

Lesson 6 - Accessibility & Validity

In this lesson you will learn about creating web pages that are accessible to persons with disabilities. This may include vision, hearing, and motor disabilities. For those with Vision loss, another piece of software like a screen reader is used. But a screen reader can not read a graphic, or any text on this graphic. For hearing loss, well, your video files and audio files should be captioned. One of the easiest things you can do to make your graphics accessible is to use the "Alt" attribute within the Image tag.

The goals of this lesson are:

- Gain an understanding of the need for building accessible websites.
- Learn some of the things you can do during your website design to make your pages accessible.
- Gain hands on experience with evaluating a website for accessibility.

Readings

Day 19

[Sams Teach Yourself Web Publishing with HTML and XHTML in 21 Days.](#)

ISBN 0-672-32519-5

Elements & Tags

[alt](#) attribute

Activities

For this activity you will use resources on the webaim.org website.

- Go to <http://www.warp.webaim.org> and login under the "Access Student Lesson" by entering the code Reeve6670. Once inside you will read through the available resources located at the top of the lesson. Please go through the Screen Reader Simulation. It is an eye opener as to what happens when someone uses a screen reader to "view" a web page.

Choose a website of your choice and evaluate it using the "7 step evaluation process activity" (this resource is online at the warp website listed above) You will only need to complete the first three steps for this. Create a simple web page

that describes the web page you evaluated and give a brief overview of the problems you found. Using the additional resources or other resources at www.webaim.org, suggest ways that the web page might be corrected so that it is more accessible.

Upload your webpage to the course server and also in WebCT let me know you completed it.

Resources

www.webaim.org

<http://www.warp.webaim.org> user code Reeve6670

Reflective Questions

What are some simple things you can do to insure your web pages are accessible to persons with vision loss?