

Accessibility Considerations for Web Applications

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The Web should be accessible for everyone

Accessibility Coding Benefits

- Cleaner code
- Compliant for all browsers
- Easy to move to mobile devices
- It's the right thing to do

Examples of what you can do to implement accessibility in your applications now:

- Alt tags on all images
- Row/header info on all data tables
- Multimedia alternatives

How to get started in an accessibility conscious way:

- Conduct a self-evaluation
- Identify existing accessibility barriers
- Come up with a transition plan
- Implement the plan over time

Screen Reader Resources

- **Jaws** - <http://www.freedomscientific.com>
- **Browsealoud** - <http://www.browsealoud.com>
- **SimplyWeb** - <http://www.econointl.com/sw/>

Developer Tools

- **Internet Explorer** - <http://www.microsoft.com/enable/training/>
- **Mozilla/Firefox** - <http://chrispederick.com/work/webdeveloper>
- **Cynthia Says report** - <http://www.contentquality.com/>
- **W3C CSS Validator** - <http://jigsaw.w3.org/css-validator/>

Policy and Guidelines

- **Section 508** - <http://www.section508.gov>
- **UC "Designing Accessible Web Sites"** - <http://www.ucop.edu/irc/itaccessibility/resources>
- **uPortal Accessible Theme** - Terence Ordon - <http://www.imaputz.com/uportal>
- **University of Bristol** - <http://www.bristol.ac.uk/university/governance/policies/full-access.html>
- **UC Irvine Instruction Web Technologies – Accessibility References and Resources** - <http://eee.uci.edu/iwt/accessibility/>
- **World Wide Web Consortium (W3C) Initiative** - <http://www.w3.org/WAI/>

Recommended Reading

- **Web Accessibility for People With Disabilities** (R&D Developer Series) by Michael G. Paciello
- **Constructing Accessible Web Sites** by Jim Thatcher, et al
- **Access by Design : A Guide to Universal Usability for Web Designers** by Sarah Horton

Educause Western Regional Conference – May 2007