

Progressive Enhancement

what, why

Why

Accessibility Screenreaders, blind users

Browser compatibility

Slow internet connections

Google

Layers

- HTML & Content (alt tags on images)
- CSS
- Javascript

How:

Example

<http://massart.andrewringler.com/intro-to-web-spring-2015/materials/examples/wk10/owlcarousel-progressive-enhancement/>

progressive enhancement example (in safari)

disable javascript, & styles

show what it looks like and behaves as you add back

listen to page with screen reader

show what images without alt text sound like



Testing

multiple browsers

Why

lot of diversity

http://caniuse.com/usage_table.php



Test Locally

Safari
Chrome
Firefox

<https://ftp.mozilla.org/pub/mozilla.org/firefox/releases/>

Test With Phone

Test on Phone
and tablet if you have

Virtual Machines

- IE virtual machines: <https://www.modern.ie>
- <http://browsershots.org/>

Additional Resources

multiple browsers

Books

- Adaptive Web Design 1st edition free online:
<http://adaptivewebdesign.info/1st-edition/>
- Designing with Progressive Enhancement.
Peachpit/New Riders, 2010 by Scott Jell
- Responsible Responsive Design. A Book Apart,
2014 by Scott Jehl