

Get a Leg Up with Twitter Bootstrap

Howard M. Lewis Ship

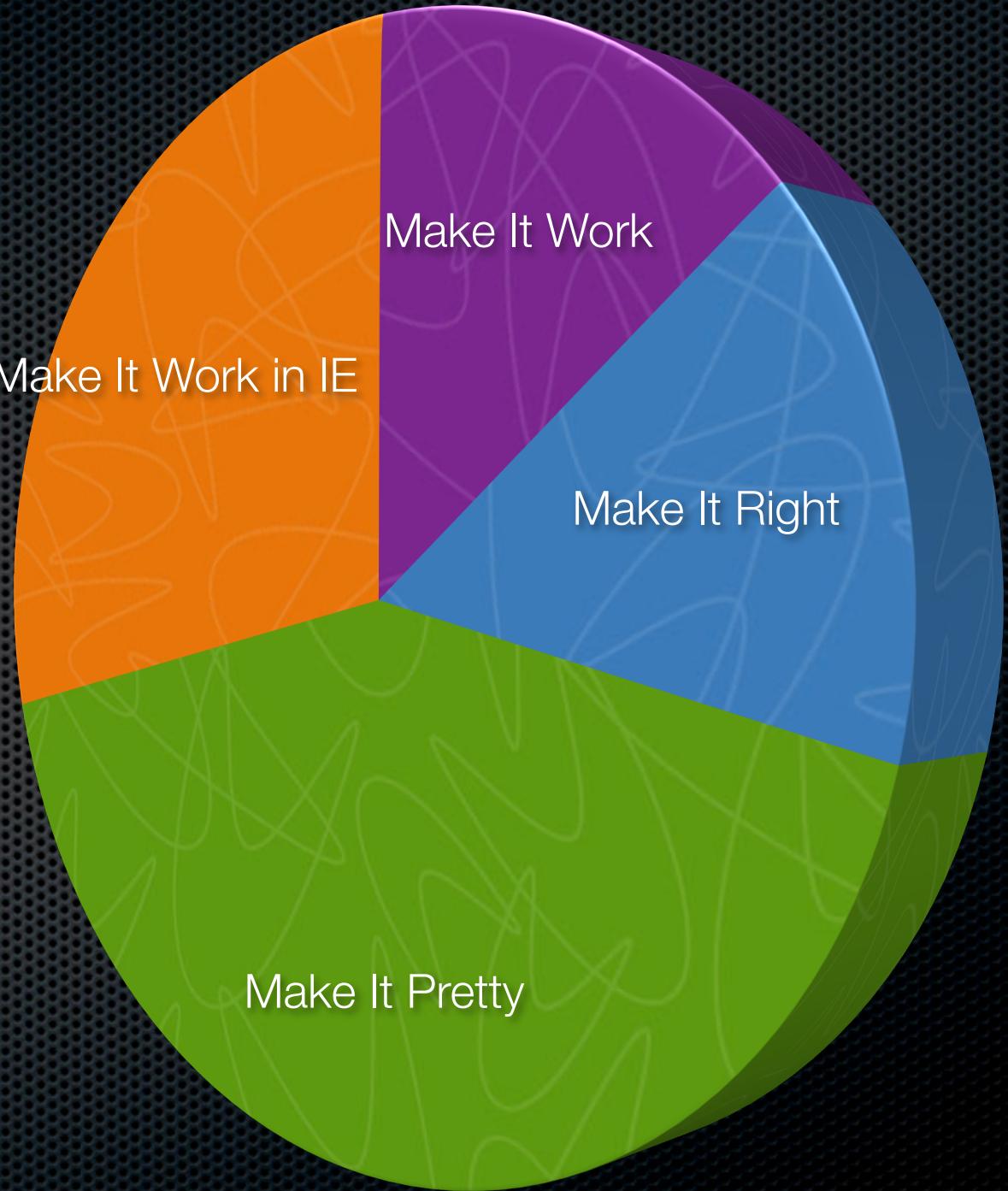
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Rich Client Challenges



- ❖ Bootstrap
 - ❖ Make it pretty
 - ❖ Make it look right under IE
- ❖ Bootstrap.js + jQuery
 - ❖ Make it *interact* right
 - ❖ Make it work right under IE



CAUTION

Caution: CoffeeScript

The screenshot shows a web browser window with the title "CoffeeScript" and the URL "coffeescript.org". The page content includes the CoffeeScript logo, navigation links for "TABLE OF CONTENTS", "TRY COFFEESCRIPT", and "ANNOTATED SOURCE", and a main text block about the language's purpose and compilation process.

CoffeeScript is a little language that compiles into **JavaScript**. Underneath all those awkward braces and semicolons, JavaScript has always had a gorgeous object model at its heart. CoffeeScript is an attempt to expose the good parts of JavaScript in a simple way.

The golden rule of CoffeeScript is: "*It's just JavaScript*". The code compiles one-to-one into the equivalent JS, and there is no interpretation at runtime. You can use any existing JavaScript library seamlessly from CoffeeScript (and vice-versa). The compiled output is readable and pretty-printed, passes through [JavaScript Lint](#) without warnings, will work in every JavaScript runtime, and tends to run as fast or faster than the equivalent handwritten JavaScript.

Latest Version: [1.3.3](#)

Overview

CoffeeScript on the left, compiled JavaScript output on the right.

```
# Assignment:  
number = 42  
opposite = true  
  
# Conditions:  
number = -42 if opposite  
  
# Functions:  
  
var cubes, list, math, num, number, opposite, race, square,  
    __slice = [].slice;  
  
number = 42;  
  
opposite = true;  
  
if (opposite) {
```

Caution: CoffeeScript

- CoffeeScript
 - ➡ “... a little language that compiles into JavaScript”
- Concise and readable
- Optional parenthesis
- Implicit returns
- Concise function definitions

CoffeeScript: Invoking Functions

```
$(".x-cancel").tooltip "hide"
```

```
$(".x-cancel").tooltip("hide")
```

```
collection.add new Quiz(originalModel),  
  at: 0
```

```
collection.add(new Quiz(originalModel), {  
  at: 0  
});
```

CoffeeScript: Defining Functions

```
(x,y) -> x * y
```

```
function (x, y) {  
    return x * y;  
}
```

```
_.map list, (x) -> 2 * x
```

```
_.map(list, function(x) {  
    return 2 * x;  
});
```

```
$(".dontclick").click (event) ->  
    event.stopPropogation()  
    alert "Don't Click!"
```

```
$(".dontclick").click(function(event) {  
    event.stopPropogation();  
    return alert("Don't Click!");  
});
```

CoffeeScript

coffeescript.org

TABLE OF CONTENTS TRY COFFEESCRIPT ANNOTATED SOURCE

CoffeeScript is a little language that compiles into JavaScript. Underneath all those awkward
prabib = (x) -> colon, JavaScript has always had a gorgeous object n var fib; s heart.
CoffeeScript is an attempt to expose the good parts of JavaScript in a simple way.

The golden rule of CoffeeScript is: "It's just JavaScript". The code compiles directly into the
equivalent JS, and there is no interpretation at runtime. You can use any existing JavaScript library
seamlessly from CoffeeScript (and vice-versa). The compiled output is readable and pretty-printed,
passes through [JavaScript Lint](#) without warnings, will work in every JavaScript
environment, and tends to run as fast or faster than the equivalent handwritten JavaScript.

Latest Version: [1.2.0](#)

Run

Link

```
fib = (x) -> colon, JavaScript has always had a gorgeous object n var fib; s heart.  
switch x  
  when 0 then 0  
  when 1 then 1  
  else fib(x - 1) + fib(x - 2)  
  
The golden rule of CoffeeScript is: "It's just JavaScript". The code compiles directly into the  
equivalent JS, and there is no interpretation at runtime. You can use any existing JavaScript library  
seamlessly from CoffeeScript (and vice-versa). The compiled output is readable and pretty-printed,  
passes through JavaScript Lint without warnings, will work in every JavaScript  
environment, and tends to run as fast or faster than the equivalent handwritten JavaScript
```

```
fib = function(x) {  
  switch (x) {  
    case 0:  
      return 0;  
    case 1:  
      return 1;  
    default:  
      return fib(x - 1) + fib(x - 2);  
  }  
};
```

Overview

CoffeeScript on the left, compiled JavaScript output on the right.

