



DEPOT/U

LESS – Responsive Design - Bootstrap

Agenda

9am	Breakfast/Questions?
9:30am	LESS – Responsive Design - Bootstrap
10:30am	Coding – LESS/Bootstrap
12:00pm	Lunch/Apple Event
1-5pm	Continue Coding



Less is more

- What is LESS? SASS?
- Why use LESS?
 - Nesting
 - Variables
 - Mixins
- Needs to be compiled
 - `npm install less -g`

Lab extra credit - setup a watch node task to automatically compile your Less when the file is saved



Responsive Design

- Built for Mobile
- Uses CSS media queries
- Uses a grid system to respond to device width
- Frameworks
 - Bootstrap
 - Foundation
 - PlatypusUI



Bootstrap

- Created by Twitter
- Grid system based on xs, sm, md, lg
 - 12 columns wide
- Themed
- Custom Components
 - Carousel, cover, navbar, footer, etc.
- Vendor prefixes
- Uses Less (v4 uses Sass)



Day 2 Lab

Create a resume using LESS

Create a resume using Bootstrap

