

MP2: Foundation 6

MP2


Due March 1st 11:59PM CST

Part One: Research Data

Parts Two & Three: Foundation and Design

 uiuc-web-programming / **mp2_starter**

 Code

 Issues **0**

 Pull requests **1**

 Wiki

 Pulse

 Graphs

UIUC Web Programming: Starter files for MP 2

MP2 Setup

Use vagrant and your development environment from MP1

Follow the Lab 2.0 instructions on the course website for setup

Your MP2 will not run properly if you do not run all the setup commands properly

MP2 File Modifications

public/index.html - write your HTML code here

source_sass - write your custom SCSS here

source_js - write your custom JS here

public/foundation6_lib/scss/_settings.scss - change base Foundation styles

The Files:

https://github.com/uiuc-web-programming/mp2_starter

What is Foundation 6?

Foundation is a responsive front-end framework

A collection of HTML, CSS, and JS to build upon

Work with what's already built



Global Styles

Baseline styles that are set by Foundation

Can be changed in the `_settings.scss` files by changing the corresponding Sass variable



Sass Reference

Variables

The default styles of this component can be customized using these Sass variables in your project's [settings file](#).

Name	Type	Default Value	Description
<code>\$global-font-size</code>	Number	100%	Font size attribute applied to <code><html></code> and <code><body></code> . We use 100% by default so the value is inherited from the user's browser settings.
<code>\$global-width</code>	Number	<code>rem-calc(1200)</code>	Global width of your site. Used by the grid to determine row width.
<code>\$global-lineheight</code>	Number	1.5	Default line height for all type. <code>\$global-lineheight</code> is 24px while <code>\$global-font-size</code> is 16px

Components

Built-in features into Foundation that you can add to your project

Many components to use in your MP

- Video
- Modal
- Carousel
- Navigation Bar

Components

Layout

[Grid](#)
[Flex Grid](#)
[Forms](#)
[Visibility Classes](#)
[Float Classes](#)

Typography

[Base Styles](#)
[Helper Classes](#)

Controls

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[Switch](#)

Libraries

[Motion UI](#)
[Panini](#)

Navigation

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[Menu](#)
[Dropdown Menu](#)
[Drilldown Menu](#)
[Accordion Menu](#)
[Top Bar](#)
[Responsive Navigation](#)
[Magellan](#)
[Pagination](#)
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Containers

[Accordion](#)
[Callout](#)
[Dropdown](#)
[Media Object](#)
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Media

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Plugins

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Sass

[Mixins](#)
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Site Title [One](#) [Two](#) [Three](#)

Flex Video

Wrap embedded videos from YouTube, Vimeo, and others in a flex video container to ensure they maintain the correct aspect ratio regardless of screen size.

Reveal JavaScript Motion UI

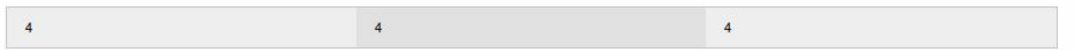
Modal dialogs, or pop-up windows, are handy for prototyping and production. Foundation includes Reveal, our jQuery modal plugin, to make this easy for you.

Grid

Time to make your screen responsive!

“Foundation is mobile-first. Code for small screens first, and larger devices will inherit those styles. Customize for larger screens as necessary.”

```
<div class="row">  
  <div class="small-2 large-4 columns"><!-- ... --></div>  
  <div class="small-4 large-4 columns"><!-- ... --></div>  
  <div class="small-6 large-4 columns"><!-- ... --></div>  
</div>
```



Demo

<http://codepen.io/anon/pen/OMGaqq>

All resources found here:

<http://foundation.zurb.com/sites/docs>

Questions?