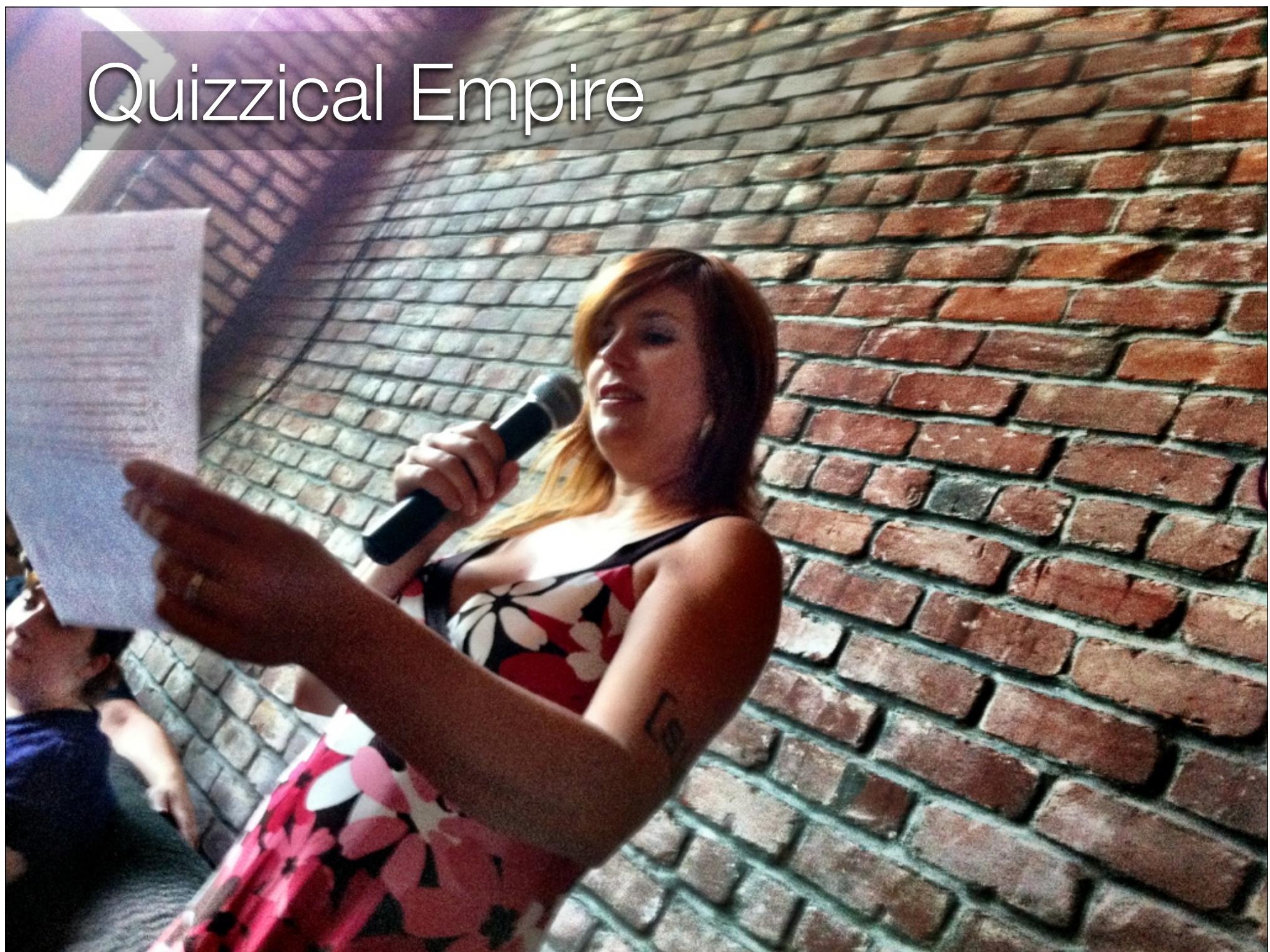
```
# Assignment  
number = 42  
opposite = true  
  
# Conditionals  
number = -42 if opposite  
  
# Functions  
square = (x) -> x * x  
  
# Arrays
```

```
var cubes, list, math, num, number, opposite, race, square  
__slice = Array.prototype.slice;  
  
number = 42;  
  
opposite = true;  
  
if (opposite) number = -42;  
  
square = function(x) {  
  return x * x;  
};
```

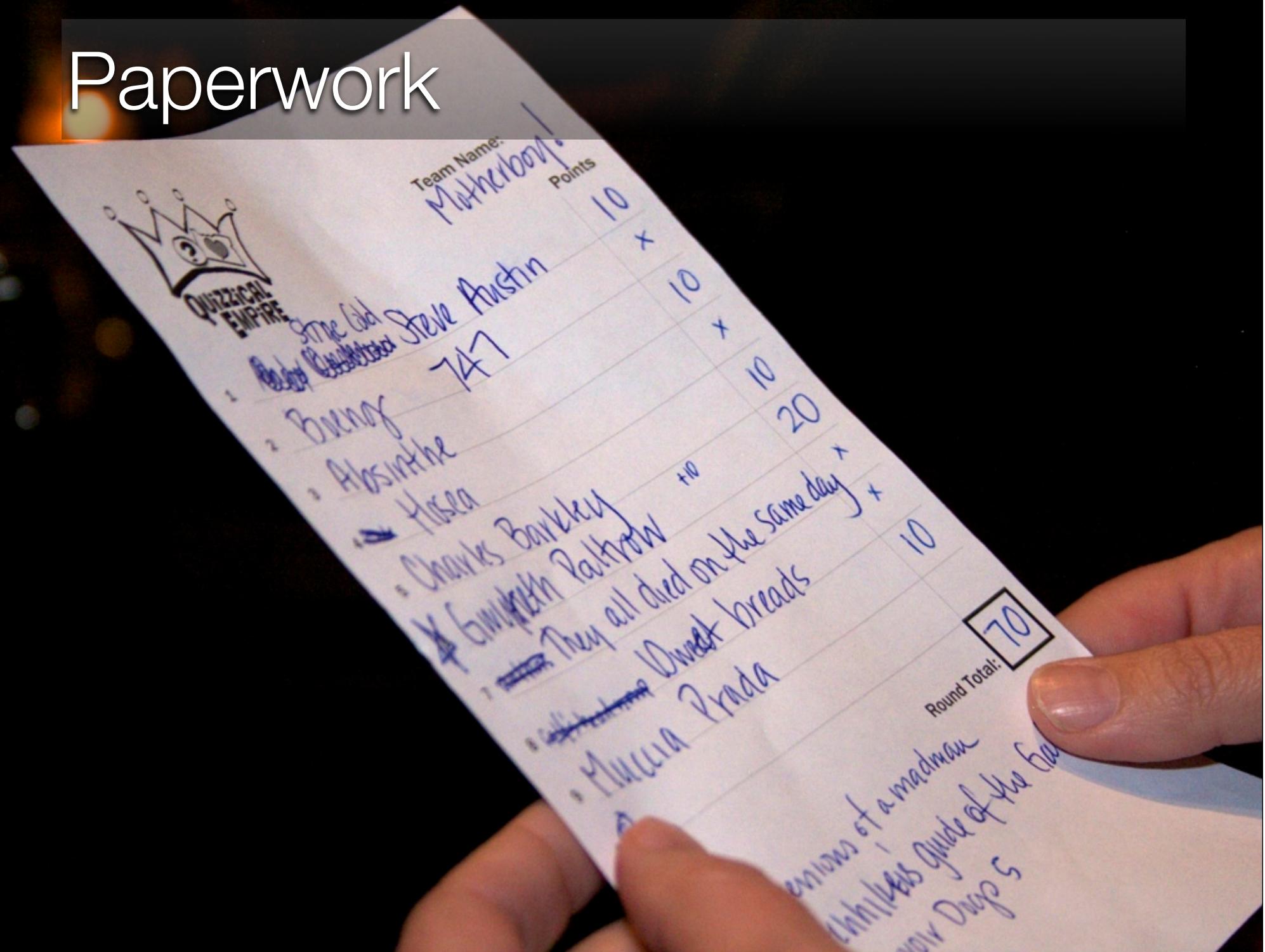
Objects:

```
list = [1, 2, 3, 4, 5];
```

Quizzical Empire



Paperwork



Quizzical Empire

localhost:5000/?#

Quizzical Empire

Title	Location	Created	
Test Quiz # 88	Undisclosed	2012-04-05T01:17:14.056Z	Edit Delete
Test Quiz # 89	Undisclosed	2012-04-05T01:	Edit Delete
Test Quiz # 90	Undisclosed	2012-04-05T01:	Edit Delete
Test Quiz # 91	Undisclosed	2012-04-05T01:	Edit Delete
Test Quiz # 77	Undisclosed	2012-04-05T01:	Edit Delete
Test Quiz # 4	Undisclosed	2012-04-05T01:	Edit Delete
Quiz #2	Main St.	2012-03-23T22:03:29.165Z	Edit Delete
My Quiz	Portland	2012-03-23T22:01:06.370Z	Edit Delete
By Hand		2012-03-13T22:41:48.624Z	Edit Delete

[Create New Quiz](#) [Create Test Quizzes](#)

The page at localhost:5000 says:
Really delete Quiz?

