

Bootstrap 2

Open Source Summit
January 31, 2012



@mdo

Lets talk

Boot·strap |'boōt,strap|

noun

1. simple and flexible HTML, CSS, and Javascript for popular user interface components and interactions.

Numbers

16,300+
watchers

3,000+
forks

852
commits to v2

1,400+
closed issues

History lesson



Blueprint

Our visual, interaction, and code style guide

HOW TO USE BLUEPRINT

- 1 Hotlink to the compiled CSS**
 Directly link to one compiled CSS, head or a specific version (in the changelog).
<http://tools.local.twitter.com/blueprint...>
- 2 Download the source**
 Use Less.js and our uncompiled files to roll your own custom awesome sauce.
[Download Source](#)
- 3 Pull the git repo and have at it!**
 Checkout the git repo, tools-common, and read the README.
<http://cgit.local.twitter.com/tools-com...>

About Blueprint

Blueprint is a way to bootstrap your internal (and external!) Twitter tools with (near) production-ready CSS.

It includes global CSS styles for typography, forms, buttons, tables, grids, navigation, alerts, and more.

The CSS is supercharged with Less.js, a framework that sits on top of regular ol' CSS. [It's awesome.](#)

Changelog

A static list of recent updates to denote major changes or releases in the blueprint.

Date	Version	Changes
11/30/2010	1.3.0	Bugfix and ???.
11/10/2010	1.2.0	Updated to resolve a few bugs in how table and form style are done; major Less code refactor to nest rules for faster/easier coding.
10/12/2010	1.1.0	Adding in Twitter.com's main sprite icons for use in your super awesome apps, modified the blue topbar styles, new Larry T. Bird logo
09/22/2010	1.0.2	Updated topbars to match #NewTwitter styles, added pills and tabs to Patterns, simplified form styles, misc bug fixes
09/14/2010	1.0.1	Revamped fluid and fixed layouts, recompiled several CSS files into one, fixed a few bugs
08/01/2010	1.0.0	Blueprint is born!

Bootstrap, from Twitter

Bootstrap is a toolkit from Twitter designed to kickstart development of webapps and sites. It includes base CSS and HTML for typography, forms, buttons, tables, grids, navigation, and more.

Nerd alert: Bootstrap is **built with Less** and was designed to work out of the gate with modern browsers in mind.

HOTLINK THE CSS

For the quickest and easiest start, just copy this snippet into your webpage.

```
<link rel="stylesheet" href="http://twitter.github.com/
```

USE IT WITH LESS

A fan of using Less? No problem, just clone the repo and add these lines:

```
<link rel="stylesheet/less" href="/path/to/bootstrap-  
<script src="/path/to/less.js"></script>
```

FORK ON GITHUB

Download, fork, pull, file issues, and more with the official Bootstrap repo on Github.

[Bootstrap on GitHub »](#)

Currently v1.3.0

About Bootstrap Brief history, browser support, and more

History

Engineers at Twitter have historically used almost any library they were familiar with to meet front-end requirements. Bootstrap began as an answer to the challenges that presented. With the help of many awesome folks, Bootstrap has grown significantly.

Read more on [dev.twitter.com](#) »

[Follow](#) @twbootstrap · 1,134 followers

Browser support

Bootstrap is tested and supported in major modern browsers like Chrome, Safari, Internet Explorer, and Firefox.



- Latest Safari
- Latest Google Chrome
- Firefox 4.0

What's included

Bootstrap comes complete with compiled CSS, uncompiled, and example templates.

- **NEW IN 1.3** [Javascript plugins](#)
- All original .less files
- Fully [compiled](#) and [minified](#) CSS
- Complete styleguide documentation
- Three example pages with different layouts

Bootstrap, from Twitter

Simple and flexible HTML, CSS, and Javascript for popular user interface components and interactions.

[View project on GitHub](#)[Download Bootstrap](#)[Upgrading from 1.4](#)[Issues](#)[Roadmap](#)[Changelog](#)[Watch](#)

16,198

[Fork](#)

3,036

[Follow @twbootstrap](#)[Tweet](#)

23.9K

Designed for everyone, everywhere.

Need reasons to love Bootstrap? Look no further.



Built for and by nerds

Like you, we love building awesome products on the web. We love it so much, we decided to help people just like us do it easier, better, and faster. Bootstrap is built for you.



For all skill levels

Bootstrap is designed to help people of all skill level—designer or developer, huge nerd or early beginner. Use it as a complete kit or use to start something more complex.



Cross-everything

Originally built with only modern browsers in mind, Bootstrap has evolved to include support for all major browsers (even IE7!) and, with Bootstrap 2, tablets and smartphones, too.

