



Social Media Apps Programming

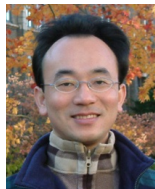
jQuery Mobile

1041SMAP06

TLMXM1A (8687) (M2143) (Fall 2015)

(MIS MBA) (2 Credits, Elective) [Full English Course]

Wed 9,10 (16:10-18:00) B310



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Department of Information Management

Tamkang University

<http://mail.tku.edu.tw/myday>



Course Schedule (1/3)

Week	Date	Subject/Topics
1	2015/09/16	Course Orientation and Introduction to Social Media and Mobile Apps Programming
2	2015/09/23	Introduction to Android / iOS Apps Programming
3	2015/09/30	Developing Android Native Apps with Java (Android Studio) (MIT App Inventor)
4	2015/10/07	Developing iPhone / iPad Native Apps with Swift (XCode)
5	2015/10/14	Mobile Apps using HTML5/CSS3/JavaScript
6	2015/10/21	jQuery Mobile

Course Schedule (2/3)

Week	Date	Subject/Topics
7	2015/10/28	Create Hybrid Apps with Phonegap
8	2015/11/04	jQuery Mobile/Phonegap
9	2015/11/11	jQuery Mobile/Phonegap
10	2015/11/18	Midterm Exam Week (Midterm Project Report)
11	2015/11/25	Case Study on Social Media Apps Programming and Marketing in Google Play and App Store
12	2015/12/02	Google Cloud Platform

Course Schedule (3/3)

Week	Date	Subject/Topics
13	2015/12/09	Google App Engine
14	2015/12/16	Google Map API
15	2015/12/23	Facebook API (Facebook JavaScript SDK) (Integrate Facebook with iOS/Android Apps)
16	2015/12/30	Twitter API
17	2016/01/06	Final Project Presentation
18	2016/01/13	Final Exam Week (Final Project Presentation)

Outline

- jQuery Mobile
 - JavaScript Library
 - jQuery
 - jQuery UI
- Demo
 - Building Mobile Apps with JQuery Mobile



Android /iOS Apps Programming

Native Apps

Hybrid Apps

Mobile Web Apps



App Development Comparison

Device Access	Speed	Development Cost	App Store	Approval Process
---------------	-------	------------------	-----------	------------------

Native Apps

Full

Very Fast

Expensive

Available

Mandatory

Hybrid Apps

Full

Native Speed
as Necessary

Reasonable

Available

Low
Overhead

Web Apps

Partial

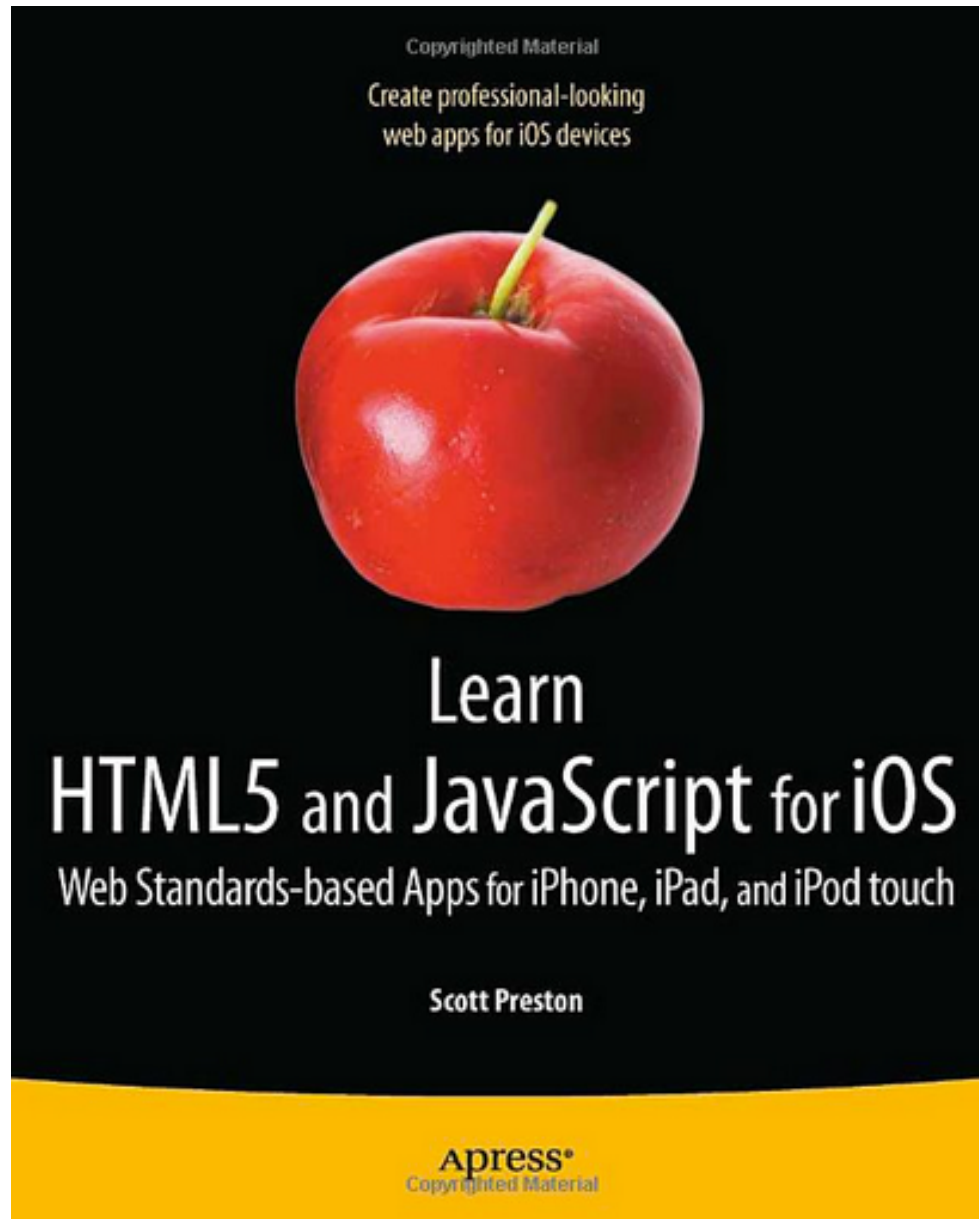
Fast

Reasonable

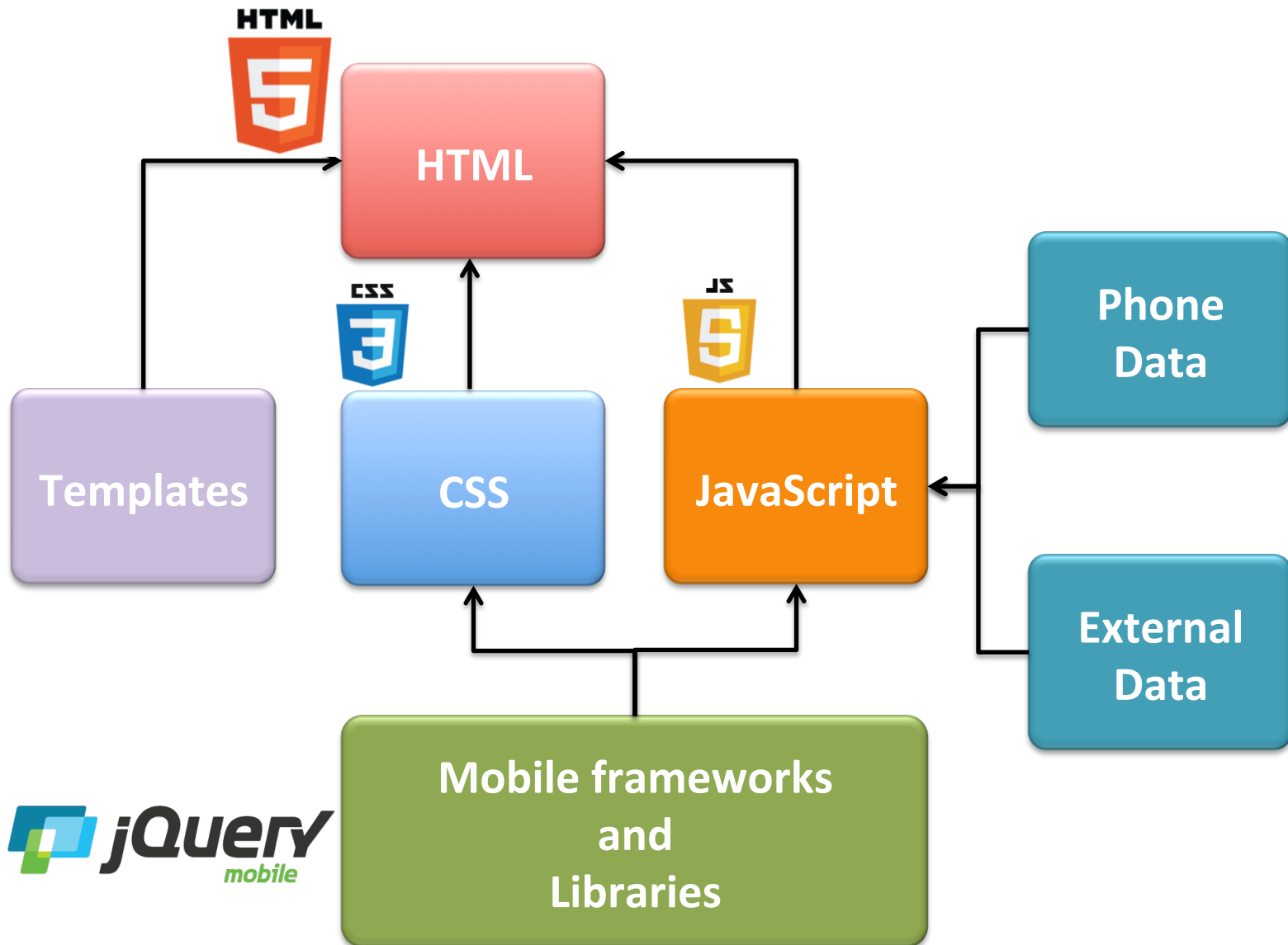
Not
Available

None

Learn HTML5 and JavaScript for iOS: Web Standards-based Apps for iPhone, iPad, and iPod touch, Scott Preston, Apress, 2012



Mobile Web App



jQuery Mobile



PluginsContributeEventsSupportjQuery Foundation

OCTOBER 26-28CSS Dev Conference 2015QUEEN MARY CA, USA

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Search

A Touch-Optimized Web Framework

jQuery Mobile is a HTML5-based user interface system designed to make responsive web sites and apps that are accessible on all smartphone, tablet and desktop devices.

Download jQuery Mobile

Custom download

Latest stable

Version 1.4.5
jQuery 1.8 - 1.11 / 2.1

Seriously cross-platform with HTML5

jQuery Mobile framework takes the "write less, do more" mantra to the next level: Instead of writing unique applications for each mobile device or OS, the jQuery mobile framework allows you to design a single highly-branded responsive web site or application that will work on all popular smartphone, tablet, and desktop platforms.

[Browser Support](#)



Developer Links

- [Source Code \(GitHub\)](#)
- jQuery Mobile Git (WIP Build)
 - [JavaScript](#)
 - [CSS](#)
- [Report an issue](#)
- [Browser Support](#)
- [Changelogs](#)

jQuery Mobile

- Touch-Optimized Web Framework for Smartphones & Tablets
 - A unified, HTML5-based user interface system for all popular mobile device platforms
 - built on the rock-solid jQuery and jQuery UI foundation.
 - Its lightweight code is built with progressive enhancement, and has a flexible, easily themeable design.

jQuery

← → ↻

jquery.com

☆



PluginsContributeEventsSupportjQuery Foundation



write less, do more.

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Search



Lightweight Footprint
Only 32kB minified and gzipped.
Can also be included as an AMD
module



CSS3 Compliant
Supports CSS3 selectors to find
elements as well as in style property
manipulation



Cross-Browser
IE, Firefox, Safari, Opera, Chrome,
and more



Download jQuery
v1.11.3 or v2.1.4

[View Source on GitHub →](#)

[How jQuery Works →](#)

What is jQuery?

jQuery is a fast, small, and feature-rich JavaScript library. It makes things like HTML document traversal and manipulation, event handling, animation, and Ajax much simpler with an easy-to-use API that works across a multitude of browsers. With a combination of versatility and extensibility, jQuery has changed the way that millions of people write JavaScript.