[Cancel](#) [OK](#)

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Quizzical Empire

localhost:5000/#

Quizzical Empire

Quizzes

Title	Location	Created	
Test Quiz # 88	Undisclosed	2012-04-05T01:17:14.056Z	Actions
Test Quiz # 89	Undisclosed	2012-04-05T01:17:14.056Z	Actions
Test Quiz # 90	Undisclosed	2012-04-05T01:17:14.056Z	Actions
Test Quiz # 91	Undisclosed	2012-04-05T01:17:14.056Z	Actions
Test Quiz # 77	Undisclosed	2012-04-05T01:17:14.055Z	Actions
Test Quiz # 4	Undisclosed	2012-04-05T01:17:14.039Z	Actions
Quiz #2	Main St.	2012-03-23T22:03:29.165Z	Actions
My Quiz	Portland	2012-03-23T22:01:06.370Z	Actions
By Hand		2012-03-13T22:41:48.624Z	Actions

[Create New Quiz](#) [Create Test Quizzes](#)

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Quizzical Empire

localhost:5000/#

Quizzical Empire

Quizzes

Title	Description	Created	Actions
Test Quiz # 88		2012-04-05T01:17:14.055Z	Actions
Test Quiz # 89		2012-04-05T01:17:14.039Z	Actions
Test Quiz # 90		2012-03-23T22:03:29.165Z	Actions
Test Quiz # 91		2012-03-23T22:01:06.370Z	Actions
Test Quiz # 77	Undisclosed	2012-04-05T01:17:14.055Z	Actions
Test Quiz # 4	Undisclosed	2012-04-05T01:17:14.039Z	Actions
Quiz #2	Main St.	2012-03-23T22:03:29.165Z	Actions
My Quiz	Portland	2012-03-23T22:01:06.370Z	Actions
By Hand		2012-03-13T22:41:48.624Z	Actions

Really delete Quiz?

Deletion of quiz **Test Quiz # 88** is immediate and can not be undone.

Delete Quiz Cancel

Create New Quiz Create Test Quizzes

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Twitter Bootstrap

twitter.github.com/bootstrap/

Home Get started Scaffolding Base CSS Components Javascript Customize Bootstrap

Bootstrap

Sleek, intuitive, and powerful front-end framework for faster and easier web development.

Download Bootstrap

[GitHub project](#) [Extend](#) Version 2.1.0

Star 36,636 Fork 8,029 Follow @twbootstrap 33.9K followers Tweet 15.3K

Twitter Bootstrap

- Built by and for nerds
- All skill levels
- Desktop, tablets ... even smartphones and IE
- Custom jQuery Plugins
- Based on LESS for customizability

Popular Starred Repositories

GitHub, Inc. [US] https://github.com/popular/starred

github Search... Explore Gist Blog Help hship

Popular Starred Repositories

Explore Repositories Languages Timeline Search

Interesting Popular Forked Popular Starred

Repository	Owner	Last Commit	Commit History (52 week participation)
bootstrap	twitter	13 Sep 09:55	
node	joyent	13 Sep 09:47	
jquery	jquery	13 Sep 08:54	
rails	rails	13 Sep 09:43	
html5-boilerplate	h5bp	13 Sep 08:56	
impress.js	bartaz	13 Sep 09:59	
Spoon-Knife	octocat	13 Sep 09:38	
backbone	documentcloud	13 Sep 07:58	

Minimal Setup

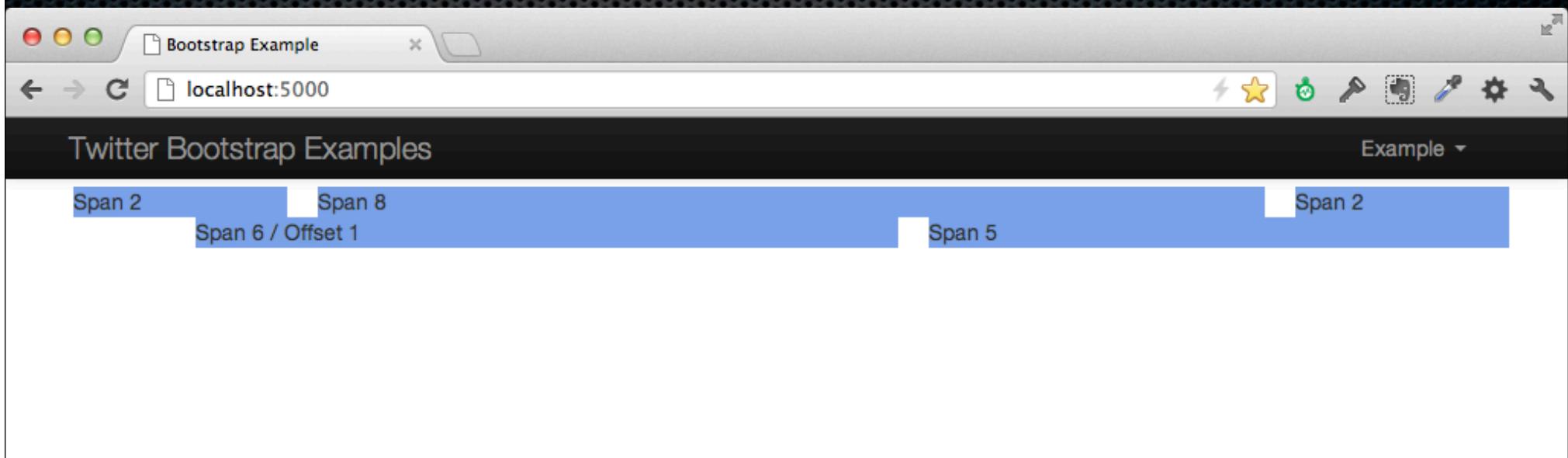
```
<!DOCTYPE html>
<html>
<head>
  <link rel="stylesheet" href="/bootstrap/css/bootstrap.css">
  <script src="/bootstrap/js/bootstrap.js"></script>
</head>
<body>
  ...
</body>
</html>
```

