Introduction
The ECS Website is constantly tested to ensure that we comply strictly with Section 508 of the Rehabilitation Act [1]. Also, we strive to ensure that we comply with the newer standards such as WCAG 1.0 and 2.0 [2]. Although WCAG 1.0 and WCAG2.0 are ideal in terms of compliance, they are fairly new standards and it is hard to make old web pages comply. The CSUS Web Accessibility policy [3] specifies compliance to Section 508 alone. Therefore, it is necessary to rigorously test and ensure we comply with Section 508.

How do I test for accessibility?
There are various tools available to check a page’s compliance. The campus accessibility page has some great tutorials and resources (http://www.csus.edu/irt/web/Accessibility). For the College of Engineering & Computer Science website, a combination of various tools are used to ensure compliance to Section 508

a) Validating the page’s HTML: http://validator.w3.org/
b) WebAIM accessibility reports: http://wave.webaim.org/

However, testing a large number of pages by pasting URLs to these validation sites is cumbersome. To help web developers make their accessibility testing easy, installing Firefox add-ons are recommended. Some of the most useful add-ons are

   This toolbar lets you validate HTML, CSS, RSS feeds and also check for Section 508, WCAG 1.0 and 2.0. Useful tools such as disabling the style sheet, JavaScript can be used to test the page.
b) WAVE Toolbar: http://wave.webaim.org/toolbar
   The WAVE toolbar is an add-on version of the WebAIM service. This toolbar allows you to check all the accessibility errors within your browser.
c) Other resources
   More resources for testing can be found in the IRT Accessibility page. (http://www.csus.edu/irt/web/Accessibility/#7)
References

1. Section 508 of Rehabilitation Act:
   

2. Web Content Accessibility Guidelines 1.0 and 2.0
   
   http://www.w3.org/TR/WCAG10/
   http://www.w3.org/TR/WCAG20/

3. CSUS Web Accessibility policy
   
   http://www.csus.edu/irt/web/Policies/Web-Policy.html

Contact

Send an email to webupdate@ecs.csus.edu or create a Web Task from the ECS Portal.