Corporate Members

Resources

- [jQuery Core API Documentation](#)
- [jQuery Learning Center](#)
- [jQuery Blog](#)
- [Contribute to jQuery](#)
- [About the jQuery Foundation](#)
- [Browse or Submit jQuery Bugs](#)

jQuery

- jQuery is a fast, small, and feature-rich **JavaScript library**.
- jQuery is the most popular JavaScript library
 - **versatility** and **extensibility**
- It makes things like **HTML document traversal** and **manipulation**, **event handling**, **animation**, and **Ajax** much simpler with an easy-to-use API that works across a multitude of browsers.

jQuery UI

← → ↻ jqueryui.com ☆

⌂ ⌂ ⌂ ⌂ ⌂

Plugins Contribute Events Support jQuery Foundation

 **jQuery**
user interface

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Interactions

- Draggable
- Droppable
- Resizable
- Selectable
- Sortable

Widgets

- Accordion
- Autocomplete
- Button
- Datepicker
- Dialog
- Menu

jQuery UI is a curated set of user interface interactions, effects, widgets, and themes built on top of the jQuery JavaScript Library. Whether you're building highly interactive web applications or you just need to add a date picker to a form control, jQuery UI is the perfect choice.

Download jQuery UI 1.11.4

Custom Download

Quick Downloads:

Stable	Legacy
v1.11.4	v1.10.4
jQuery 1.6+	jQuery 1.6+

What's New in jQuery UI 1.11?

jQuery UI 1.11 includes a new widget, [selectmenu](#). We've added support for using jQuery UI with [AMD](#) and [Bower](#). We also have over 50 bug fixes.

Interested in the full details of what changed? Check out the [1.11 upgrade guide](#), [1.11.1 changelog](#), [1.11.2 changelog](#), [1.11.3 changelog](#), and [1.11.4 changelog](#).

Dive In!

Developer Links

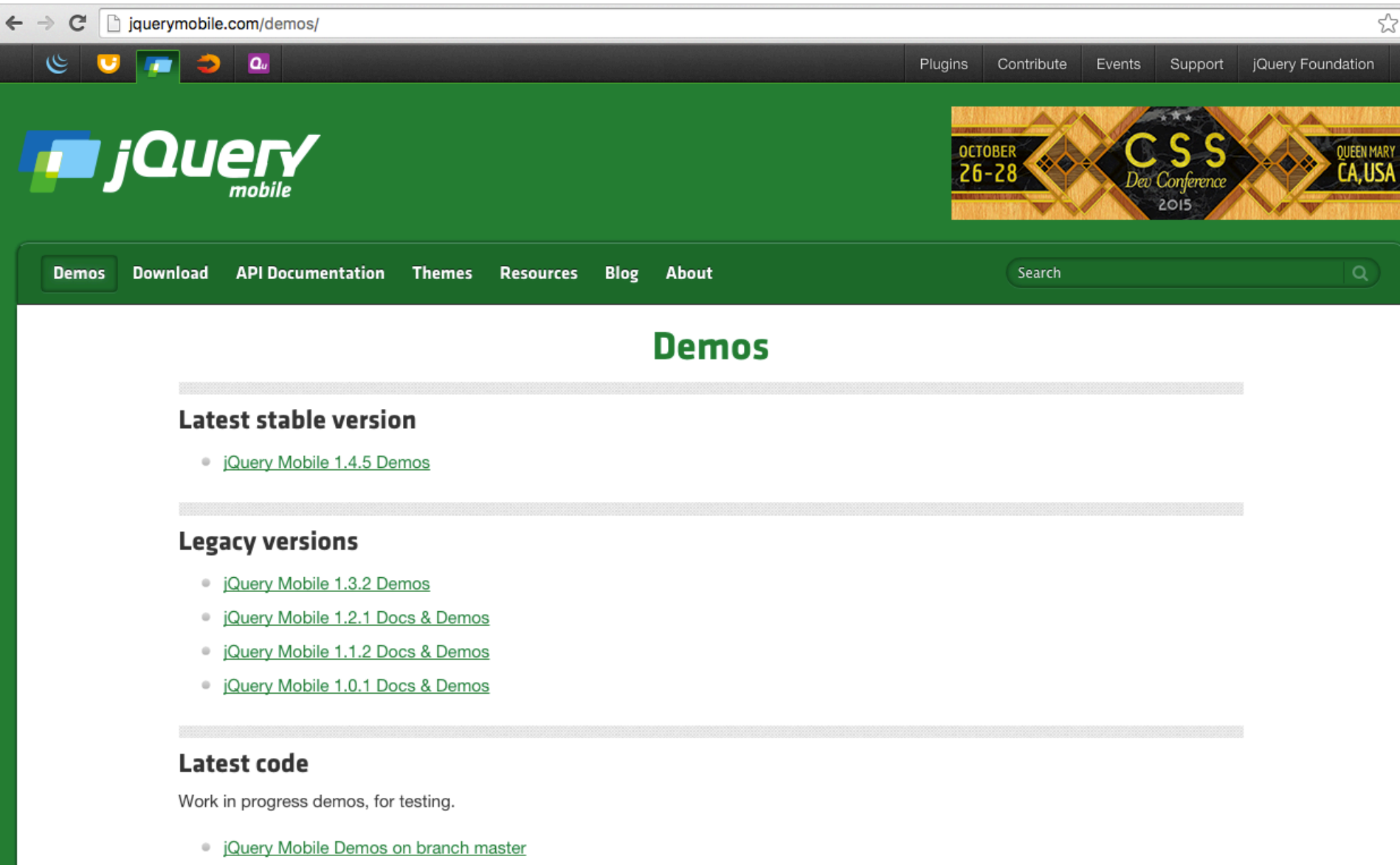
- [Source Code \(GitHub\)](#)
- [jQuery UI Git \(WIP Build\)](#)
- [Theme \(WIP Build\)](#)
- [Bug Tracker](#)
- [Submit a New Bug Report](#)
- [Discussion Forum](#)
- [Using jQuery UI](#)

jQuery Mobile

- Seriously cross-platform with HTML5
- write less, do more



jQuery Mobile Demos



The screenshot shows the jQuery Mobile website's demo page. At the top, there's a browser address bar with the URL 'jquerymobile.com/demos/'. Below it is a dark navigation bar with links for 'Plugins', 'Contribute', 'Events', 'Support', and 'jQuery Foundation'. The main header features the 'jQuery mobile' logo on the left and a promotional banner for the 'CSS Dev Conference 2015' on the right, which includes the dates 'OCTOBER 26-28' and the location 'QUEEN MARY CA, USA'. A green navigation bar contains links for 'Demos', 'Download', 'API Documentation', 'Themes', 'Resources', 'Blog', and 'About', along with a search bar. The main content area is titled 'Demos' and is divided into three sections: 'Latest stable version' with a link to 'jQuery Mobile 1.4.5 Demos'; 'Legacy versions' with links to 'jQuery Mobile 1.3.2 Demos', 'jQuery Mobile 1.2.1 Docs & Demos', 'jQuery Mobile 1.1.2 Docs & Demos', and 'jQuery Mobile 1.0.1 Docs & Demos'; and 'Latest code' with a link to 'jQuery Mobile Demos on branch master' and a note about work in progress demos for testing.

jquerymobile.com/demos/

jQuery mobile

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Demos Download API Documentation Themes Resources Blog About Search

Demos

Latest stable version

- [jQuery Mobile 1.4.5 Demos](#)

Legacy versions

- [jQuery Mobile 1.3.2 Demos](#)
- [jQuery Mobile 1.2.1 Docs & Demos](#)
- [jQuery Mobile 1.1.2 Docs & Demos](#)
- [jQuery Mobile 1.0.1 Docs & Demos](#)

Latest code

Work in progress demos, for testing.

- [jQuery Mobile Demos on branch master](#)

jQuery Mobile Demos



VERSION 1.4.5



Home

Introduction

Buttons

Button widget

Checkboxradio widget

Collapsible (set) widget

Controlgroup widget

Datepicker

Events

Filterable widget

Flips witch widget

Forms

Grids

Demos

jQuery Mobile is a touch-optimized HTML5 UI framework designed to make responsive web sites and apps that are accessible on all smartphone, tablet and desktop devices.



New to jQuery Mobile? Get started by reading this [introduction](#). For technical info, visit the [API](#)

Source: <http://demos.jquerymobile.com/1.4.5/>

jQuery Mobile Demos

← → ↻ demos.jquerymobile.com/1.4.5/ ☆

- Icons
- Listview widget
- Loader widget
- Navbar widget
- Navigation
- Pages
- Panel widget
- Popup widget
- Rangeslider widget
- Responsive Web Design
- Selectmenu widget
- Slider widget
- Table widget
- Tabs widget
- Textinput widget
- Theming
- Toolbar widget

Pages & Navigation

- Pages
- Navigation
- Loader
- Transitions

CSS Framework

- Theming
- Buttons
- Icons
- Grids
- Body and bar classes

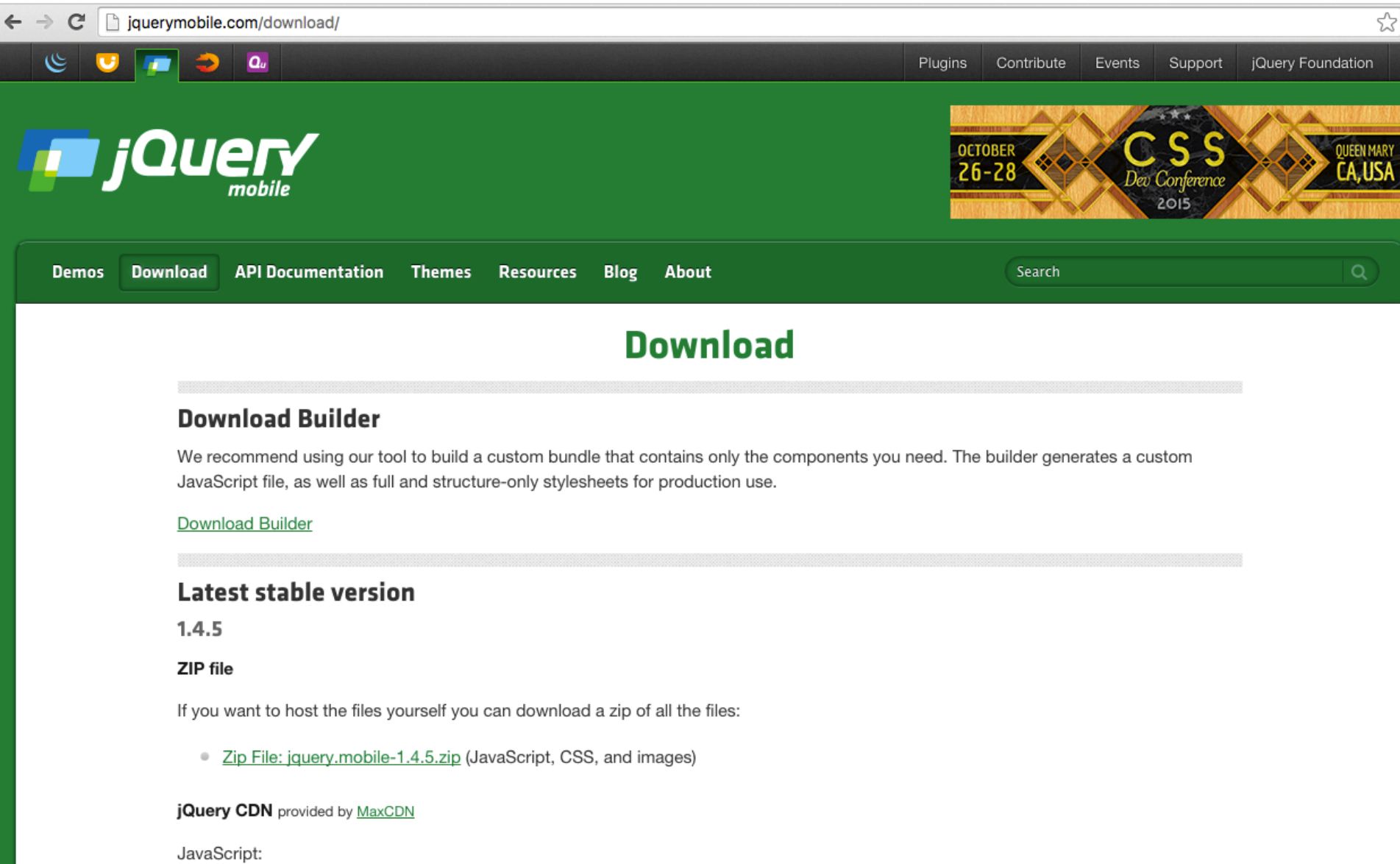
Widgets

- Toolbar, Navbar
- Tabs, Panel, Popup
- Listview
- Collapsible, Collapsible set
- Table Reflow, Table Column Toggle
- Filterable

Form widgets

- Checkboxes, Radio buttons
- Selectmenu, Custom menu
- Flipswitch
- Slider, Rangeslider
- Input button
- Controlgroup

jQuery Mobile Download



The screenshot shows a web browser window with the address bar displaying 'jquerymobile.com/download/'. The page has a green header with the jQuery Mobile logo on the left and a navigation menu on the right with links: 'Plugins', 'Contribute', 'Events', 'Support', and 'jQuery Foundation'. Below the header is a dark green navigation bar with links: 'Demos', 'Download' (highlighted), 'API Documentation', 'Themes', 'Resources', 'Blog', and 'About'. A search bar is located on the right side of this bar. The main content area is white and features a large green 'Download' heading. Below this, there is a section titled 'Download Builder' with a paragraph explaining the tool and a link to 'Download Builder'. Another section titled 'Latest stable version' shows the version '1.4.5' and a 'ZIP file' link. A paragraph explains that users can download a zip of all files if they want to host them themselves. A list item points to the 'Zip File: jquery.mobile-1.4.5.zip' link. At the bottom, it mentions 'jQuery CDN provided by MaxCDN' and 'JavaScript:'.

jquerymobile.com/download/

jQuery mobile

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Search

Download

Download Builder

We recommend using our tool to build a custom bundle that contains only the components you need. The builder generates a custom JavaScript file, as well as full and structure-only stylesheets for production use.