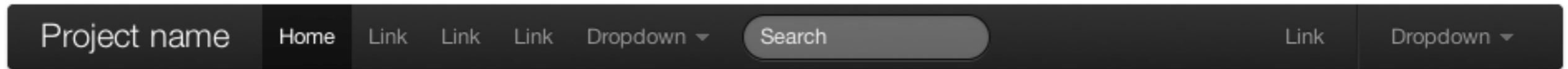
What's new?

Docs

Navbar

Static navbar example

An example of a static (not fixed to the top) navbar with project name, navigation, and search form.



Navbar scaffolding

The navbar requires only a few divs to structure it well for static or fixed display.

```
1. <div class="navbar">
2.   <div class="navbar-inner">
3.     <div class="container">
4.       ...
5.     </div>
6.   </div>
7. </div>
```

To make the navbar fixed to the top of the viewport, add `.navbar-fixed-top` to the outermost div, `.navbar`. In your CSS, you will also need to account for the overlap it causes by adding `padding-top: 40px;` to your `<body>`.

```
1. <div class="navbar navbar-fixed-top">
2.   ...
3. </div>
```

Brand name

A simple link to show your brand or project name only requires an anchor tag.

```
1. <a class="brand" href="#">
2.   Project name
3. </a>
```

Search form

Nav links

Nav items are simple to add via unordered lists.

```
1. <ul class="nav">
2.   <li class="active">
3.     <a href="#">Home</a>
4.   </li>
5.   <li><a href="#">Link</a></li>
6.   <li><a href="#">Link</a></li>
7. </ul>
```

Adding dropdowns

Adding dropdowns to the nav is super simple, but does require the use of [our javascript plugin](#).

```
1. <ul class="nav">
2.   <li class="dropdown">
3.     <a href="#"
4.       class="dropdown-toggle"
5.       data-toggle="dropdown">
6.       Account
7.       <b class="caret"></b>
8.     </a>
9.     <ul class="dropdown-menu">
10.      ...
11.    </ul>
12.   </li>
13. </ul>
```

Responsive

Bootstrap, from Twitter

Simple and flexible HTML, CSS, and Javascript for popular user interface components and interactions.

[View project on GitHub](#)

Upgrading from 1.4 Issues Roadmap Changelog Watch 16,198

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Like you, we love building awesome products on the web. We love it so much, we decided to help people just like us do it easier, better, and faster. Bootstrap is built for you.

For all skill levels

Bootstrap is designed to help people of all skill level—designer or developer, huge beginner. Use it as a complete kit or something more complex.

12-column grid

Grid systems aren't everything, but having a durable and flexible one at the core of your work can make development much simpler. Use our built-in grid classes or roll your own.

Responsive design

With Bootstrap 2, we've gone fully responsive. Our components are scaled according to a range of resolutions and devices to provide a consistent experience, no matter what.

Growing library

Despite being only 10kb (gzipped), Bootstrap is one of the most complete front-end toolkits out there with dozens of fully functional components ready to be put to use.

Custom jQuery plugins

What good is an awesome design component without easy-to-use, proper, and extensible interactions? With Bootstrap, you get custom-built jQuery plugins to bring your projects to life.

Bootstrap

Bootstrap, from Twitter

Simple and flexible HTML, CSS, and Javascript for popular user interface components and interactions.

[View project on GitHub](#) [Download Bootstrap](#)

Upgrading from 1.4 Issues Roadmap Changelog Watch 16,212 Fork 3,000

[Follow @twbootstrap](#) [Tweet](#) 23.9K

Designed for everyone, everywhere

Need reasons to love Bootstrap? Look no further.

- Built for and by nerds**
Like you, we love building awesome products on the web. We love it so much, we decided to help people just like us do it easier, better, and faster. Bootstrap is built for you.
- For all skill levels**
Bootstrap is designed to help people of all skill level—designer or developer, huge nerd or early beginner. Use it as a complete kit or use to start something more complex.
- Cross-event support**
Originally built with desktop browsers in mind, Bootstrap evolved to include support for major browsers (even Internet Explorer), tablets, and smartphones, too.
- 12-column grid**
Grid systems aren't everything, but having a durable and flexible one at the core of your work can make development much simpler. Use our built-in grid classes or roll your own.
- Responsive design**
With Bootstrap 2, we've gone fully responsive. Our components are scaled according to a range of resolutions and devices to provide a consistent experience, no matter what.
- Styleguide**
Unlike other front-end frameworks, Bootstrap was designed foremost as a styleguide. It's a document not only of best practices and patterns, but also of examples.
- Growing library**
Despite being only 10kb (gzipped), Bootstrap is one of the most complete front-end toolkits out there with dozens of fully functional components ready to be put to use.
- Custom jQuery plugins**
What good is an awesome design component without easy-to-use, proper, and extensible interactions? With Bootstrap, you get custom-built jQuery plugins to bring your projects to life.
- Less**
Built on LESS. Where vanilla CSS falls short, LESS excels. Variables, nesting, operations, and mixins make coding CSS more efficient with minimal code.
- HTML5**
Built to support new HTML5 elements and syntax.
- CSS3**
Progressively enhanced components for ultimate style.
- Open-source**
Built for and maintained by the community via GitHub.
- Made with love**
Brought to you by a team of experienced engineers and designers.



```
// Small devices
@media (max-width: 480px) { ... }

// Tablets (Portrait)
@media (max-width: 768px) { ... }

// Tablets (Landscape)
@media (min-width: 768px) and
      (max-width: 980px) { ... }

// Desktop small & tablets
@media (max-width: 980px) { ... }

// Desktop large
@media (max-width: 1200px) { ... }
```