12 Column Grid



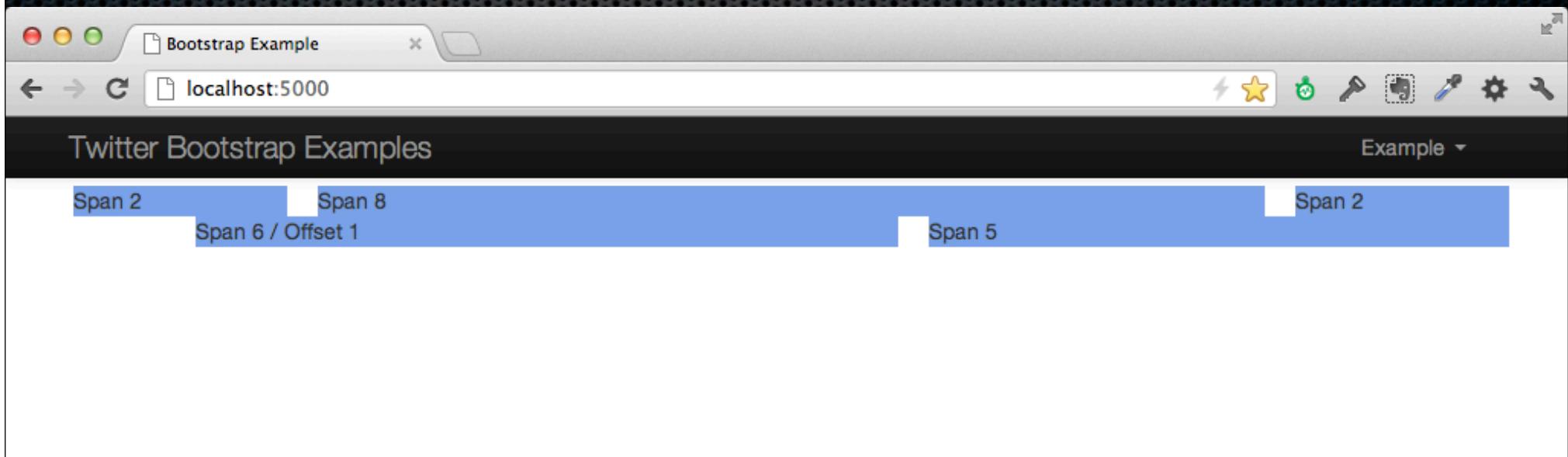
12 Column Grid

```
<div class="container">
  <div class="row">
    <div class="span2">Span 2</div>
    <div class="span8">Span 8</div>
    <div class="span2">Span 2</div>
  </div>
  <div class="row">
    <div class="span6 offset1">Span 6 / Offset 1</div>
    <div class="span5">Span 5</div>
  </div>
</div>
```



12 Column Grid – Jade

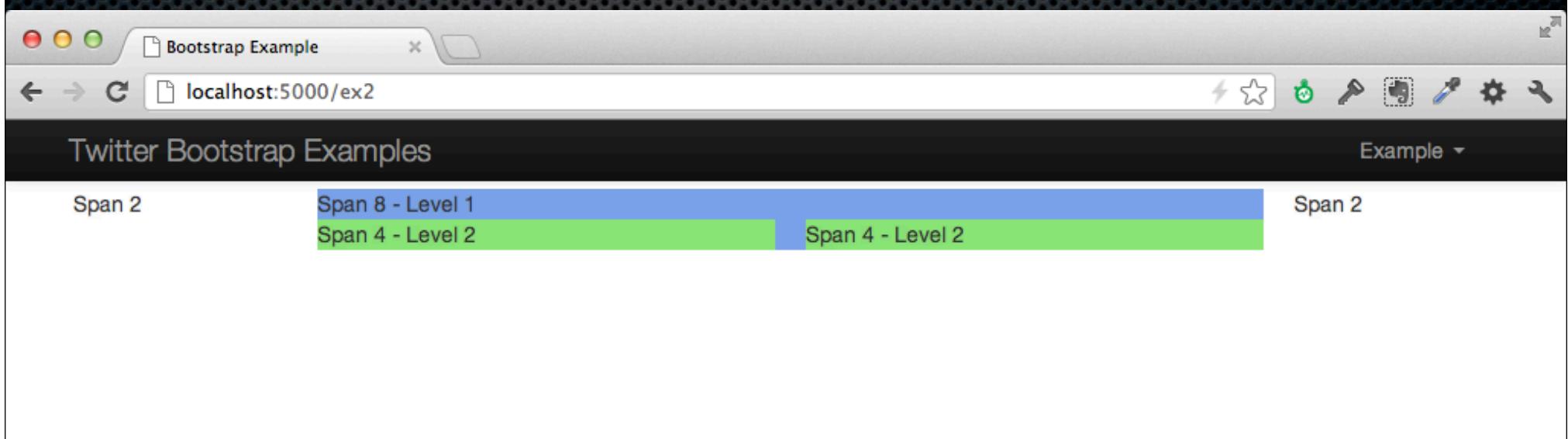
```
.container
  .row
    .span2 Span 2
    .span8 Span 8
    .span2 Span 2
  .row
    .span6.offset1 Span 6 / Offset 1
    .span5 Span 5
```



Nested Rows

```
.container
  .row
    .span2 Span 2
    .span8 Span 8 - Level 1
      .row
        .span4 Span 4 - Level 2
        .span4 Span 4 - Level 2
    .span2 Span 2
```

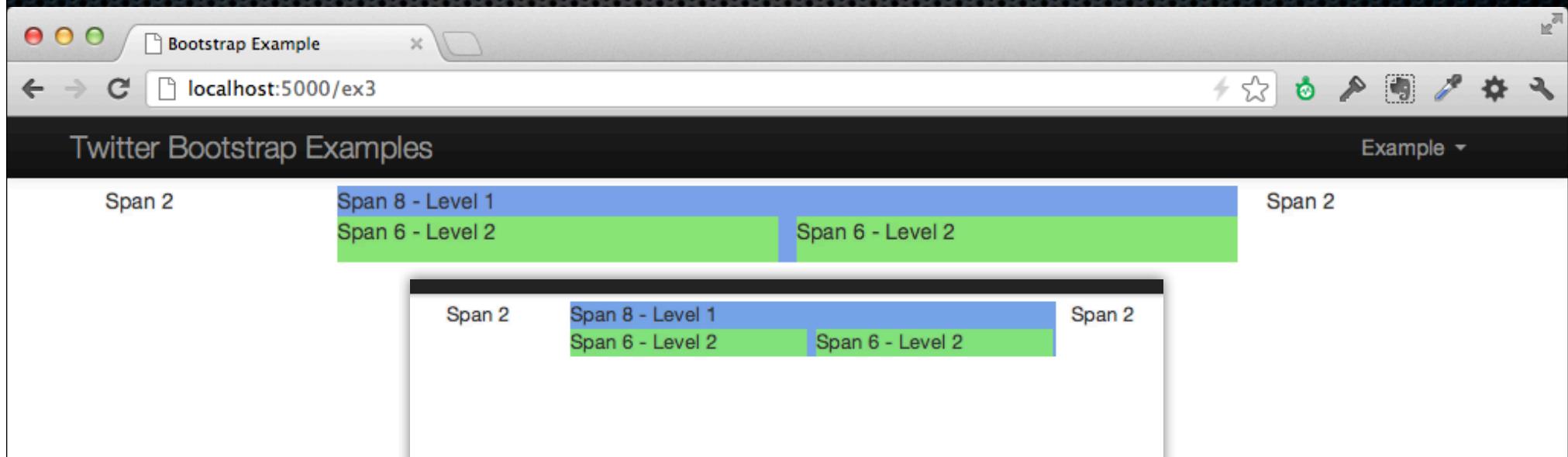
Add up to
container
span



Fluid Layout

```
.container-fluid  
  .row-fluid  
    .span2 Span 2  
    .span8 Span 8 - Level 1  
      .row-fluid  
        .span6 Span 6 - Level 2  
        .span6 Span 6 - Level 2  
    .span2 Span 2
```

Add up to 12



General Bootstrap Approach

- Basic, *semantic*, markup
- Reasonable default look
- Simple CSS classes: "row", "span3", "offset1"
- Additive: more CSS classes to tune

Tables

```
table.span12.table
  caption
    | Table with class "
      span
    |
  thead: tr
    th.span8 Column A
    th Column B
    th.span2 Column C
  tbody
    each row in [1, 2, 3, 4]
      tr
        each cell in ["A", "B", "C"]
          td Cell #{row}-#{cell}
```

Bootstrap Example

localhost:5000/ex4

Twitter Bootstrap Examples

Example ▾

table striped bordered hover condensed

Table with class "span12 table"

Column A	Column B	Column C
Cell 1-A	Cell 1-B	Cell 1-C
Cell 2-A	Cell 2-B	Cell 2-C
Cell 3-A	Cell 3-B	Cell 3-C
Cell 4-A	Cell 4-B	Cell 4-C

Buttons

Button	class=""	Description
Default	btn	Standard gray button with gradient
Primary	btn btn-primary	Provides extra visual weight and identifies the primary action in a set of buttons
Info	btn btn-info	Used as an alternate to the default styles
Success	btn btn-success	Indicates a successful or positive action
Warning	btn btn-warning	Indicates caution should be taken with this action
Danger	btn btn-danger	Indicates a dangerous or potentially negative action
Inverse	btn btn-inverse	Alternate dark gray button, not tied to a semantic action or use