[Download Builder](#)

Latest stable version

1.4.5

ZIP file

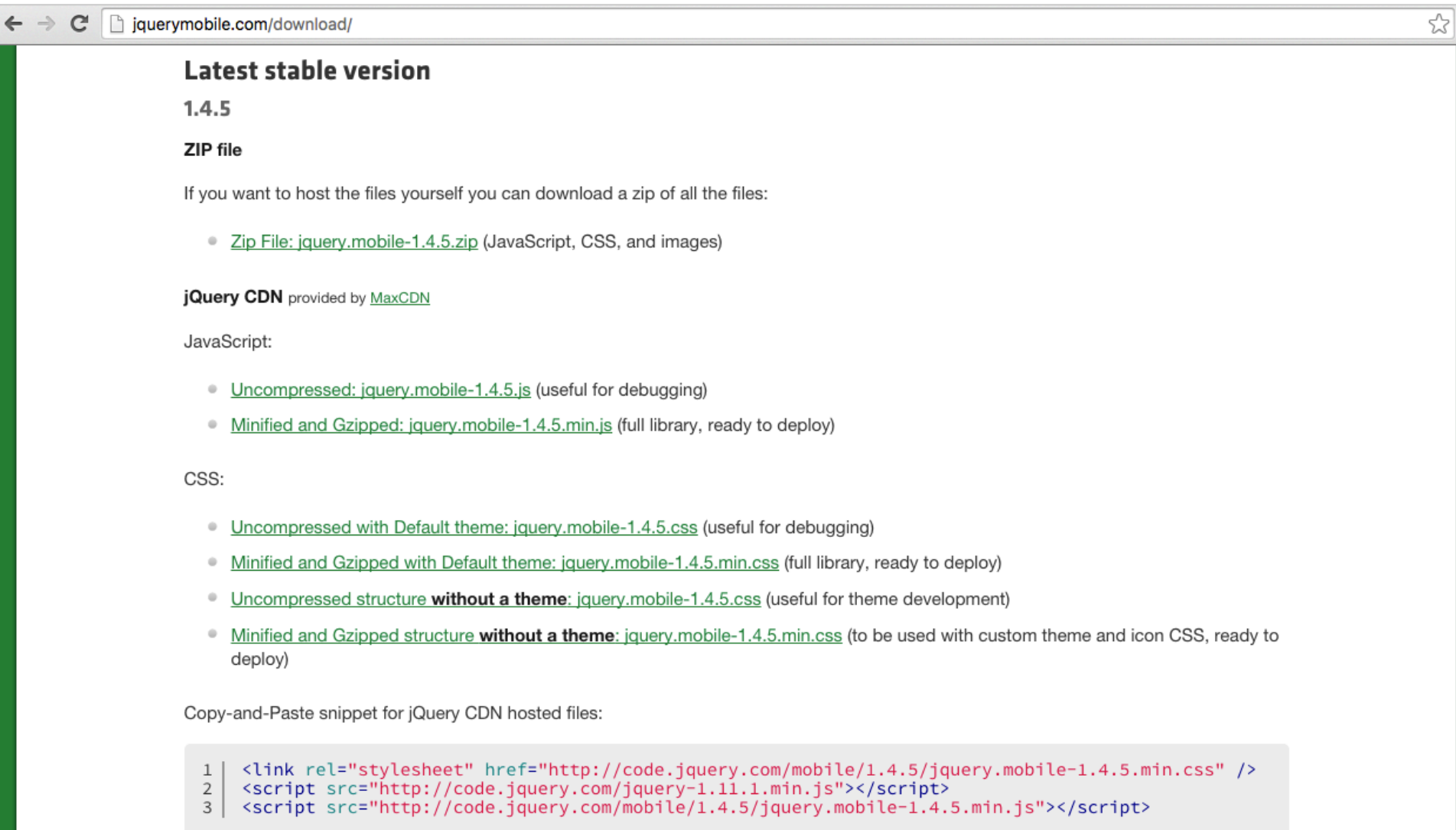
If you want to host the files yourself you can download a zip of all the files:

- [Zip File: jquery.mobile-1.4.5.zip](#) (JavaScript, CSS, and images)

jQuery CDN provided by [MaxCDN](#)

JavaScript:

jQuery Mobile

A screenshot of a web browser showing the jQuery Mobile download page. The browser's address bar displays 'jquerymobile.com/download/'. The page content includes a heading for the latest stable version (1.4.5), a link to a ZIP file, and information about the jQuery CDN provided by MaxCDN. It lists download links for JavaScript and CSS files in both uncompressed and minified versions, with and without a theme. At the bottom, there is a code snippet for a copy-and-paste snippet for the CDN-hosted files.

← → ↻ jquerymobile.com/download/ ☆

Latest stable version

1.4.5

ZIP file

If you want to host the files yourself you can download a zip of all the files:

- [Zip File: jquery.mobile-1.4.5.zip](#) (JavaScript, CSS, and images)

jQuery CDN provided by [MaxCDN](#)

JavaScript:

- [Uncompressed: jquery.mobile-1.4.5.js](#) (useful for debugging)
- [Minified and Gzipped: jquery.mobile-1.4.5.min.js](#) (full library, ready to deploy)

CSS:

- [Uncompressed with Default theme: jquery.mobile-1.4.5.css](#) (useful for debugging)
- [Minified and Gzipped with Default theme: jquery.mobile-1.4.5.min.css](#) (full library, ready to deploy)
- [Uncompressed structure without a theme: jquery.mobile-1.4.5.css](#) (useful for theme development)
- [Minified and Gzipped structure without a theme: jquery.mobile-1.4.5.min.css](#) (to be used with custom theme and icon CSS, ready to deploy)

Copy-and-Paste snippet for jQuery CDN hosted files:

```
1 <link rel="stylesheet" href="http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css" />
2 <script src="http://code.jquery.com/jquery-1.11.1.min.js"></script>
3 <script src="http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js"></script>
```


viewport

```
<!DOCTYPE html>
<html>
  <head>
    <title>Mobile App Title</title>
    <meta charset=utf-8 />
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css">
    <script src="http://code.jquery.com/jquery-1.11.1.min.js"></script>
    <script src="http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js"></script>
  </head>
  <body>

  </body>
</html>
```

jquery-1.11.1.min.js

jquery.mobile-1.4.5.min.css

jquery.mobile-1.4.5.min.js

```
<!DOCTYPE html>
<html>
  <head>
    <title>Mobile App Title</title>
    <meta charset=utf-8 />
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <link rel="stylesheet" href="http://code.jquery.com/mobile/
1.4.5/jquery.mobile-1.4.5.min.css">
    <script src="http://code.jquery.com/jquery-1.11.1.min.js"></
script>
    <script src="http://code.jquery.com/mobile/1.4.5/
jquery.mobile-1.4.5.min.js"></script>
  </head>
  <body>

  </body>
</html>
```

jQuery Mobile Page

The screenshot shows a web browser window with the address bar displaying `jsbin.com/qaxukucune/edit?html,output`. The browser's title bar indicates the page is titled "jQuery Mobile App - JS Bin". The browser's interface includes a menu bar with "File", "Add library", and "Share" options, and a toolbar with tabs for "HTML", "CSS", "JavaScript", "Console", and "Output". The "HTML" tab is selected, showing the following code:

```
<!DOCTYPE html>
<html>
<head>
  <title>jQuery Mobile App</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.css" />
  <script src="http://code.jquery.com/jquery-1.11.1.min.js"></script>
  <script src="http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js"></script>
</head>
<body>
  <div data-role="page" id="page1">
    <div data-role="header" id = "header1">
      <h1>Hello jQuery Mobile</h1>
    </div>
    <div data-role="content" id = "content1">
      <p>Simple jQuery Mobile App</p>
    </div>
    <div data-role="footer" id = "footer1" data-position="fixed">
      <h4>Footer 2015</h4>
    </div>
  </div>
</body>
</html>
```

The "Output" tab is also visible, showing the rendered content:

Output

Run with JS Auto-run JS

Hello jQuery Mobile

Simple jQuery Mobile App

Footer 2015

Bin info just now

<http://jsbin.com/qaxukucune/edit?html,output>

jQuery Mobile Page

jQuery Mobile App - JS Bin x

jsbin.com/qaxukucune/edit?html,output

File Add library Share HTML CSS JavaScript Console Output

Login or Register Blog Help

Output

Run with JS Auto-run JS

Hello jQuery Mobile

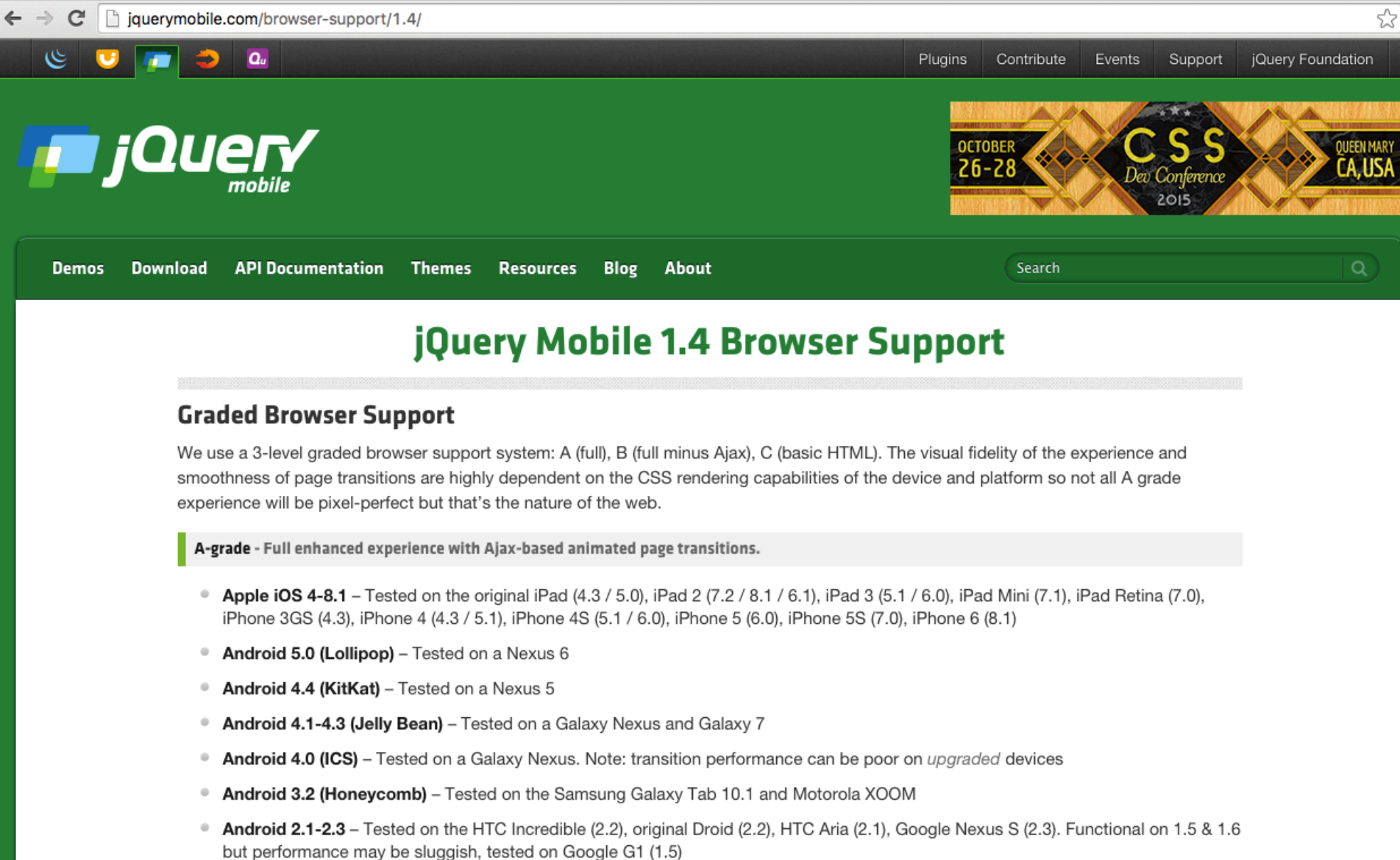
Simple jQuery Mobile App

Footer 2015

Bin info just now

```
<!DOCTYPE html>
<html>
<head>
  <title>jQuery Mobile App</title>
  <meta charset="utf-8">
  <meta name="viewport" content="width=device-width, initial-scale=1">
  <link rel="stylesheet" href="http://code.jquery.com/mobile/1.4.5/
jquery.mobile-1.4.5.min.css" />
  <script src="http://code.jquery.com/jquery-1.11.1.min.js"></script>
  <script src="http://code.jquery.com/mobile/1.4.5/jquery.mobile-1.4.5.min.js"></script>
</head>
<body>
  <div data-role="page" id="page1">
    <div data-role="header" id = "header1">
      <h1>Hello jQuery Mobile</h1>
    </div>
    <div data-role="content" id = "content1">
      <p>Simple jQuery Mobile App<p>
    </div>
    <div data-role="footer" id = "footer1" data-position="fixed">
      <h4>Footer 2015</h4>
    </div>
  </div>
</body>
</html>
```

