

Semantic UI/ Fomantic UI

Getting Started, Containers & Segments

Lab-06b
Semantic-UI



Create a revised version of
bundle-store using the
Semantic UI CSS
framework.

CSS frameworks

From Wikipedia, the free encyclopedia

CSS frameworks are pre-prepared [software frameworks](#) that are meant to allow for easier, more standards-compliant [web design](#) using the [Cascading Style Sheets](#) language. Most of these frameworks contain at least a [grid](#). More functional frameworks also come with more features and additional [JavaScript](#) based functions, but are mostly design oriented and [unobtrusive](#). This differentiates these from functional and full [JavaScript frameworks](#).

Some notable and widely used examples are [Bootstrap](#) or [Foundation](#).

CSS frameworks offer different modules and tools:

- [reset style sheet](#)
- grid especially for [responsive web design](#)
- [web typography](#)
- set of [icons](#) in [sprites](#) or [icon fonts](#)
- styling for [tooltips](#), [buttons](#), elements of [forms](#)
- parts of [graphical user interfaces](#) like [accordion](#), [tabs](#), [slideshow](#) or [modal windows](#) ([Lightbox](#))
- equalizer to create equal height content
- often used css helper classes (*left*, *hide*)



What is a CSS Framework?

“framework is defined as a package made up of a structure of files and folders of standardized code (HTML, CSS, JS etc.) which can be used to support the development of websites, as a basis to start building a site.”

“The aim of frameworks is to provide a common structure so that developers don’t have to redo it from scratch and can reuse the code provided”



Popular Frameworks

The image displays three separate browser windows side-by-side, each showing a different popular front-end framework:

- UIKit**: A screenshot of the UIKit website (getuikit.com). It features a blue header with the UIKit logo and navigation links. The main content area has a blue background with the text "A lightweight and modular front-end framework for developing fast and powerful web interfaces." and a "Download UIKit" button. A sidebar on the left lists various UI components like Get Started, Layouts, Base, Grids, Forms, Buttons, Tables, Menus, Tools, Customize, Extend, Blog, Releases, and Skin Builder.
- Bootstrap**: A screenshot of the Bootstrap website (getbootstrap.com). It has a purple header with the Bootstrap logo and navigation links. The main content area features a large white letter "B" and the text "Bootstrap is the most popular HTML, CSS, and JS framework for developing responsive, mobile first projects on the web." with a "Download Bootstrap" button. It also indicates "Currently v3.3.1".
- Pure.css**: A screenshot of the Pure.css website (purecss.io). It has a white header with the Pure.css logo and navigation links. The main content area has a white background with the text "A set of small, responsive CSS modules that you can use in every web project." and a "Get Started" button. A sidebar on the left lists components like Get Started, Layouts, Base, Grids, Forms, Buttons, Tables, Menus, Tools, Customize, Extend, Blog, Releases, and Skin Builder. At the bottom, it highlights "CSS with a minimal footprint." and mentions file sizes for various modules.

<http://www.sitepoint.com/5-most-popular-frontend-frameworks-compared/>

<https://bulma.io>

The Bulma website homepage features a navigation bar with links to Documentation, Videos, Blog, Expo, Love, and More. Below the navigation are eight main sections, each with an icon and a brief description:

- Overview**: An overview of what Bulma as a framework is all about.
- Customize**: Create your own theme with a simple set of variables.
- Modifiers**: An easy-to-read naming system designed for humans.
- Columns**: The power of Flexbox in a simple interface.
- Layout**: Design the structure of your webpage with these CSS classes.
- Form**: The indispensable form controls, designed for maximum clarity.
- Elements**: Essential interface elements that only require a single CSS class.
- Components**: Advanced multi-part components with lots of possibilities.



A utility-first CSS framework for rapidly building custom user interfaces.

Tailwind is different from frameworks like Bootstrap, Foundation, or Bulma in that it's not a UI kit.

It doesn't have a default theme, and there are no built-in UI components.

On the flip side, it also has no opinion about how your site should look and doesn't impose design decisions that you have to fight to undo.

If you're looking for a framework that comes with a menu of pre-designed widgets to build your site with, Tailwind might not be the right framework for you.

But if you want a huge head start implementing a custom design with its own identity, Tailwind might be just what you're looking for.