- Use with:

- <a>
- <button>
- <input type="submit">
- <input type="button">
- <input type="reset">

CSS Class	
btn btn-primary	Primary
btn btn-primary btn-large	Primary
btn btn-primary btn-small	Primary
btn btn-primary btn-mini	Primary
btn btn-primary disabled	Primary

Glyphicons

Ȑ icon-glass	ȑ icon-refresh	Ȕ icon-pencil	ȏ icon-arrow-left
ȑ icon-music	Ȓ icon-list-alt	ȕ icon-map-marker	Ȕ icon-arrow-right
ȑ icon-search	Ȓ icon-lock	Ȕ icon-adjust	Ȕ icon-arrow-up
ȑ icon-envelope	Ȓ icon-flag	Ȕ icon-tint	Ȕ icon-arrow-down
ȑ icon-heart	Ȓ icon-headphones	Ȕ icon-edit	Ȕ icon-share-alt
ȑ icon-star	Ȕ icon-volume-off	Ȕ icon-share	Ȕ icon-resize-full
ȑ icon-star-empty	Ȕ icon-volume-down	Ȕ icon-check	Ȕ icon-resize-small
ȑ icon-user	Ȕ icon-volume-up	Ȕ icon-move	Ȕ icon-plus
ȑ icon-film	Ȕ icon-qrcode	Ȕ icon-step-backward	Ȕ icon-minus
ȑ icon-th-large	Ȕ icon-barcode	Ȕ icon-fast-backward	Ȕ icon-asterisk
ȑ icon-th	Ȕ icon-tag	Ȕ icon-backward	Ȕ icon-exclamation-sign
ȑ icon-th-list	Ȕ icon-tags	Ȕ icon-play	Ȕ icon-gift
ȑ icon-ok	Ȕ icon-book	Ȕ icon-pause	Ȕ icon-leaf
ȑ icon-remove	Ȕ icon-bookmark	Ȕ icon-stop	Ȕ icon-fire
ȑ icon-zoom-in	Ȕ icon-print	Ȕ icon-forward	Ȕ icon-eye-open
ȑ icon-zoom-out	Ȕ icon-camera	Ȕ icon-fast-forward	Ȕ icon-eye-close
ȑ icon-off	Ȕ icon-font	Ȕ icon-step-forward	Ȕ icon-warning-sign
Ȕ icon-signal	Ȕ icon-bold	Ȕ icon-eject	Ȕ icon-plane
Ȕ icon-cog	Ȕ icon-italic	Ȕ icon-chevron-left	Ȕ icon-calendar
Ȕ icon-trash	Ȕ icon-text-height	Ȕ icon-chevron-right	Ȕ icon-random
Ȕ icon-home	Ȕ icon-text-width	Ȕ icon-plus-sign	Ȕ icon-comment
Ȕ icon-file	Ȕ icon-align-left	Ȕ icon-minus-sign	Ȕ icon-magnet
Ȕ icon-time	Ȕ icon-align-center	Ȕ icon-remove-sign	Ȕ icon-chevron-up
Ȕ icon-road	Ȕ icon-align-right	Ȕ icon-ok-sign	Ȕ icon-chevron-down
Ȕ icon-download-alt	Ȕ icon-align-justify	Ȕ icon-question-sign	Ȕ icon-retweet
Ȕ icon-download	Ȕ icon-list	Ȕ icon-info-sign	Ȕ icon-shopping-cart
Ȕ icon-upload	Ȕ icon-indent-left	Ȕ icon-screenshot	Ȕ icon-folder-close
Ȕ icon-inbox	Ȕ icon-indent-right	Ȕ icon-remove-circle	Ȕ icon-folder-open
Ȕ icon-play-circle	Ȕ icon-facetime-video	Ȕ icon-ok-circle	Ȕ icon-resize-vertical
Ȕ icon-repeat	Ȕ icon-picture	Ȕ icon-ban-circle	Ȕ icon-resize-horizontal

```
button.btn.btn-danger(data-toggle="modal"  
data-target="#danger-alert")  
i.icon-warning-sign.icon-white  
| Do Not Press
```

 Do Not Press

Forms

A screenshot of a web browser window displaying a Twitter Bootstrap registration form example. The browser title bar shows "Bootstrap Example" and the address bar shows "localhost:5000/ex12". The page has a dark header with "Twitter Bootstrap Examples" and "Example ▾". The main content area contains a form with the following fields:

- Form Class: form-horizontal
- E-Mail Address:
- Confirm E-Mail:
- Confirm your E-mail address by entering it again.
-

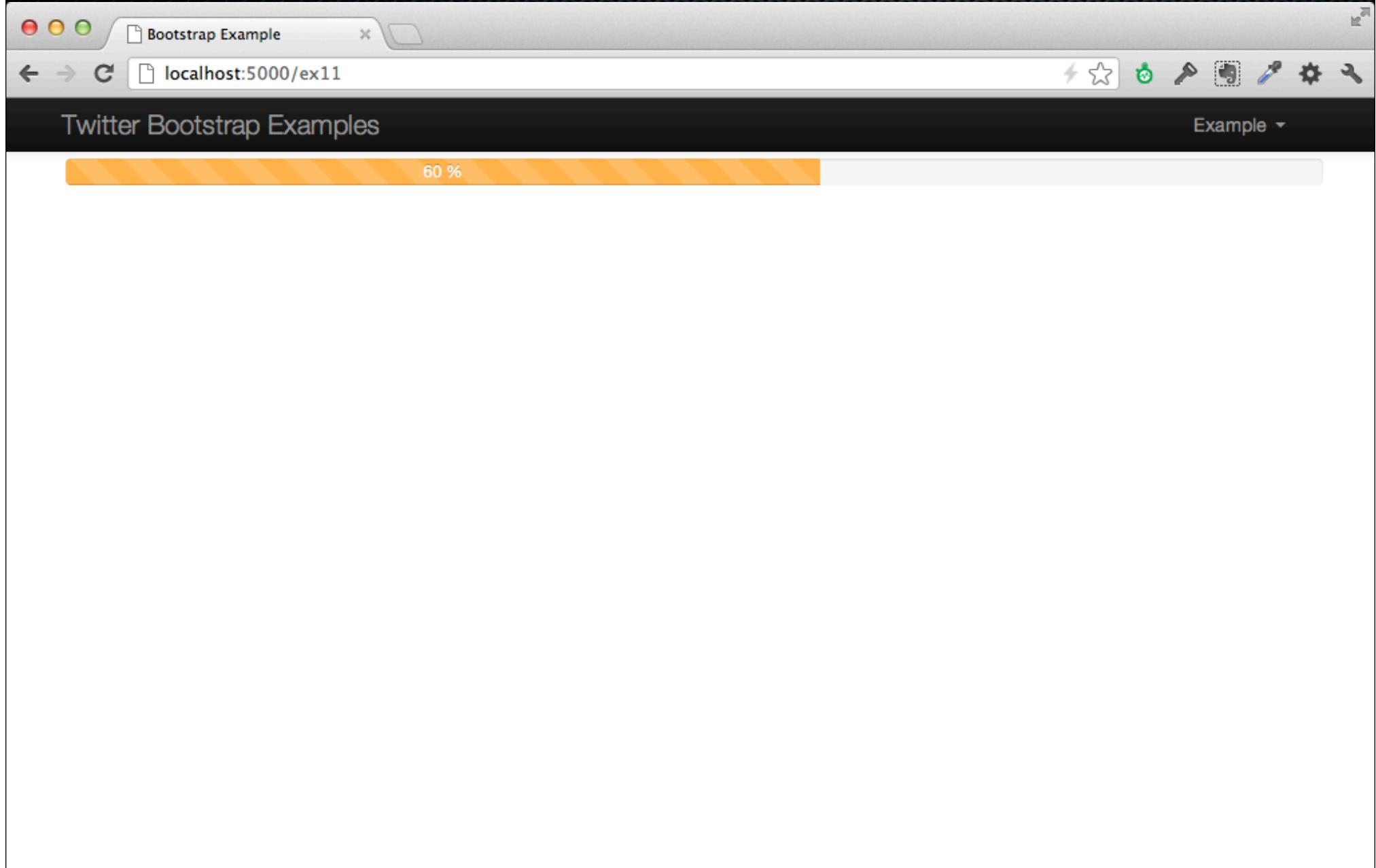
```
form#subject
  .control-group
    label.control-label E-Mail Address:
    .controls
      .input-prepend
        span.add-on: i.icon-envelope
        input.input-large#email(type='text',
          placeholder="you@hostname.com")
  .control-group
    label.control-label Confirm E-Mail:
    .controls
      .input-prepend
        span.add-on: i.icon-envelope
        input.input-large#confirm(type='text',
          placeholder="you@hostname.com")
    p.help-block Confirm your E-mail address by entering it again.
  .form-actions
    button.btn.btn-primary Register
```

