Browser Capabilities

Designing for consistent appearance

Browsers Differ

- **Even though browsers are moving to a consistent implementation of HTML, they differ in display and adherence.**

- **It is your responsibility to make sure your page works for a wide audience.**

Handling Stylistic Differences

- "Easiest" way to eliminate browser differences is to use a default style sheet

- Default style sheets reset all of the values for the page

- Will make your page look worse!

Handling Unsupported Properties

- **Not all browsers support all HTML5 tags**

- **Not all browsers support all CSS3 properties**

- **Browser prefixes (or vendor prefixes) provide a quick fix for handling unsupported CSS3 options.**

Browser Prefixes

- **-webkit-: Android, Chrome, iOS, Safari**

- **-moz-: Firefox**

- **-ms-: Internet Explorer**

- **-o-: Opera**

Often Unsupported Properties

- **column-count**

- **border-radius**

- **gradient**

- **Sites such as http://caniuse.com/ will tell you when you need to use prefixes**

Example

Automated Ways to include Prefixes

- ## For now, add the prefixes by hand

- ## There are ways to automate the addition of prefixes

  - ### Editor add-ons (You have most of the control)

  - ### Use outside programs to dynamically add appropriate prefix based on browser

Review

- **Default style sheets remove stylistic differences**
  - **Should default style sheet be internal or external?**
  - **Where should it go in relation to other style sheets?**
- **Browser prefixes can help remove some differences caused by unsupported options**
  - **Shouldn't be overused**

Acknowledgements/Contributions