jQuery Mobile: Mobile Graded Browser Support



The screenshot shows the jQuery Mobile website's browser support page. The browser's address bar displays 'jquerymobile.com/browser-support/1.4/'. The site's navigation bar includes links for 'Plugins', 'Contribute', 'Events', 'Support', and 'jQuery Foundation'. The jQuery Mobile logo is on the left, and a banner for the 'CSS Dev Conference 2015' (October 26-28, Queen Mary, CA, USA) is on the right. A secondary navigation bar contains links for 'Demos', 'Download', 'API Documentation', 'Themes', 'Resources', 'Blog', and 'About', along with a search bar. The main content area features the title 'jQuery Mobile 1.4 Browser Support' and a section for 'Graded Browser Support'. This section explains a 3-level support system (A, B, C) and lists the devices tested for 'A-grade' support, which includes various models of Apple iOS and Android devices.

jquerymobile.com/browser-support/1.4/

Plugins Contribute Events Support jQuery Foundation

jQuery mobile

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jQuery Mobile 1.4 Browser Support

Graded Browser Support

We use a 3-level graded browser support system: A (full), B (full minus Ajax), C (basic HTML). The visual fidelity of the experience and smoothness of page transitions are highly dependent on the CSS rendering capabilities of the device and platform so not all A grade experience will be pixel-perfect but that's the nature of the web.

A-grade - Full enhanced experience with Ajax-based animated page transitions.

- **Apple iOS 4-8.1** – Tested on the original iPad (4.3 / 5.0), iPad 2 (7.2 / 8.1 / 6.1), iPad 3 (5.1 / 6.0), iPad Mini (7.1), iPad Retina (7.0), iPhone 3GS (4.3), iPhone 4 (4.3 / 5.1), iPhone 4S (5.1 / 6.0), iPhone 5 (6.0), iPhone 5S (7.0), iPhone 6 (8.1)
- **Android 5.0 (Lollipop)** – Tested on a Nexus 6
- **Android 4.4 (KitKat)** – Tested on a Nexus 5
- **Android 4.1-4.3 (Jelly Bean)** – Tested on a Galaxy Nexus and Galaxy 7
- **Android 4.0 (ICS)** – Tested on a Galaxy Nexus. Note: transition performance can be poor on *upgraded* devices
- **Android 3.2 (Honeycomb)** – Tested on the Samsung Galaxy Tab 10.1 and Motorola XOOM
- **Android 2.1-2.3** – Tested on the HTC Incredible (2.2), original Droid (2.2), HTC Aria (2.1), Google Nexus S (2.3). Functional on 1.5 & 1.6 but performance may be sluggish, tested on Google G1 (1.5)

jQuery Mobile: Mobile Graded Browser Support

- jQuery Mobile has broad support for the vast majority of all modern desktop, smartphone, tablet, and e-reader platforms.
- **A-grade – Full enhanced experience with Ajax-based animated page transitions.**
 - Apple iOS 4-8.1
 - Tested on the original iPad (4.3 / 5.0), iPad 2 (7.2 / 8.1 / 6.1), iPad 3 (5.1 / 6.0), iPad Mini (7.1), iPad Retina (7.0), iPhone 3GS (4.3), iPhone 4 (4.3 / 5.1), iPhone 4S (5.1 / 6.0), iPhone 5 (6.0), iPhone 5S (7.0), iPhone 6 (8.1)
 - Android 5.0 (Lollipop)
 - Tested on a Nexus 6
 - Android 4.4 (KitKat)
 - Tested on a Nexus 5
 - Android 4.1-4.3 (Jelly Bean)
 - Tested on a Galaxy Nexus and Galaxy 7

W3schools.com jQuery Mobile

[←](#) [→](#) [↻](#) [www.w3schools.com/jquerymobile/default.asp](#) [★](#)

w3schools.com THE WORLD'S LARGEST WEB DEVELOPER SITE

HTML CSS JAVASCRIPT SQL PHP BOOTSTRAP TUTORIALS ▾ REFERENCES ▾ 🔍

jQ Mobile Tutorial

- jQ Mobile HOME
- jQ Mobile Intro
- jQ Mobile Get Started
- jQ Mobile Pages
- jQ Mobile Transitions
- jQ Mobile Buttons
- jQ Mobile Icons
- jQ Mobile Popups
- jQ Mobile Toolbars
- jQ Mobile Navbars
- jQ Mobile Panels
- jQ Mobile Collapsibles
- jQ Mobile Tables
- jQ Mobile Grids

jQ Mobile Lists

- jQ Mobile List Views
- jQ Mobile List Content
- jQ Mobile Filter Items



jQuery Mobile Tutorial

[« W3Schools Home](#) [Next Chapter »](#)



jQuery Mobile is a framework for creating mobile web applications.

jQuery Mobile works on all popular smartphones and tablets.

jQuery Mobile uses HTML5 & CSS3 for laying out pages with minimal scripting.

jQuery Mobile Demo

 Home	 Email	 Phonebook	 Calendar
---	--	--	---

Try jQuery Mobile by clicking the buttons above!



MMO RPG
COOP
ACTION GAME

Source: <http://www.w3schools.com/jquerymobile/default.asp>

codiqa: drag-and-drop builder for mobile apps

The screenshot shows a web browser window with the jQuery Mobile website. The main heading is "Easy to use: Try it now!". Below it, a paragraph explains that jQuery Mobile's emphasis on semantic markup and progressive enhancement makes it easy to use, and that users can start building mobile sites right away using the cool drag-and-drop UI builder. There are links for "Demos & documentation" and "Resources: Books, plugins, tutorials".

The codiqa interface is displayed, featuring a toolbar with categories: All, Toolbars, Buttons, Content, List Views, and Form Elements. The "Buttons" category is selected, showing various button styles like Page Header, Page Footer, Nav Bar, and a standard Button. A preview of a mobile app is shown on the left, with a "Header" section containing a photo and a "Button" below it. On the right, the "IMAGE" configuration panel is open, showing fields for Image URL, Link to, Width, Height, Align, Display, Open in New Window, Id, and Class.

Easy to use: Try it now!

jQuery Mobile's emphasis on semantic markup and progressive enhancement makes it super easy to use. If you know basic HTML, you can start building mobile sites right away. Try this cool drag-and-drop UI builder to explore what the library can do, or check out some of the resources below to learn more.

[Demos & documentation](#) [Resources: Books, plugins, tutorials](#)

codiqa BUILD TEST Download HTML

All Toolbars Buttons Content List Views Form Elements

Page Header Page Footer Nav Bar Button Link Image Map

Header

Button

IMAGE

Image URL

Link to

Width ☐ px ☒ %

Height ☐ px ☒ %

Align

Display

Open in New Window

Id

Class

codiqa: drag-and-drop builder for mobile apps

The Easiest Mobile Development

← → ↻ <https://codiqa.com> ☆ ☰

 **codiqa**

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Build jQuery Mobile apps, the easy way.

Codiqa is a powerful drag-and-drop builder for creating cross-platform HTML5 mobile apps and websites. It's simple, easy to use, and so damn useful.

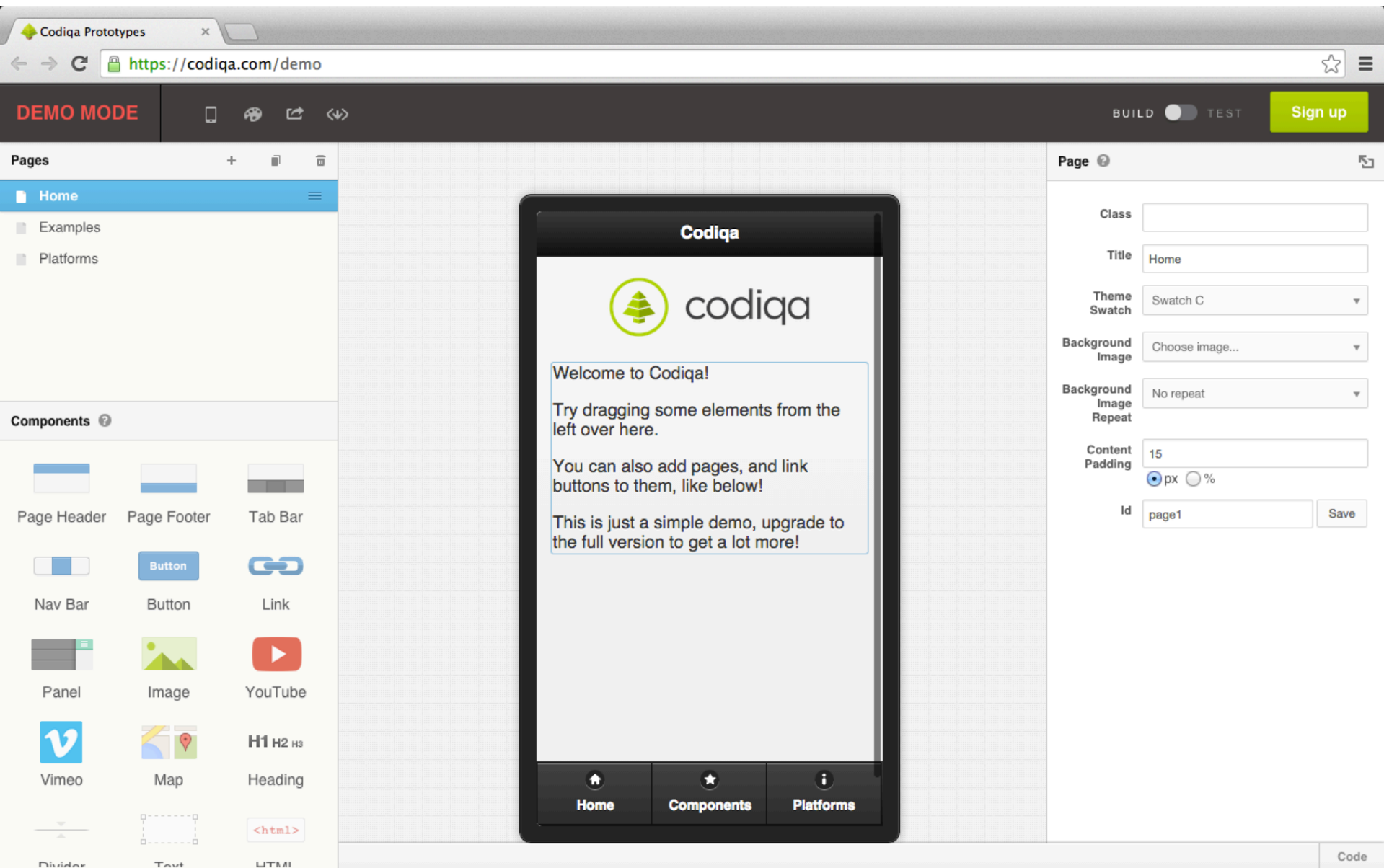
[Get started now!](#) ► Or try the demo

[help](#)