Pagination



```
.pagination
  ul
    li: a(href="#") &laquo;
    li: a(href="#") 1
    li: a(href="#") 2
    li: a(href="#") 3
    li: a(href="#") 4
    li: a(href="#") &raquo;
```

Progress Bar



```
.progress.progress-striped.active  
  .bar
```

```
jQuery ($) ->  
  $bar = $(".bar")  
  
  width = 0  
  
  advance = ->  
    width += 10  
  
    $bar.css("width", "#{width}%").text("#{width} %")  
  
    if width is 60  
      $bar.addClass "bar-warning"  
  
    if width is 90  
      $bar.addClass("bar-danger").removeClass("bar-warning")  
  
    if width < 100  
      window.setTimeout advance, 1000  
  
  advance()
```

Labels and Badges

Labels	Markup
Default	<code>Default</code>
Success	<code>Success</code>
Warning	<code>Warning</code>
Important	<code>Important</code>
Info	<code>Info</code>
Inverse	<code>Inverse</code>

Name	Example	Markup
Default	1	<code>1</code>
Success	2	<code>2</code>
Warning	4	<code>4</code>
Important	6	<code>6</code>
Info	8	<code>8</code>
Inverse	10	<code>10</code>

Bootstrap Components

Tab

The screenshot shows a browser window titled "Bootstrap Example" at "localhost:5000/ex6". The page title is "Twitter Bootstrap Examples". Below the title, there is a configuration section with radio buttons for "nav-tabs" (selected), "nav-pills", "nav-list", and "nav-stacked". Under "Default Position", "nav-tabs" is selected. Below this, there is a tab navigation bar with three tabs: "Moe" (selected), "Larry", and "Curly". The "Moe" tab is active, displaying the content "Moe Howard" and an image of Moe Howard.

```
ul.nav.nav-tabs
li.active: a(href="#moe", data-toggle="tab") Moe
li: a(href="#larry", data-toggle="tab") Larry
li: a(href="#curly", data-toggle="tab") Curly
.tab-content
.tab-pane.active#moe
h1 Moe Howard
img(src="images/moe.jpg")
.tab-pane#larry
h1 Larry Fine
img(src="images/larry.jpg")
.tab-pane#curly
h1 Curly Howard
img(src="images/curly.jpg")
```

Moe Howard



Requires **jQuery** and **Twitter Bootstrap.js**

Dynamic Tabs

ex7.jade

```
.container
  ul.nav.nav-tabs
    .tab-content
!= js("ex7")
```

Empty skeleton

ex7.coffee

```
jQuery ($) ->
  tabs = $("ul.nav.nav-tabs")
  tabContent = $(".tab-content")

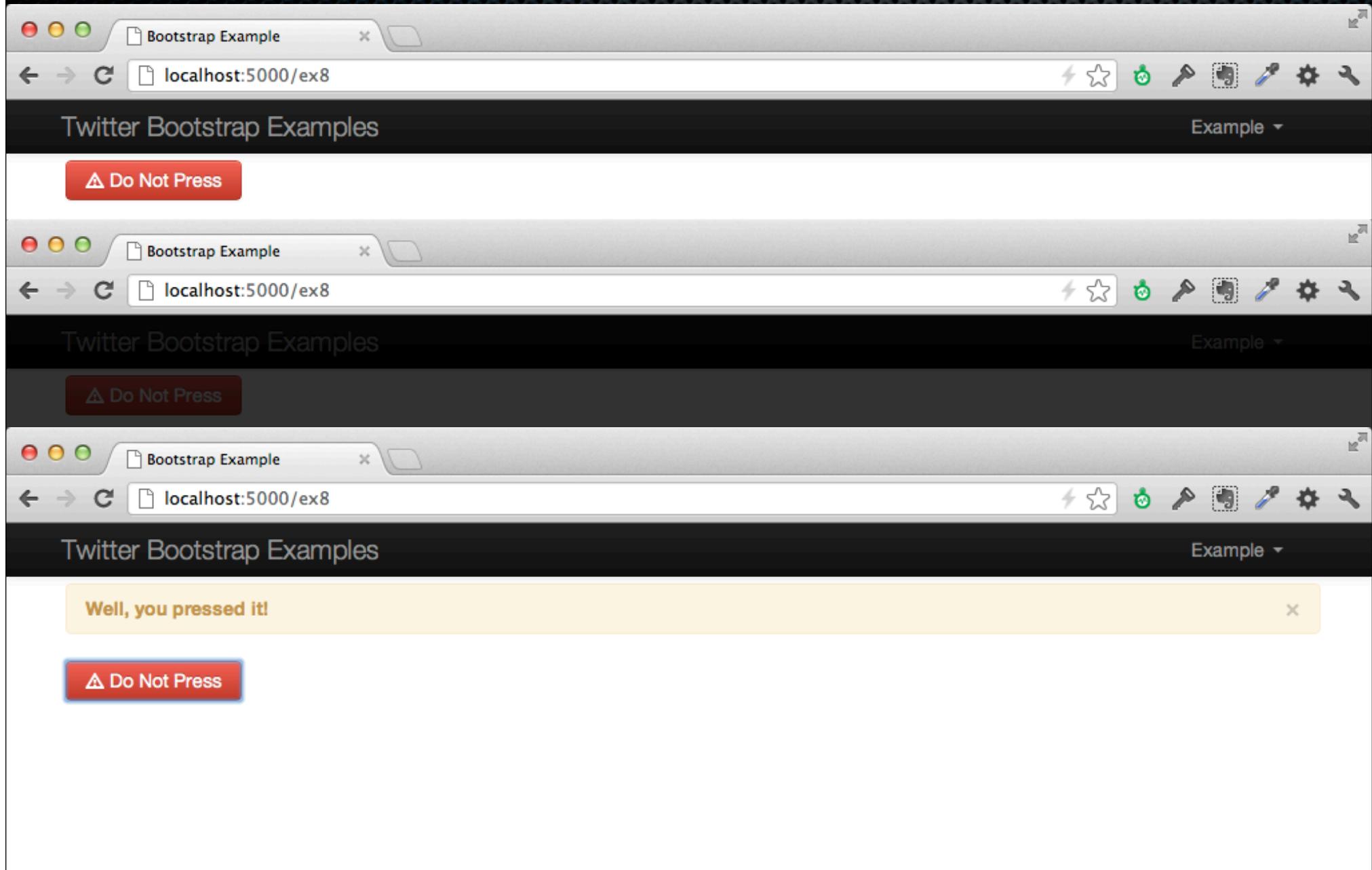
  _.each ["Moe Howard", "Larry Fine", "Curly Howard"], 
    (name) ->
    ...
    ...

  tabs.find("li:first").addClass "active"
  tabContent.find(".tab-pane:first").addClass "active in"
```

Dynamic Tabs

```
_.each ["Moe Howard", "Larry Fine", "Curly Howard"],  
  (name) ->  
    firstName = name.split(' ')[0]  
    uid = _.uniqueId "tab"  
  
    tab = $($"""  
      <li>  
        <a href="#">##{uid} data-toggle="tab">  
          #{firstName}  
        </a>  
      </li>  
    $""")  
    content = $($"""  
      <div class="tab-pane fade" id="#">{uid}">  
        <h1>#{name}</h1>  
          
      </div>  
    $""")  
  
    content.appendTo tabContent  
    tab.appendTo tabs
```