CSS

Smarter defaults, better classes.


```
<form>
  <label>Label</label>
  <input type="text" class="span3">

  <label class="checkbox">
    <input type="checkbox"> Check me out
  </label>

  <button class="btn">Submit</button>
</form>
```

```
// Tables
.table { ... }
.table-striped { ... }
.table-bordered { ... }
.table-condensed { ... }

// Forms
.form-inline { ... }
.form-search { ... }
.form-horizontal { ... }

// Nav
.nav { ... }
.nav-tabs { ... }
.nav-pills { ... }
```

What else?

Scaffolding

Fluid grid system
Inline and search forms

Base CSS

Improved buttons support
Icons, by Glyphicons

Components

Button groups and toolbars
Dropdown buttons
Dropdowns in pills
Stacked tabs and pills
Overhauled thumbnails
New alert styles
Progress bars



@fat

(0_0)

The vision

data-*

```
// 1.x closing modal/alerts  
<a class="close" href="#">  
    &times;  
</a>
```



```
// Example dismiss  
<a class="close" data-dismiss="modal">  
  &times;  
</a>
```

```
// href = target  
<a href="#myModal" data-toggle="modal">  
  Launch  
</a>
```

```
// data-target = target  
<a data-target=".fat" data-toggle="modal">  
  Launch  
</a>
```

```
// Example options in markup  
data-keyboard="false" data-backdrop="static"
```

```
// Turn off all data-api  
$('body').off('.data-api')
```

```
// Turn off alert data-api  
$('body').off('.alert.data-api')
```

js API

Same stuff, but better.

```
$.fn.modal.defaults = { ... }
```

`$.fn.popover.Constructor`

```
$( '[rel=popover]' ).data( 'popover' )
```


12 plugins

Collapse · Carousel · Typeahead

Collapse bootstrap-collapse.js

About

Get base styles and flexible support for collapsible components like accordions and navigation.

Download file

Example accordion

Using the collapse plugin, we built a simple accordion style widget:

Collapsible Group Item #1

Anim pariatur cliche reprehenderit, enim eiusmod high life accusamus terry richardson ad squid. 3 wolf moon officia aute, non cupidatat skateboard dolor brunch. Food truck quinoa nesciunt laborum eiusmod. Brunch 3 wolf moon tempor, sunt aliqua put a bird on it squid single-origin coffee nulla assumenda shoreditch et. Nihil anim keffiyeh helvetica, craft beer labore wes anderson cred nesciunt sapiente ea proident. Ad vegan excepteur butcher vice lomo. Leggings occaecat craft beer farm-to-table, raw denim aesthetic synth nesciunt you probably haven't heard of them accusamus labore sustainable VHS.

Collapsible Group Item #2

Collapsible Group Item #3

Using bootstrap-collapse.js

Enable via javascript:

```
1. $(".collapse").collapse()
```

Carousel bootstrap-carousel.js

About

A generic plugin for cycling through elements. A merry-go-round.

[Download file](#)

Example carousel

Watch the slideshow below.



Using bootstrap-carousel.js

Call via javascript:

```
1. $('.carousel').carousel()
```

Typeahead bootstrap-typeahead.js

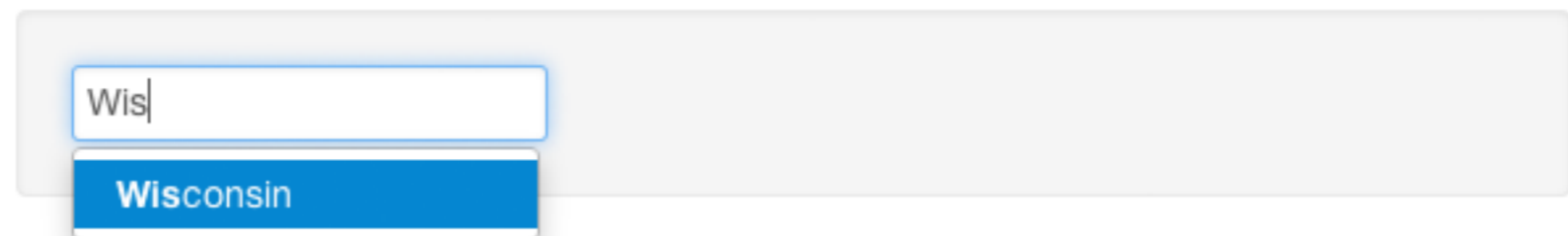
About

A basic, easily extended plugin for quickly creating elegant typeaheads with any form text input.