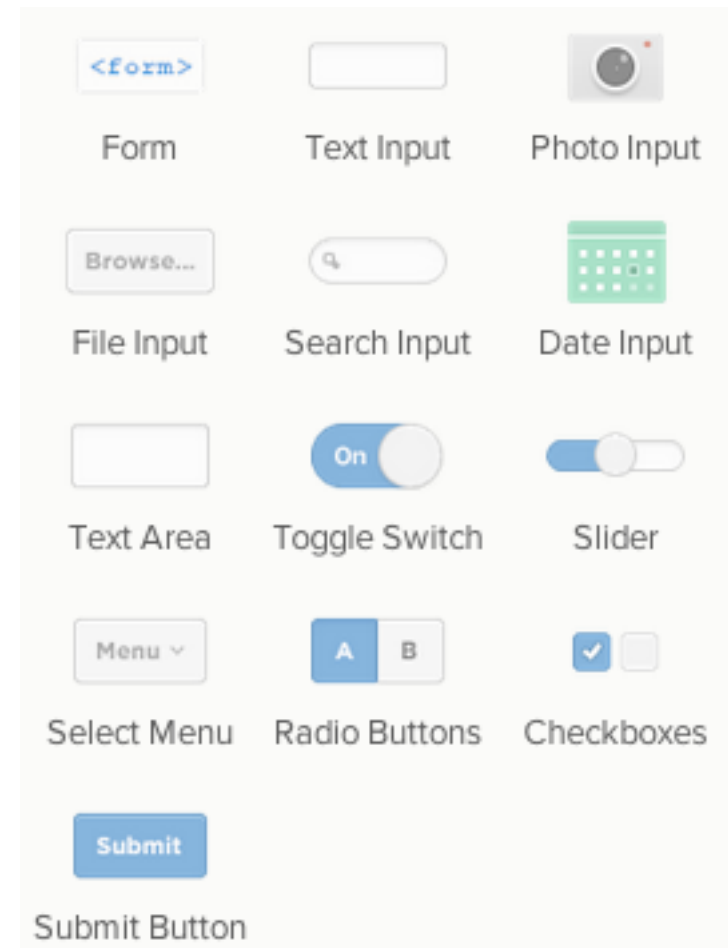
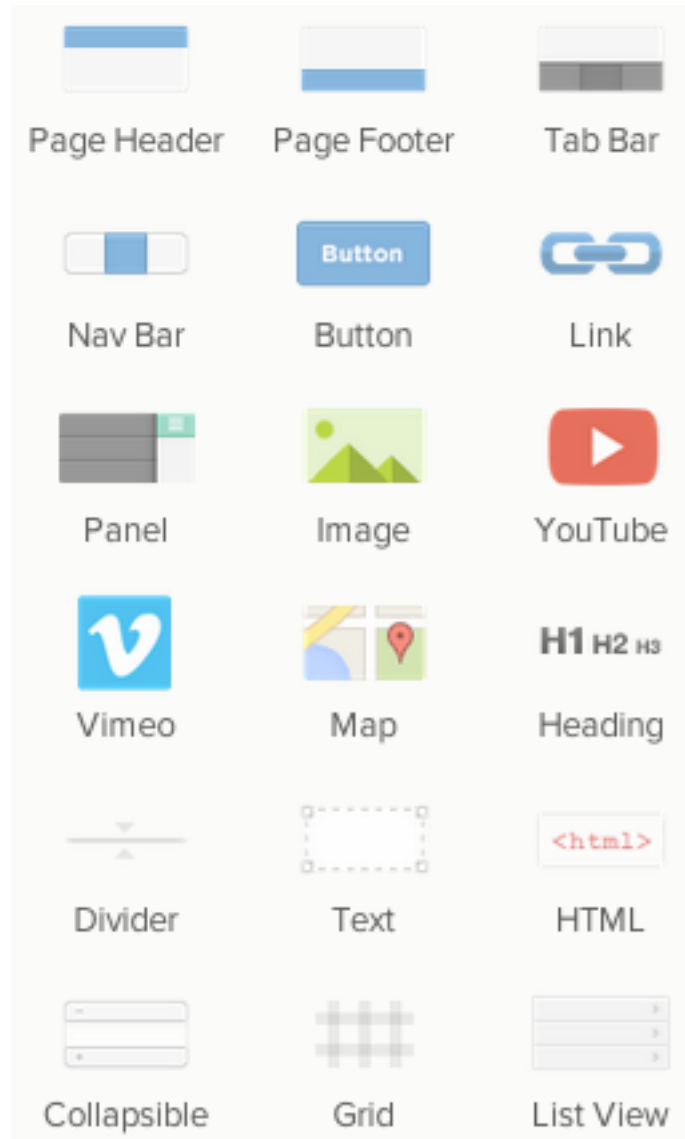
<https://codiqa.com/>

codiqa demo



<https://codiqa.com/demo>

Codiqa Components



BUILD

TEST

Download HTML

All

Toolbars

Buttons

Content

List Views

Form Elements

Page Header

Page Footer

Nav Bar

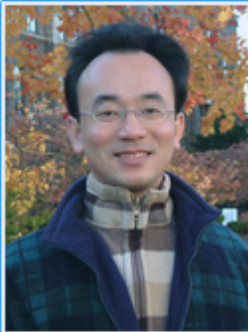
Button

Link

Image

Map

Header



+

×

Button

IMAGE

Image URL

http://mail.tku.edu.tw/myc

Link to

Width

50

☐ px ☒ %

Height

50

☐ px ☒ %

Align

Left

Display

Block

Open in New Window

No

Id

Class

Source: <http://jquerymobile.com/>

Inspect Code

32

BUILD
TEST
Download HTML

All
Toolbars
Buttons
Content
List Views
Form Elements

Page Header

Page Footer

Nav Bar

Button

Link

Image

Map

Inspect Code

```

1 <!-- Home -->
2 <div data-role="page" id="page1">
3   <div data-theme="b" data-role="header">
4     <h3>
5       Header
6     </h3>
7   </div>
8   <div data-role="content">
9     <div style="">
10      
13      Button
14    </a>
15  </div>
16  <div data-theme="a" data-role="footer" data-position="fixed">
17    <h3>
18      Footer
19    </h3>
20  </div>
21 </div>

```

Indent: 4
 ☐ spaces
 ☒ tabs

Source: <http://jquerymobile.com/>

BUILD TEST Download HTML

All
Toolbars
Buttons
Content
List Views
Form Elements

Image

Map

H1 H2 H3

Heading

Collapsible

Grid

List View

<form>

Form

Inspect Code

```

1 <!-- Home -->
2 <div data-role="page" id="page1">
3   <div data-theme="b" data-role="header">
4     <h3>
5       Tamkang U.
6     </h3>
7   </div>
8   <div data-role="content">
9     
11     <a data-role="button" href="#page1">
12       Button
13     </a>
14   </div>
15   <div data-theme="b" data-role="footer" data-position="fixed">
16     <h3>
17       Footer
18     </h3>
19   </div>
20 </div>

```

Indent: 4
 ☐ spaces
 ☒ tabs

Source: <http://jquerymobile.com/>

JS Bin - Collaborative JavaScript

[jsbin.com/lmorikO/1/edit](#)

Bins
Add library
Share

HTML
CSS
JavaScript
Console
Output

Log in
Register
Help

HTML

```

<!DOCTYPE html>
<html>
<head>
<link href="http://code.jquery.com/mobile/latest/jquery.mobile.css"
rel="stylesheet" type="text/css" />
<script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
<script src="http://code.jquery.com/mobile/latest/jquery.mobile.js"></script>
<meta charset=utf-8 />
<title>JS Bin</title>
</head>
<body>
  <div data-role="page" id="page1">
    <div data-theme="b" data-role="header">
      <h3>
        Tamkang U.
      </h3>
    </div>
    <div data-role="content">
      
      <a data-role="button" href="#page1">
        Button
      </a>
    </div>
    <div data-theme="b" data-role="footer" data-position="fixed">
      <h3>
        Footer
      </h3>
    </div>
  </div>
</body>
</html>

```

Output

Run with JS
Auto-run JS

Tamkang U.

Button

Footer

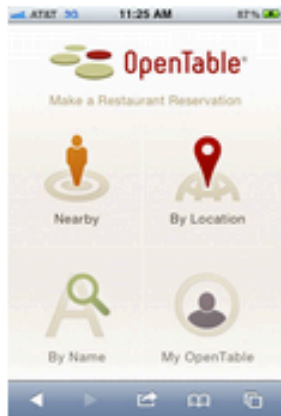
<http://jsbin.com/lmorikO/1/edit>

35

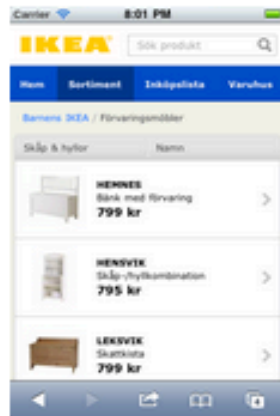
```
<!DOCTYPE html>
<html>
<head>
<link href="http://code.jquery.com/mobile/latest/jquery.mobile.css" rel="stylesheet" type="text/css" />
<script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
<script src="http://code.jquery.com/mobile/latest/jquery.mobile.js"></script>
<meta charset=utf-8 />
<title>JS Bin</title>
</head>
<body>
<div data-role="page" id="page1">
<div data-theme="b" data-role="header">
<h3>
Tamkang U.
</h3>
</div>
<div data-role="content">

<a data-role="button" href="#page1">
Button
</a>
</div>
<div data-theme="b" data-role="footer" data-position="fixed">
<h3>
Footer
</h3>
</div>
</div>
</body>
</html>
```

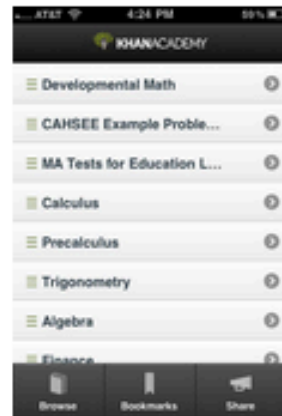

Get inspired: Built with jQuery Mobile



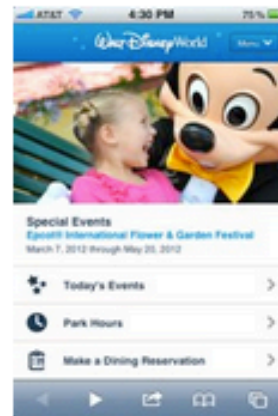
OpenTable



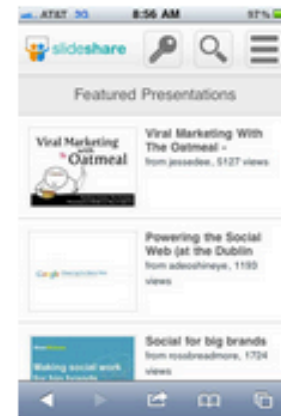
Ikea Sweden



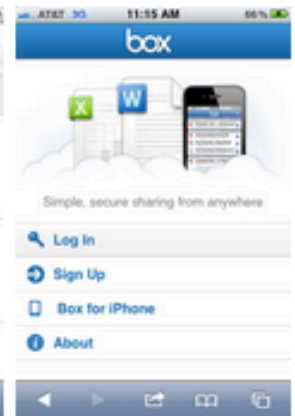
Khan Academy



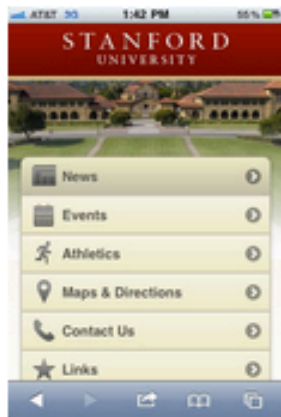
Disney World



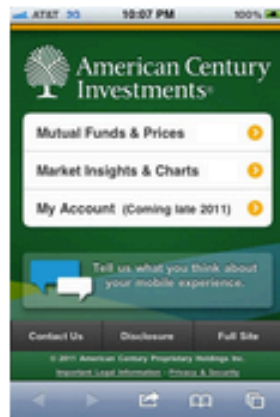
Slideshare



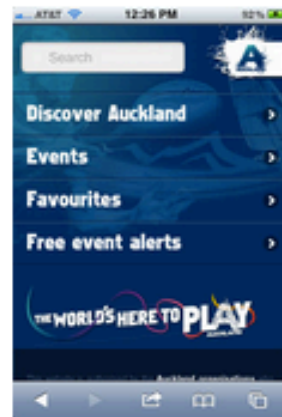
Box.net



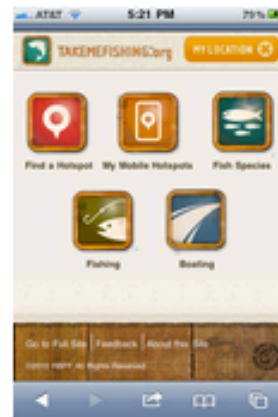
Stanford



American Century



Rugby World Cup



Take Me Fishing



Ryland Homes



Moulin Rouge

Stanford



- News
- Events
- Athletics
- Maps & Directions
- Contact & Directory
- Links
- Full Site

Human impact

Stanford group explores competing interests of wildlife and people on the Galapagos Islands.

EVENTS

NOV 5

Film: A Grin Without a Cat
7 p.m.

Mathematics of Bats
7:30 p.m.

NOV 6

Sustaining Indigenous Nations
Noon

[EVENT CALENDAR »](#)

UNIVERSITY NEWS



Improving diagnostics

Using MRI, Stanford researchers develop a way to quantitatively measure brain tissue.