Modal Dialogs



Modal Dialogs

ex8.jade

```
.container(data-alert-insertion-point=true)
  button.btn.btn-danger(data-toggle="modal"
    data-target="#danger-alert")
    i.icon-warning-sign.icon-white
      | Do Not Press
  .modal.fade#danger-alert
    .modal-header
      a.close(data-dismiss="modal") &times;
      h3 Why did you press it?
    .modal-body
      p You pressed the button marked
        strong Do Not Press
      .
    .modal-footer
      button.btn.btn-warning(data-dismiss="modal") Continue
      button.btn(data-dismiss="modal") Cancel
```

Bootstrap provides top-level handlers for
data-dismiss="modal" and **data-toggle="modal"**

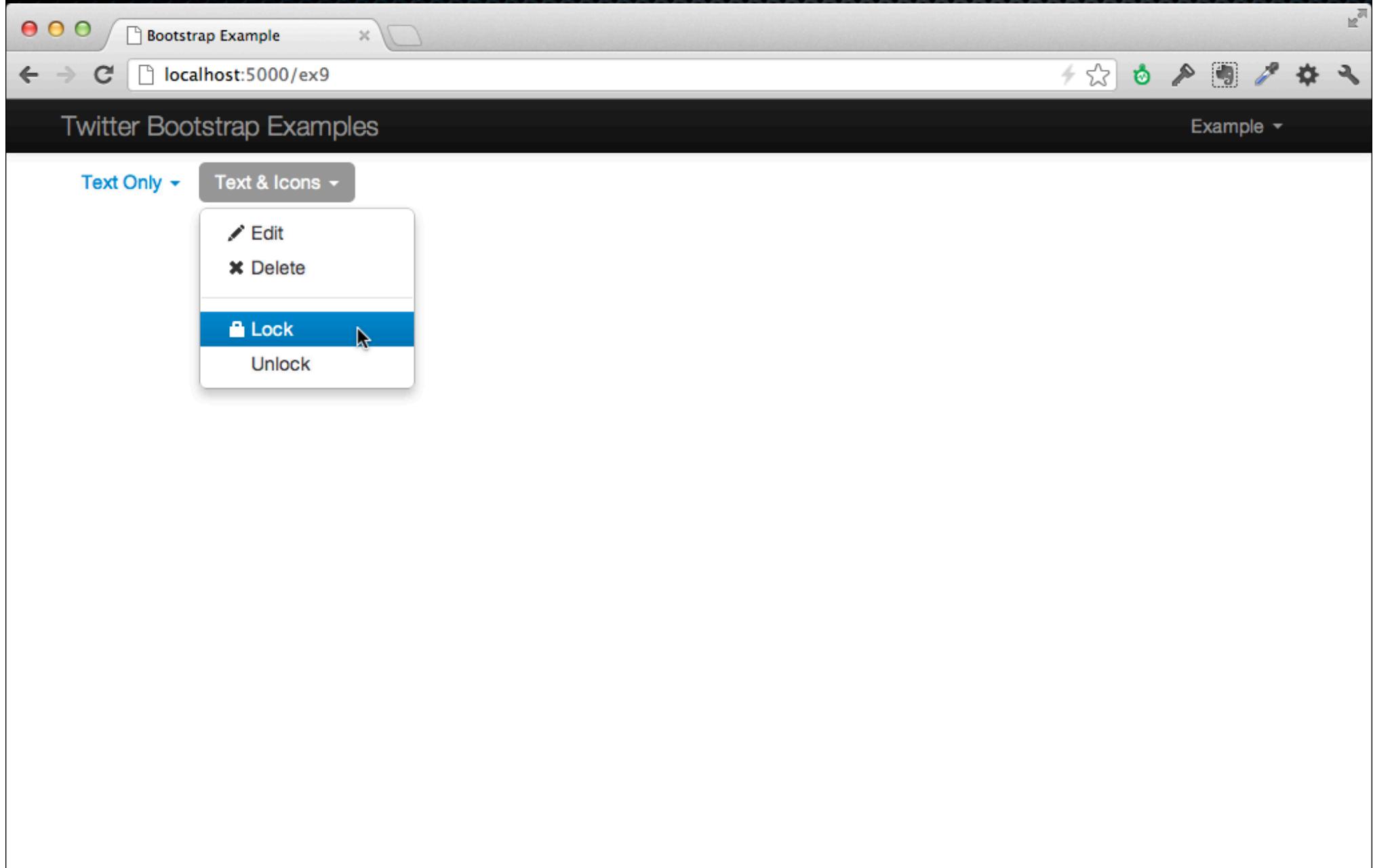
Alerts

ex8.coffee

```
jQuery ($) ->
  $("#danger-alert").on "click", ".btn-warning", ->
    alert = $"""
      <div class="alert fade in">
        <a class="close" data-dismiss="alert">&times;</a>
        <strong>Well, you pressed it!</strong>
      </div>
    """
    alert.prependTo $("[data-modal-insertion-point]")
```

Custom data attribute to control where to add new **<div>** on the page.

Dropdowns



ex9.jade

```
ul.nav.nav-pills
  li.dropdown
    a.dropdown-toggle(href="#", data-toggle="dropdown")
      | Text Only
      b.caret
    ul.dropdown-menu
      li: a(href="#") Edit
      li: a(href="#") Delete
      li.divider
      li: a(href="#") Lock
      li: a(href="#") Unlock
  li.dropdown
    a.dropdown-toggle(href="#", data-toggle="dropdown")
      | Text & Icons
      b.caret
    ul.dropdown-menu
      li: a(href="#")
        i.icon-pencil
        | Edit
      li: a(href="#")
        i.icon-remove
        | Delete
      li.divider
      li: a(href="#")
        i.icon-lock
        | Lock
      li: a(href="#")
        i.icon-none
        | Unlock
```

Trailing Space

Trailing Space

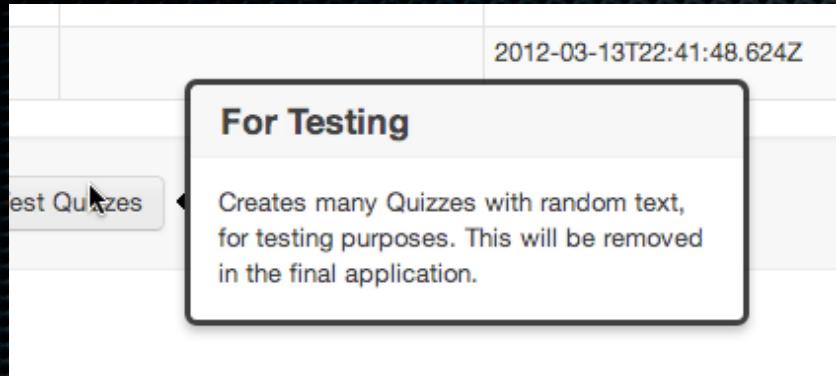
Two Spaces between **icon** and Text

i.icon-none provides right spacing

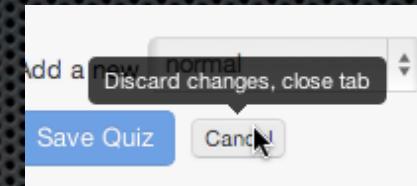
ex9.coffee

```
jQuery ($) ->
  $("body").on "click", ".nav-pills .dropdown-menu a", ->
    $"""
<div class="alert fade in">
  <a class="close" data-dismiss="alert">&times;</a>
  <strong>You selected #{this.innerHTML}</strong>
</div>
""").appendTo $("body")
```

Other Built-In Plugins



Popover



Tooltip

- And more:
 - Scrollspy
 - Button
 - Collapse
 - Carousel
 - Typeahead

<http://twitter.github.com/bootstrap/customize.html>

The screenshot shows a web browser window with the URL twitter.github.com/bootstrap/customize.html in the address bar. The page title is "Customize - Twitter Bootstrap". The navigation bar includes links for Home, Get started, Scaffolding, Base CSS, Components, Javascript, and Customize, with "Customize" being the active tab. A "Bootstrap" logo is visible on the right. The main content area has a purple background with a geometric pattern. A large white header reads "Customize and download". Below it, a sub-header says "Download Bootstrap or customize variables, components, javascript plugins, and more." On the left, a vertical sidebar lists four steps: "1. Choose components", "2. Select jQuery plugins", "3. Customize variables", and "4. Download", each with a right-pointing arrow. The first step is highlighted with a light blue box. The main content area features three sections: "Scaffolding", "Components", and "Miscellaneous", each containing a list of checked checkboxes. A "Toggle all" button is located to the right of the "Components" section.