<https://tailwindcss.com>

2.4.2

Semantic UI

User Interface is the language of the web

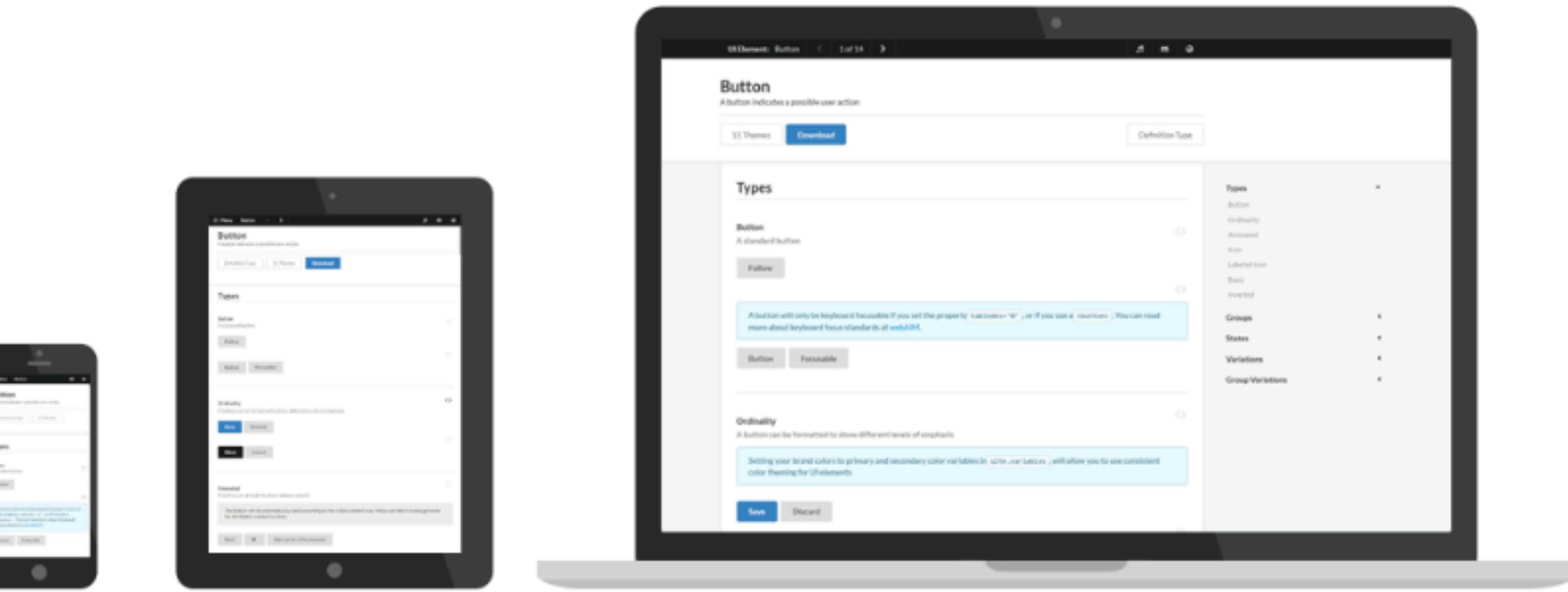
[Get Started](#) [New in 2.4](#)

2.8.4

Fomantic-UI

A community fork of Semantic-UI

[Get Started](#) [New in 2.8](#)



Design Beautiful Websites Quicker

Semantic is a development framework that helps create beautiful, responsive layouts using human-friendly HTML.

Concise HTML

Semantic UI treats words and classes as exchangeable concepts.

Classes use syntax from natural languages like noun/modifier relationships, word order, and plurality to link concepts intuitively.

Get the same benefits as [BEM](#) or [SMACSS](#), but without the tedium.

```
<div class="ui three buttons">
  <button class="ui active button">One</button>
  <button class="ui button">Two</button>
  <button class="ui button">Three</button>
</div>
```

One

Two

Three

Using the Semantic UI Framework

- Link to the framework in <head> section of all pages
- Start using framework defined classes
 - Semantic css defines a large number of classes
 - Your elements take on Semantic-UI styles by adopting specific classes
 - All classes are preceded by “ui” to mark them as part of the framework

class =“ui container”

class =“ui segment”

class=“ui header”

class=“ui image”

class =“ui grid”

class=“ui row”

class=“ui column”

layout.ejs

Include semantic.min.css + semantic.min.js

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title>Bundle APP Store</title>
    <script src="https://cdn.jsdelivr.net/npm/jquery@3.3.1/dist/jquery.min.js"></script>
    <link rel="stylesheet" type="text/css" href="https://cdn.jsdelivr.net/npm/semantic-ui@2.8.4/dist/semantic.min.css">
    <script src="https://cdn.jsdelivr.net/npm/semantic-ui@2.8.4/dist/semantic.min.js"></script>
  </head>
  <body>
    
    <section class="container">
      <%- include('./partials/_header.ejs'); %>
      <%- yield %>
      <%- include('./partials/_footer.ejs'); %>
    </section>
  </body>
</html>
```

- This makes most of the Semantic-UI components available to your project

Containers

<http://semantic-ui.com/elements/container.html>

When To Use

A container is an element designed to contain page elements to a reasonable maximum width based on the size of a user's screen. This is useful to couple with other UI elements like [grid](#) or [menu](#) to restrict their width to a reasonable size for display.

Container Sizes

Containers are designed to responsively adjust their maximum width based on the size of the screen they are appearing.

	Mobile	Tablet	Small Monitor	Large Monitor
Width	100%	723px <small>?</small>	933px <small>?</small>	1127px <small>?</small>
Gutter Size	1em	Fluid	Fluid	Fluid
Responsive Visibility	mobile only	tablet only	small monitor only	large monitor only
Device Width	below 768px	768px - 991px	992px - 1200px	above 1200px

ui container