Dreaming & hunting

Stanford research probes Aboriginal use of small fires to improve foraging.

MORE STORIES

» Stanford Ignite program returns to Bangalore in April 2014

» Summit at Stanford addresses how to attract minority students to STEM careers

» Seeking a path to health on the Rosebud Indian Reservation

GATEWAYS FOR...



- » Students
- » Faculty & Staff
- » Alumni
- » Parents
- » Visitors
- » Neighbors

TOP DESTINATIONS



SCHOOLS & DEPARTMENTS

- » Business
- » Earth Sciences
- » Education
- » Engineering
- » Humanities & Sciences
- » Law
- » Medicine
- » Departments (A - Z)
- » Interdisciplinary Programs

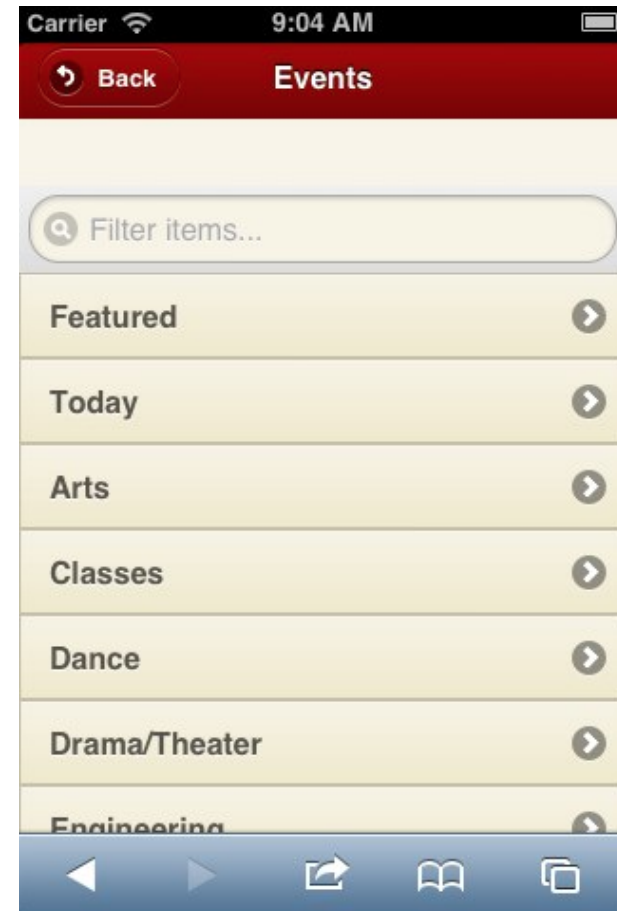
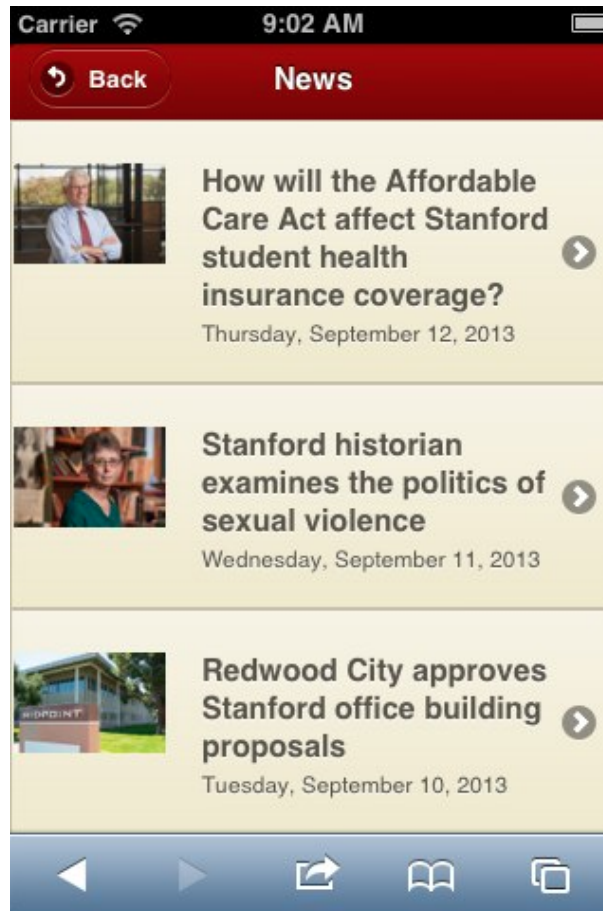
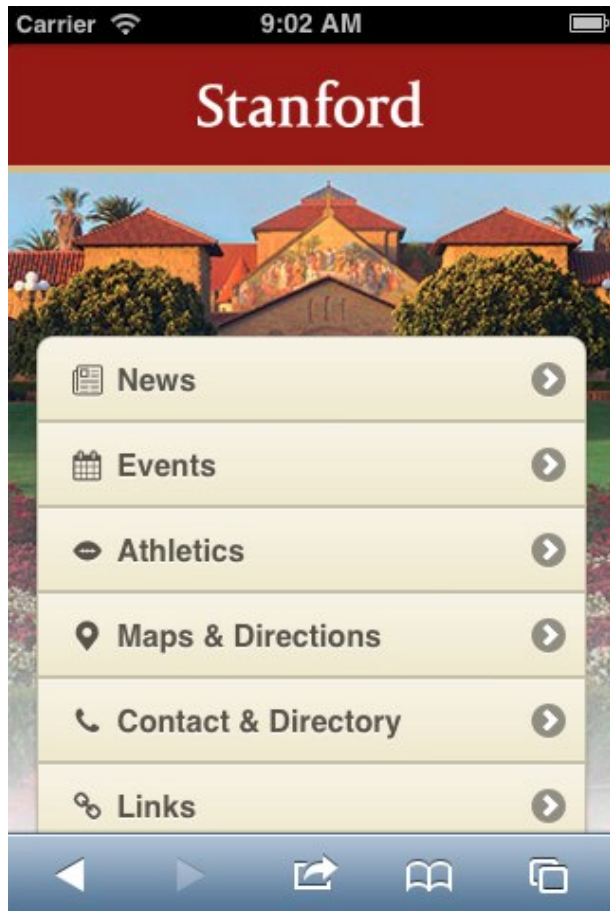
HOSPITALS

- » Stanford Hospital & Clinics
- » Lucile Packard Children's

LIBRARIES

Mobile website for Stanford University

<http://m.stanford.edu>



data-role="page"

```
<div data-role="page" id="first" data-theme="b">
```

```
<div data-role="header">
```

```
<div data-role="content">
```

```
<div data-role="page" id="first" data-theme="b">
  <div data-role="header">
    <h1>Page Header</h1>
  </div><!-- /header -->

  <div data-role="content">
    <p>Page content goes here.</p>
    <a href="#second">Go to second
page</a>
  </div><!-- /content -->

  <div data-role="footer" data-
position="fixed">
    <h4>Page Footer</h4>
  </div><!-- /footer -->
</div><!-- /page -->
```

```
<div data-role="footer" data-position="fixed">
```



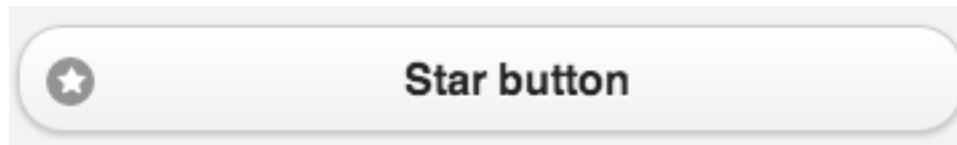
Page Header

Page content goes here.

[Go to second page](#)

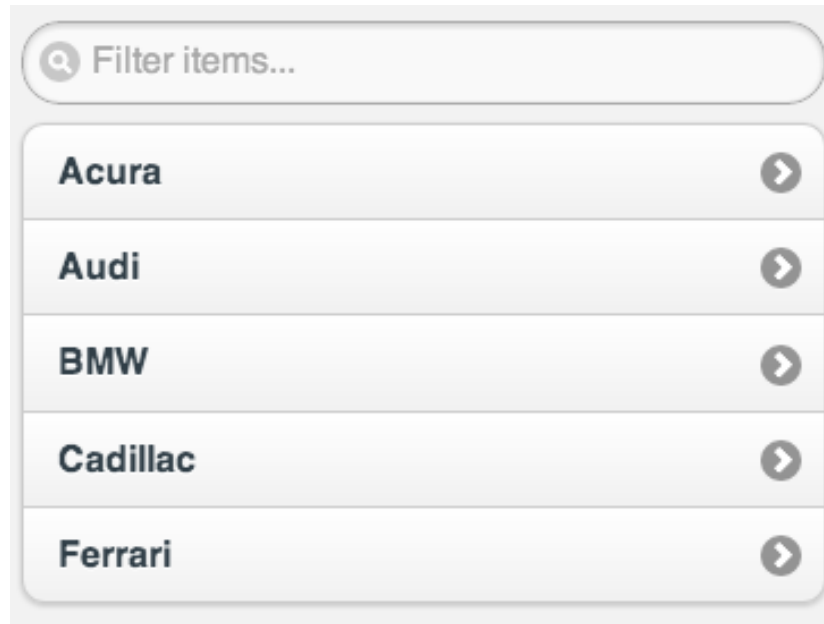
Page Footer

data-role="button"



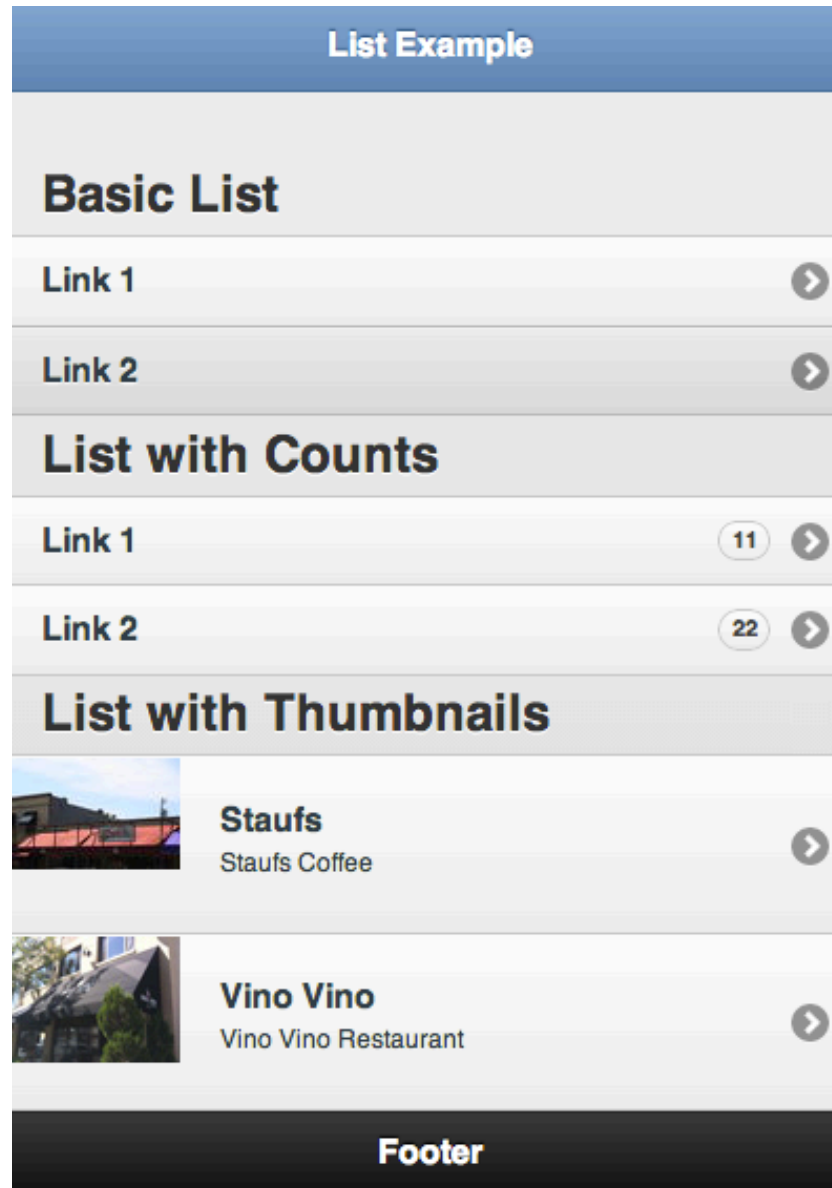
```
<a href="#" data-role="button" data-icon="star">Star button</a>
```

data-role="listview"



```
<ul data-role="listview" data-inset="true" data-filter="true">
  <li><a href="#">Acura</a></li>
  <li><a href="#">Audi</a></li>
  <li><a href="#">BMW</a></li>
  <li><a href="#">Cadillac</a></li>
  <li><a href="#">Ferrari</a></li>
</ul>
```