1. Choose components >

2. Select jQuery plugins >

3. Customize variables >

4. Download >

1. Choose components

[Toggle all](#)

Scaffolding	Components	Miscellaneous
<input checked="" type="checkbox"/> Normalize and reset	<input checked="" type="checkbox"/> Button groups and dropdowns	<input checked="" type="checkbox"/> Wells
<input checked="" type="checkbox"/> Body type and links	<input checked="" type="checkbox"/> Navs, tabs, and pills	<input checked="" type="checkbox"/> Close icon
<input checked="" type="checkbox"/> Grid system	<input checked="" type="checkbox"/> Navbar	<input checked="" type="checkbox"/> Utilities
<input checked="" type="checkbox"/> Layouts	<input checked="" type="checkbox"/> Breadcrumbs	<input checked="" type="checkbox"/> Component animations

<http://twitter.github.com/bootstrap/customize.html>

The screenshot shows a web browser window for the Twitter Bootstrap Customize page at <http://twitter.github.com/bootstrap/customize.html#variables>. The browser has a dark theme with a grid background. The top navigation bar includes links for Home, Get started, Scaffolding, Base CSS, Components, Javascript, and Customize, with the Customize tab being the active one. A toolbar with various icons is visible on the right. The main content area is titled "3. Customize variables". On the left, a sidebar lists four steps: 1. Choose components, 2. Select jQuery plugins, 3. Customize variables (which is selected and highlighted in blue), and 4. Download. A "Reset to defaults" button is located in the top right corner of the main content area. The main content is organized into several sections: **Scaffolding**, **Links**, **Colors**, **Typography**, and **Form states & alerts**. Each section contains variables with their current values displayed in input fields.

Scaffolding

- @bodyBackground
white
- @textColor
grayDark

Links

- @linkColor
#08c
- @linkColorHover
darken(@linkColor, 15%)

Colors

- @blue
#049cdb

Typography

- @sansFontFamily
'Helvetica Neue', Helvetica, sans-serif
- @serifFontFamily
Georgia, 'Times New Roman', serif
- @monoFontFamily
Menlo, Monaco, 'Courier New', monospace
- @baseFontSize
14px
- @baseFontFamily
@sansFontFamily
- @baseLineHeight
20px
- @altFontFamily

Form states & alerts

- @warningText
#c09853
- @warningBackground
#fcf8e3
- @errorText
#b94a48
- @errorBackground
#f2dede
- @successText
#468847
- @successBackground
#dff0d8

http://wrapbootstrap.com/themes

Themes for Twitter Bootstrap X

win a free theme in our weekly raffle! Tweet 1,007 a random tweeter is selected each week close

{wrap}bootstrap Themes Start selling Bootswatch Built With Bootstrap Sign in Sign up

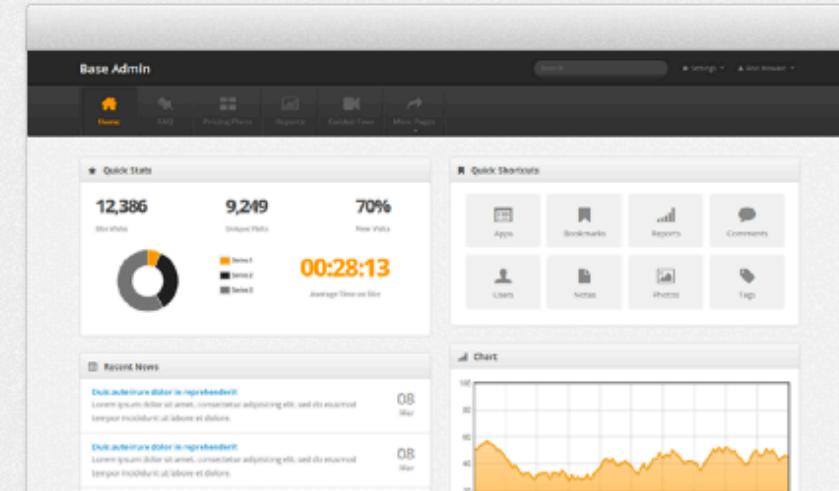
Themes & templates to make your things awesome

Shortcuts: Popular · Newest · Bestselling

Rank Ascending Apply Page 1 of 9

10  **Unicorn - Admin Template**

The Unicorn Admin Theme features a clean, modern design with a dark sidebar. It includes a dashboard with various metrics like user count, orders, and sales. A line chart displays fluctuating data over time.

53  **Base Admin**

The Base Admin Theme has a more complex layout with multiple panels. It shows a summary of site statistics, recent news items, and a chart. The sidebar includes links for Home, Categories, Product Lines, Reports, Content Types, and More Pages.

<http://bootswatch.com/>

The image displays four separate browser windows, each showing a different theme from the Bootswatch website. The themes are:

- Free**: The top window, featuring a dark grey header with the Bootswatch logo and navigation links.
- Amelia**: The second window, featuring a red header with the Bootswatch logo and navigation links.
- Cyborg**: The third window, featuring a teal header with the Bootswatch logo and navigation links.
- United**: The bottom window, featuring an orange header with the Bootswatch logo and navigation links.

In all windows, the header includes the "Bootswatch" logo, "News", "Gallery", "Preview", "Download", "Built With Bootstrap", and "WrapBootstrap". The "Preview" and "Download" dropdown menus are visible in the first three windows. The "United" window shows the word "United" prominently in large, bold, dark letters at the bottom of the page.

Wrap Up

- Bootstrap
 - Sharp L&F out of the box
 - Very customizable
- Bootstrap JS
 - Lots of UI pizzaz, effortlessly
- CoffeeScript
 - Concise, readable JavaScript

<https://github.com/hlship/bootstrap-examples>

The screenshot shows a GitHub repository page for the user hlship. The repository name is hlship/bootstrap-examples. The page includes a navigation bar with links for Explore, Gist, Blog, and Help. On the right side of the header, there is a profile picture for hlship and a link to their profile. Below the header, there are buttons for Admin, Pull Request, Unwatch, Fork, and Graphs. The main content area shows the repository's code, network, pull requests, issues, wiki, and graphs. A section titled "Examples of Twitter Bootstrap" has a "Read more" link. Below this, there are buttons for cloning the repository via Mac, ZIP, SSH, HTTP, or Git Read-Only, along with the repository's URL (git@github.com:hlship/bootstrap-examples.git) and a "Read+Write access" button. The "Files" tab is selected, showing a list of files: assets, public, and routes. Each file entry includes its name, age (5 days ago), message (Initial commit [hlship]), and a history link. The "Commits" and "Branches" tabs are also visible.

hlship / bootstrap-examples

Code Network Pull Requests 0 Issues 0 Wiki 0 Graphs

Clone in Mac ZIP SSH HTTP Git Read-Only git@github.com:hlship/bootstrap-examples.git Read+Write access

branch: master Files Commits Branches 1 Tags Downloads

Latest commit to the master branch

Initial commit

hlship authored 5 days ago commit 58375a0df3

bootstrap-examples /

name	age	message	history
assets	5 days ago	Initial commit [hlship]	
public	5 days ago	Initial commit [hlship]	
routes	5 days ago	Initial commit [hlship]	

<http://howardlewissip.com>

Howard M. Lewis Ship -- Ent

howardlewissip.com

Howard Lewis Ship

Home Training Work Talk Quotes search keywords

Background

- Seasoned Open-Source / JEE Developer
- 20+ years experience as full-time software developer
- 11+ years experience with Java
- Creator: [Apache Tapestry](#), [Apache HiveMind](#), [Cascade](#)
- Author: [Tapestry in Action](#)



Objectives

To use cutting-edge technologies to create insanely great tools and applications.

To embrace agile development with a team of other smart, dedicated developers.

Contact

hlsip@gmail.com
(971) 678-5210
Contact me for information
on pricing and availability

Training

[On-site lab-based training \(4+
days\)](#)

Q & A