```
<body>
  
  <section class="ui container">
    <% include('./partials/_header.ejs'); %>
    <% yield %>
    <% include('./partials/_footer.ejs'); %>
  </section>
</body>
```



Welcome to the App Bundle Store

- [Home](#)
- [Apps](#)
- [Directions](#)

This store brings you *great app bundles* week after week. We select the best power user apps from a broad range of suppliers and combine them into great deals. These are the highest quality apps from the best publishers, at great prices.

Whether you are interested in gaming or graphics design, software development or media production - we have the bundle for you. Each [app bundle](#) is designed to compliment the others, delivering you an exciting take on a scene.

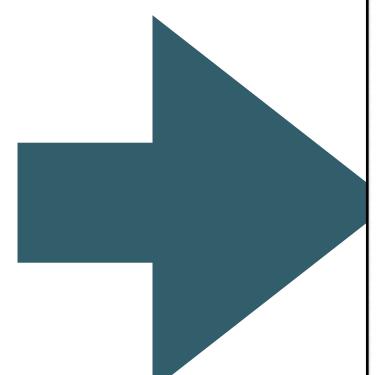
Our guarantee: at the store, we're committed to providing you, with an exceptional quality and reliability. Every application is checked in detail for stability, usability and inter-operability. If you are unhappy with any individual app in a bundle we will refund you the full amount for the complete suite, no questions asked.

Favourites

These are some of our favourites

- Hype by Tumult
- Webstorm by Idea
- Sublime, by sublimetext.com
- Desktop Utility by Sweet Productions

Favourites



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Segment

A segment is used to create a grouping of related content

 Star

44,587

 Tweet

ui segment

2 Themes

Download

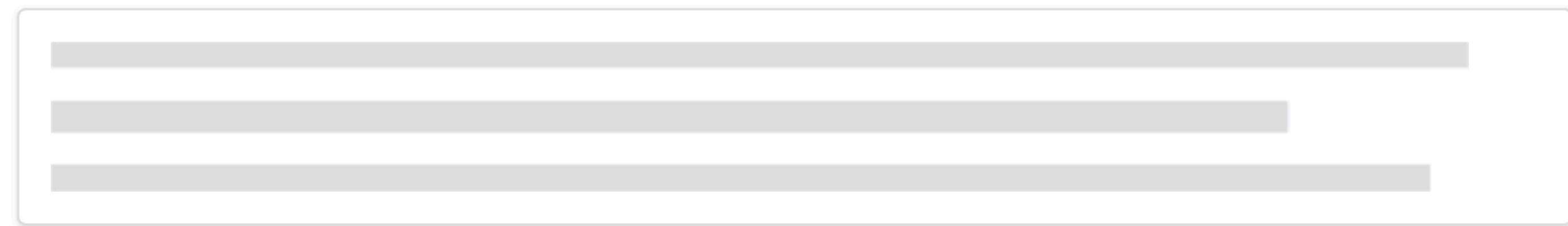


Types



Segment

A segment of content



```
<article class="ui segment">
  <p>
    This store brings you great app bundles week after week. We select the best power user apps from a
    broad range of suppliers and combine them into great deals. These are the highest quality apps from the best
```

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We will be reviewing these favourites in the coming weeks, so please check in again to find out why these are our favourite apps.

Why not come in and walk around the store? Directions are included below.

```
<article class="ui segment">
```

```
<p>
```

```
  This store brings you <em> great app bundles </em> we  
  broad range of suppliers and combine them into great
```

<>

Segment

A segment of content

Segment Types

Raised

<>

A segment may be formatted to raise above the page.

Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.

Stacked

<>

A segment can be formatted to show it contains multiple pages

Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.

<>

This button reveals source

Eg: Raised Segments

Raised

A segment may be formatted to raise above the page.



Example



Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat eleifend leo.

```
<div class="ui raised segment">
  <p>Pellentesque habitant morbi tristique senectus et netus et
  malesuada fames ac turpis egestas. Vestibulum tortor quam, feugiat
  vitae, ultricies eget, tempor sit amet, ante. Donec eu libero sit amet
  quam egestas semper. Aenean ultricies mi vitae est. Mauris placerat
  eleifend leo.</p>
</div>
```

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```
<article class="ui stacked segment">
  <p>
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  <p>
    Whether you are interested in gaming or graphics design, software development or media production - we have the bundle for you. Each <a href="#">app bundle</a> is designed to compliment the others, delivering you an exciting take on a scene. </p>
  <p>
    Our guarantee: at the store, we're committed to providing you with an exceptional quality and reliability. Every application is checked in detail for stability, usability and inter-operability. If you are unhappy with any individual app in a bundle we will refund you the full amount for the complete suite, no questions asked. </p>
  <h2>Favourites</h2>
  <p> These are some of our favourites </p>
  <ul>
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  </ul>
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  <p> Why not come in and walk around the store? Directions are included below. </p>
</article>
</div>
```

Why not come in and walk around the store? Directions are included below.

media production - we have the bundle for you. Each [app bundle](#) is designed to compliment the others, delivering you an exciting take on a scene.

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