

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

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