[Download file](#)

Example

Start typing in the field below to show the typeahead results.



A screenshot of a typeahead search field. The input field contains the text "Wis|". Below the input field, a dropdown menu is open, displaying a single suggestion: "Wisconsin". The suggestion is highlighted with a blue background.

Using bootstrap-typeahead.js

Call the typeahead via javascript:

```
1. $('.typeahead').typeahead()
```

Customize

Customize and download

[Download the full repository](#) or customize your entire Bootstrap build by selecting only the components, javascript plugins, and assets you need.

[1. Choose components](#)[2. Select jQuery plugins](#)[3. Customize variables](#)[4. Download](#)

1. Chose components Get just the CSS you need

[Toggle all](#)

Scaffolding

 CSS reset Grid system Layouts

Base CSS

 Headings, body, etc Code and pre Labels Tables

Components

 Button groups and dropdowns Navs, tabs, and pills Navbar Breadcrumbs Pagination Pager Thumbnails Alerts

JS Components

 Tooltips Popovers Modals Dropdowns Collapse Carousel

Miscellaneous

 Wells Close icon Utilities Component animations

Responsive

 Responsive layouts

2. Select jQuery plugins Quickly add only the necessary javascript

Toggle all

Transitions (required for any animation)

Modals

Dropdowns

Scrollspy

Toggable tabs

Tooltips

Popovers (requires Tooltips)

Alert messages

Buttons

Collapse

Carousel

Typeahead

Heads up!

All plugins require the latest version of [jQuery](#) to be included.

3. Customize variables Optionally modify Bootstrap without a compiler

Reset to defaults

Links

@linkColor

#08c

@linkColorHover

darken(@linkColor, 15%)

Colors

@blue

#049cdb

@green

#46a546

Grid system

@gridColumns

12

@gridColumnWidth

60px

@gridGutterWidth

20px

Fluid grid system

@fluidGridColumnWidth

6.382978723%

Forms

@primaryButtonColor

@blue

@placeholderText

@grayLight

Navbar

@navbarHeight

40px

@navbarBackground

@grayDarker

Form states & alerts

@warningText

#c09853

@warningBackground

#fcf8e3

@errorText

#b94a48

@errorBackground

#f2dede

@successText

#468847

3. Customize variables Optionally modify Bootstrap without a compiler

Reset to defaults

Links

@linkColor

#08c

@linkColorHover

darken(@linkColor, 15%)

Colors

@blue

#049cdb

@green

#46a546

@red

#9d261d

@yellow

#ffc40d

@orange

#f89406

@pink

#c3325f

@purple

#7a43b6

Grid system

@gridColumns

12

@gridColumnWidth

60px

@gridGutterWidth

20px

Fluid grid system

@fluidGridColumnWidth

6.382978723%

@fluidGridGutterWidth

2.127659574%

Typography

@baseFontSize

13px

@baseFontFamily

'Helvetica Neue', Helvetica, Arial, sans-serif

@baseLineHeight

18px

Forms

@primaryButtonColor

@blue

@placeholderText

@grayLight

Navbar

@navbarHeight

40px

@navbarBackground

@grayDarker

@navbarBackgroundHighlight

@grayDark

@navbarText

@grayLight

@navbarLinkColor

@grayLight

@navbarLinkColorHover

@white

Form states & alerts

@warningText

#c09853

@warningBackground

#fcf8e3

@errorText

#b94a48

@errorBackground

#f2dede

@successText

#468847

@successBackground

#dff0d8

@infoText

#3a87ad

@infoBackground

#d9edf7

#ffc40d

@orange
#f89406

@pink
#c3325f

@purple
#7a43b6

Typography

@baseFontSize
13px

@baseFontFamily
'Helvetica Neue', Helvetica, A

@baseLineHeight
18px

@grayLight

@navbarLinkColor
@grayLight

@navbarLinkColorHover
@white

@infoText
#3a87ad

@infoBackground
#d9edf7

4. Download

Customize and Download

What's included?

Downloads include compiled CSS, compiled and minified CSS, and compiled jQuery plugins, all nicely packed up into a zipball for your convenience.

Le future

Internationalization
Improving responsiveness
More new features
Bug fixes

Community

Thanks!

twitter.github.com/bootstrap

Find us online:

twitter.com/mdo

twitter.com/fat

twitter.com/TwBootstrap

github.com/twitter/bootstrap

