter text in the Chat Area
• Please do not use emoticons or hand-raising features during this session

WAVE
Web Accessibility Evaluation Tool

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WAVE is a web accessibility evaluation tool

WAVE is and always will be provided freely as a community service by WebAIM

No automated tool can tell you if your site is accessible!

Human checks are always necessary

... but WAVE does a pretty good job of telling you if your site is INACCESSIBLE
WAVE facilitates human evaluation

- WAVE shows your original page, with embedded icons and indicators
- WAVE reveals the underlying accessibility problems and features
- WAVE requires a basic understanding of accessibility... but it also teaches you along the way

WAVE icons

- **Errors:** Red is bad! If you see red, there is almost certainly an accessibility issue.
- **Alerts:** Yellow icons are things you should look at because they may cause accessibility or usability issues. Most yellow icons indicate likely issues.
- **Features:** Green icons are probably good. They are accessibility features, but you must determine if they are implemented appropriately.
- **Structural elements:** Blue icons reveal the underlying structure and meaning of the web page.
- **HTML5/ARIA:** Purple icons are HTML5 structural elements or ARIA roles, states, or properties.
- **Contrast:** Identifies contrast issues to WCAG 2.0 Level AA guidelines.
How does WAVE work?

1. Submit a web page address.
2. WAVE server downloads content and a custom version of Firefox renders page with CSS applied.
3. The virtual page/DOM is checked against WAVE rules.
4. The original page is loaded.
5. Icon and report data loaded.
6. WAVE icons and descriptions are inserted into the original page and interface.

How does the WAVE toolbar work?

• Evaluates the document 'live' in your browser, allowing any web page to be evaluated.
• Evaluates the current DOM state - after CSS and scripting have been applied.
• No data is sent to WebAIM.
• The toolbar is much faster.

WAVE5 Disclaimers

• It is in beta.
• New features and performance enhancements are coming soon.
• Please provide feedback on bugs or feature requests.
• Will replace the existing version of WAVE soon.
• It requires JavaScript. See http://webaim.org/blog/javascript-as-an-accessibility-concern/
• WAVE5 toolbars are in development.
WAVE5 Rules/Icons Updates

• Over 20 rules/icons removed
  – Most had little or no impact on accessibility
  – Some cluttered the report
  – Some were combined into new rules.

WAVE5 Rules/Icons Updates

• 20+ new rules/icons
  - Document language missing
  - Missing <h1> and No heading structure
  - Redundant link
  - Possible table caption
  - Missing focus indicator
  - Empty button and Empty link
  - HTML5 structural and media elements - 🏭 🏭 🏭 🏭
  - ARIA - 🏭 🏭 🏭 🏭

WAVE5 Demo

http://five.wave.webaim.org/

Please play nicely!
The Future of WAVE

• Updated toolbars - Firefox and Chrome
• WAVE the Web Project
• WAVE API
• Enterprise tools
  – Multi-page and site-wide auditing
  – Custom filters
  – Custom rules (basically written in jQuery)
  – Implementation plans
  – Stand-alone WAVE installations
  – ???
• … and much more.

We’re always trying to improve WAVE, so please send us feedback!

Common Questions

• Is WAVE accessible?
• What guidelines or standards does WAVE evaluate against?
• Are there limitations to using WAVE?

Thank You!

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Thank you for participating in today’s Accessible Technology Webinar!

Next Scheduled Session
**DECEMBER 11, 2012,**

**MOBILE ACCESSIBILITY - THE STATUS OF ACCESSIBILITY IN MOBILE DEVICES**

www.ada-audio.org 877-232-1990 (V/TTY)