ListView Example

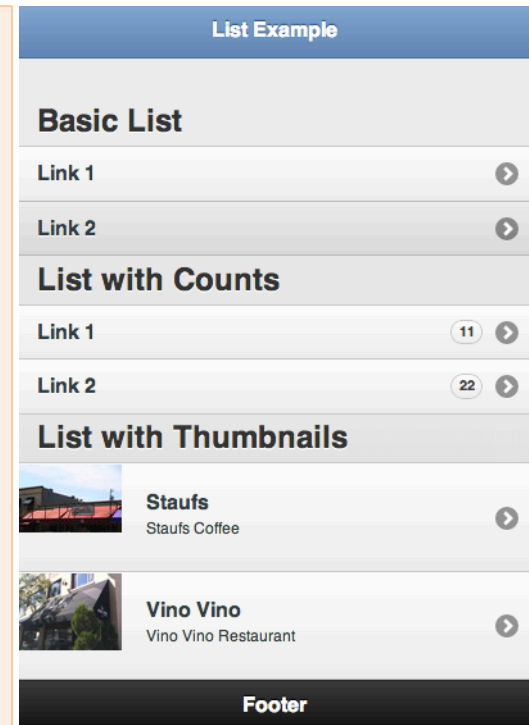


ListView Example

```
<div data-role="page" >
  <header data-role="header" data-theme="b">
    <h1>List Example</h1>
  </header>
  <section data-role="content">
    <h1>Basic List</h1>
    <ul data-role="listview">
      <li><a href="">Link 1</a></li>
      <li><a href="">Link 2</a></li>
    </ul>

    <h1>List with Counts</h1>
    <ul data-role="listview">
      <li><a href="">Link 1</a><span class="ui-li-count ui-btn-up-c ui-btn-corner-all">11</span></li>
      <li><a href="">Link 2</a><span class="ui-li-count ui-btn-up-c ui-btn-corner-all">22</span></li>
    </ul>

    <h1>List with Thumbnails</h1>
    <ul data-role="listview">
      <li><a href="index.html" class="ui-link-inherit">
        
        <h3 class="ui-li-heading">Staufts</h3>
        <p class="ui-li-desc">Staufts Coffee</p>
      </a>
    </li>
      <li><a href="index.html" class="ui-link-inherit">
        
        <h3 class="ui-li-heading">Vino Vino</h3>
        <p class="ui-li-desc">Vino Vino Restaurant</p>
      </a>
    </li>
    </ul>
  </section>
```



Form Element

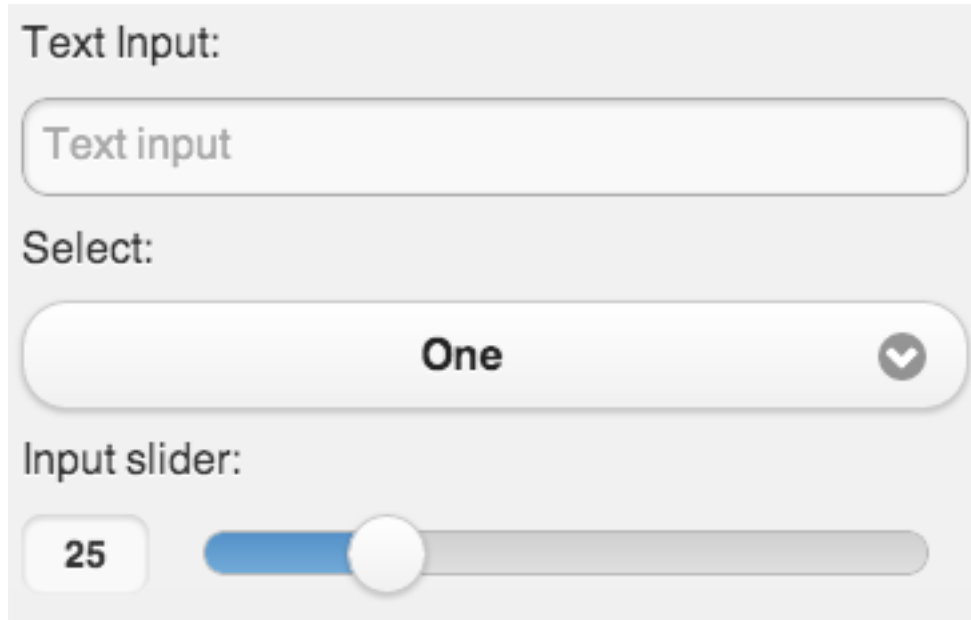
Text Input:

Select:

One

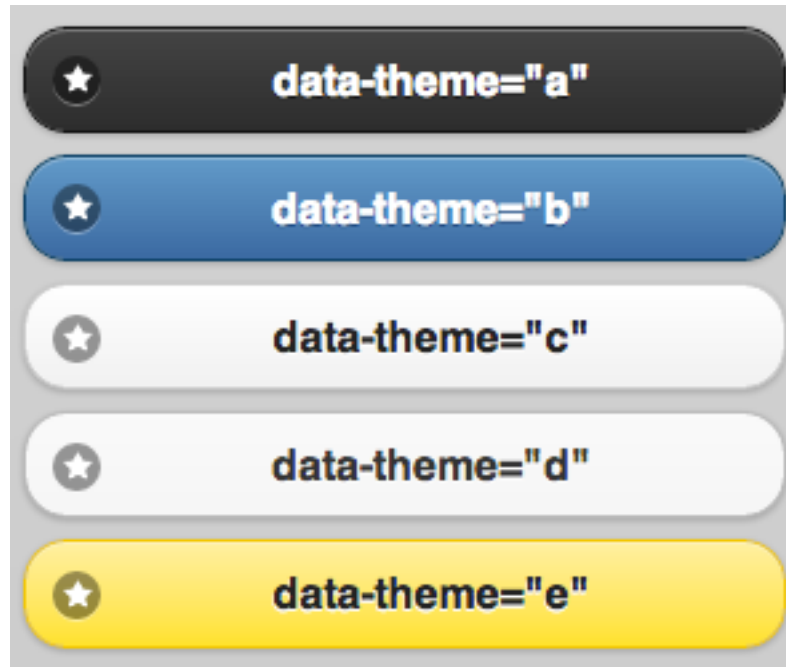
Input slider:

25



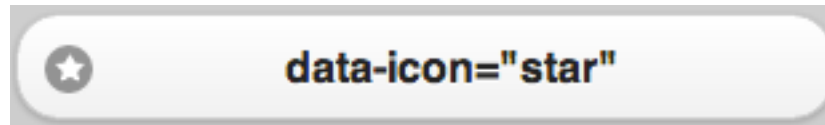
```
<form>
  <label for="textinput-s">Text Input:</label>
  <input type="text" name="textinput-s" id="textinput-s" placeholder="Text input"
value="" data-clear-btn="true">
  <label for="select-native-s">Select:</label>
  <select name="select-native-s" id="select-native-s">
    <option value="small">One</option>
    <option value="medium">Two</option>
    <option value="large">Three</option>
  </select>
  <label for="slider-s">Input slider:</label>
  <input type="range" name="slider-s" id="slider-s" value="25" min="0" max="100" data-
highlight="true">
</form>
```

data-theme="a"



```
<a href="#" data-role="button" data-icon="star" data-theme="a">data-theme="a"</a>  
<a href="#" data-role="button" data-icon="star" data-theme="b">data-theme="b"</a>  
<a href="#" data-role="button" data-icon="star" data-theme="c">data-theme="c"</a>  
<a href="#" data-role="button" data-icon="star" data-theme="d">data-theme="d"</a>  
<a href="#" data-role="button" data-icon="star" data-theme="e">data-theme="e"</a>
```

data-icon="star"



```
<a href="#" data-role="button" data-icon="star" data-theme="c">data-icon="star"</a>
```



Custom Icons

```
.ui-icon-myapp-email {  
    background-image: url("app-icon-email.png");  
}
```

white icon

18x18 pixels

PNG-8 with alpha transparency



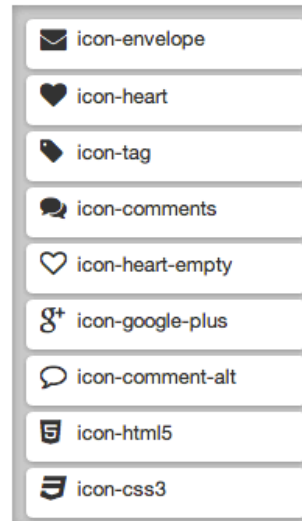
jQuery Mobile Icon Pack

1. Choose your icons Click to add to your set. [Clear](#)



2. Preview your icon set

Click an icon to remove it.



3. Download

(CSS, LESS & SCSS files)

 [Download Now](#)

Having trouble building your custom icon set?

[Let me know about it.](#)



ThemeRoller for jQuery Mobile

The screenshot displays the ThemeRoller for jQuery Mobile web application. The browser's address bar shows the URL `themeroller.jquerymobile.com`. The application header includes the jQuery Mobile logo and version **Version 1.4.3**. Navigation buttons for **undo**, **redo**, **Inspector off**, **Download theme zip file**, **Import or upgrade**, **Share theme link**, and **Help center** are visible. A left sidebar contains a **Global** tab and a **Theme Settings** section with expandable categories: **Font Family**, **Corner Radii**, **Icon**, and **Box Shadow**. The main workspace features a color selection tool with a palette, **Adobe Kuler swatches**, and sliders for **LIGHTNESS** and **SATURATION**. Below this, a checkbox for **Show alternative icons in preview** is present, along with a link to **See icon demos for usage**. The central area displays three mobile device mockups labeled **A**, **B**, and **C**. Each mockup shows a consistent theme with a header, body text, a list of items (including a linked item), and a form section with a radio button, a checked checkbox, and an **On/Off** toggle.

<http://jquerymobile.com/themeroller/>

ThemeRoller for jQuery Mobile

The screenshot displays the ThemeRoller for jQuery Mobile web application. The browser address bar shows the URL jquerymobile.com/themeroller/. The interface includes a top navigation bar with the jQuery Mobile logo, version information (Version 1.3.2), and buttons for undo, redo, inspector, download, import, share, and help. Below this is a sidebar with tabs for Global, A, B, and C, and a section for Swatch B. The main content area shows three mobile device mockups (A, B, and C) displaying a sample theme. Mockup A is yellow, B is blue, and C is brown. Each mockup shows a list of items, a radio button, a checkbox, a toggle switch, and a text input field. The sidebar on the left contains settings for the selected swatch, including Link Color, Text Color, Text Shadow, Background, Border, and Button styles (Normal, Hover, Pressed).

<http://jquerymobile.com/themeroller/>

<http://grandviewave.com>

Carrier

7:18 AM

grandviewave.com



grandview Ave.



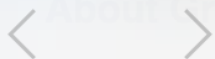
Home

Near Me

Sales

Parking

Tours



Carrier

7:21 AM

grandviewave.com



grandview Ave.



Business Directory



About Grandview Ave.



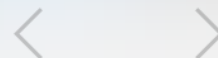
Home

Near Me

Sales

Parking

Tours



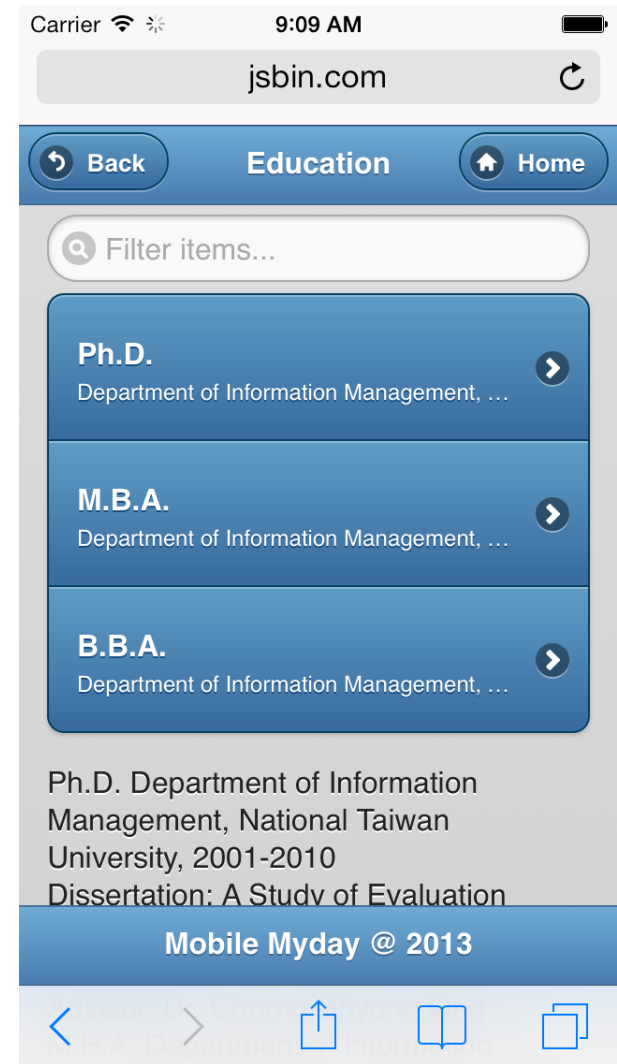
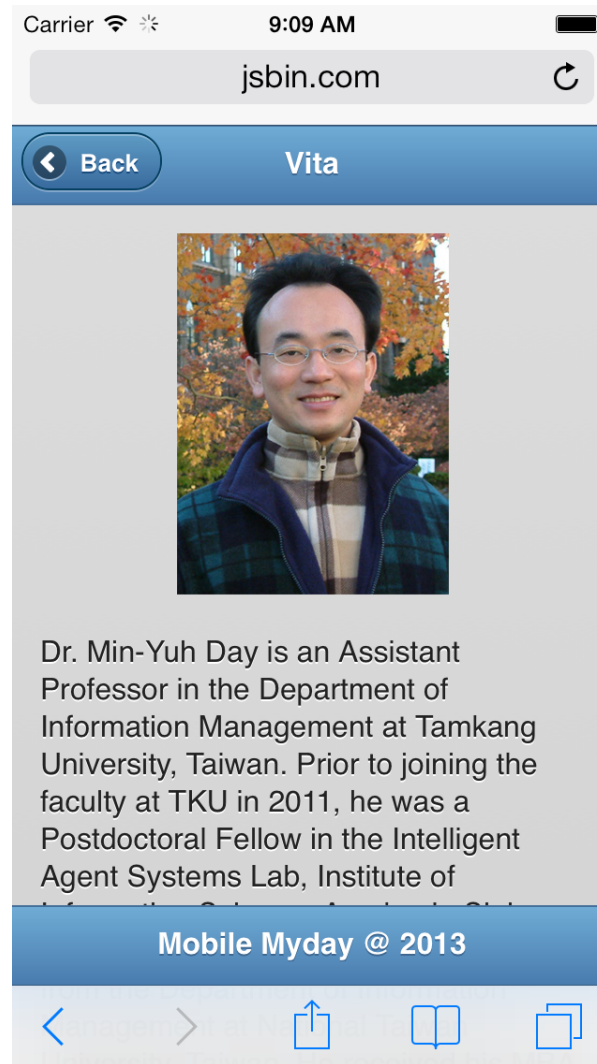
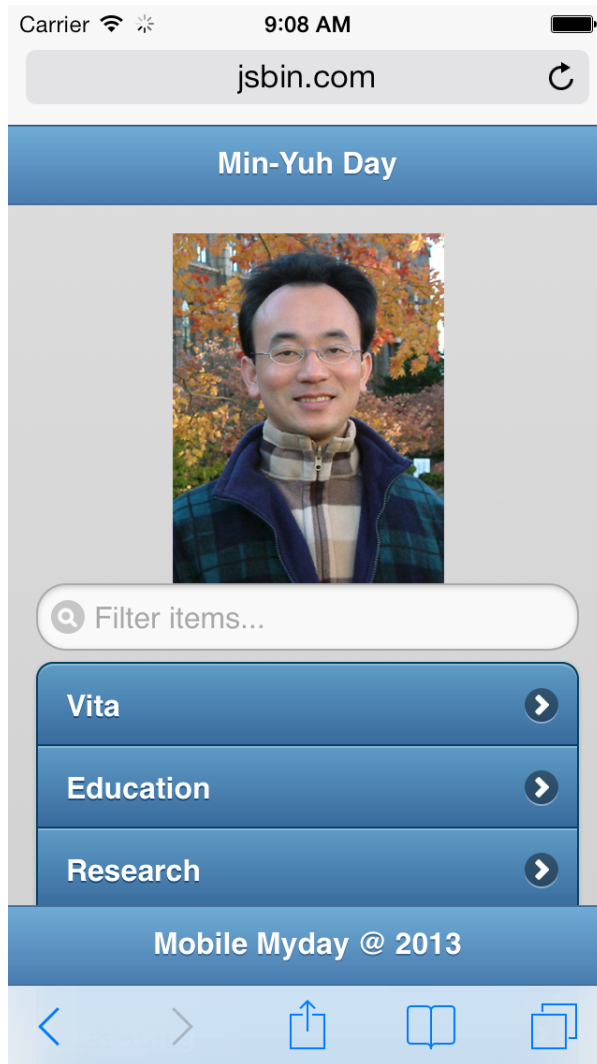
Demo

Building Mobile Apps with jQuery Mobile

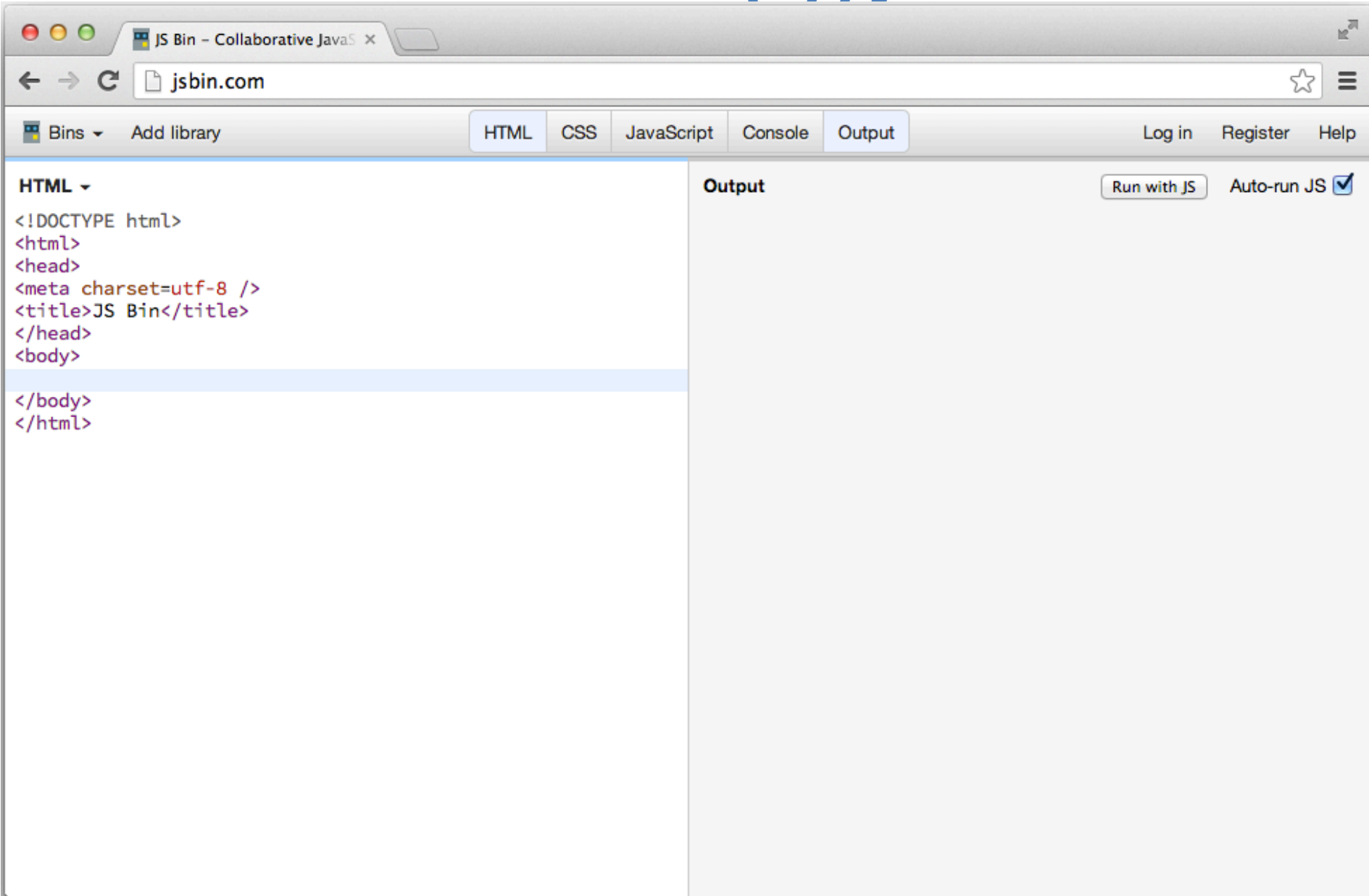
<http://jsbin.com>



Mobile Myday



Online Editor: <http://jsbin.com>



CompileOnline: Try jQueryMobile Online

The screenshot shows the CompileOnline jQueryMobile online editor interface. The browser address bar displays `www.compileonline.com/try_jquerymobile_online.php`. The page title is "compileonline.com - Try jQueryMobile online". The interface includes a navigation bar with links for Home, Languages, Web Editors, About, and Help. Below the navigation bar, there are tabs for "Result Preview" and "HTML with jQuery Mobile", and a "Default Ace Editor" button. The main area is divided into two panels. The left panel shows the HTML code for a jQueryMobile page, and the right panel shows the rendered result.

HTML Code:

```
1 <!DOCTYPE html>
2 <html>
3   <head>
4     <title>Page Title</title>
5     <meta name="viewport" content="width=device-width, initial-scale=1" />
6     <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
7     <link type="text/css" href="http://code.jquery.com/mobile/latest/jquery.mobile.min.css" rel
8   = "stylesheet" />
9     <script type="text/javascript" src="http://code.jquery.com/mobile/latest/jquery.mobile.min.js"
10  ></script>
11   </head>
12   <body>
13     <div data-role="page" id="first" data-theme="a">
14       <div data-role="header">
15         <h1>Page Title1</h1>
16       </div><!-- /header -->
17       <div data-role="content">
18         <p>Page content goes here.</p>
19         <a href="#second">Go to second page</a>
20       </div><!-- /content -->
21       <div data-role="footer">
22         <h4>Page Footer1</h4>
23       </div><!-- /footer -->
24     </div><!-- /page -->
25
26     <div data-role="page" id="second" data-add-back-btn="true" data-theme="b">
27       <div data-role="header">
28         <h1>Page Title2</h1>
29       </div><!-- /header -->
30       <div data-role="content">
31         <p>Page content goes here.</p>
32       </div><!-- /content -->
33       <div data-role="footer">
34         <h4>Page Footer2</h4>
35       </div><!-- /footer -->
36     </div><!-- /page -->
37   </body>
</html>
```

Rendered Result:

Page Title1

Page content goes here.

[Go to second page](#)

Page Footer1

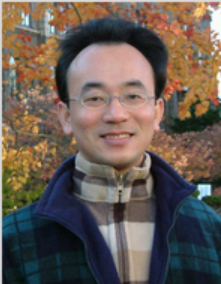
http://www.compileonline.com/try_jquerymobile_online.php

Min-Yuh Day Mobile App
jsbin.com/lwOMezo/1/edit
HTML CSS JavaScript Console Output
Log in Register Help

HTML
<!DOCTYPE html>
<html>
<head>
<title>Min-Yuh Day Mobile App</title>
<meta charset=utf-8 />
<meta name="viewport" content="width=device-width, initial-scale=1" />
<script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
<link type="text/css" href="http://code.jquery.com/mobile/latest/jquery.mobile.min.css" rel="stylesheet" />
<script type="text/javascript" src="http://code.jquery.com/mobile/latest/jquery.mobile.min.js"></script>
</head>
<body>
<div data-role="page" id="MyHome" data-theme="b">
<div data-role="header" data-theme="b">
<h1>Min-Yuh Day</h1>
</div><!-- /header -->
<div data-role="content">
<div style="text-align:center">

</div>
<ul data-role="listview" data-inset="true" data-filter="true">
Vita
Education
Research
Publications
Teaching
Professional Activities

Classic Web
</div><!-- /content -->
<div data-role="footer" data-position="fixed" data-theme="b">
<h4>Mobile Myday @ 2013</h4>
</div><!-- /footer -->
</div><!-- /page 1 MyHome-->
<div data-role="page" id="Vita" data-add-back-btn="true" data-theme="b">
<div data-role="header" data-theme="b">

Output
Run with JS Auto-run JS
Min-Yuh Day

Filter items...
Vita
Education
Research
Publications
Teaching
Professional Activities
Classic Web
Mobile Myday @ 2013

jQuery jQuery.Mobile js css

```
<!DOCTYPE html>
<html>
  <head>
    <title>Min-Yuh Day Mobile App</title>
    <meta charset=utf-8 />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
    <link type="text/css" href="http://code.jquery.com/mobile/latest/jquery.mobile.min.css" rel="stylesheet" />
    <script type="text/javascript" src="http://code.jquery.com/mobile/latest/jquery.mobile.min.js"></script>
  </head>
```

Page 1 MyHome

```
<body>
  <div data-role="page" id="first" data-theme="b">
    <div data-role="header" data-theme="b">
      <h1>Min-Yuh Day</h1>
      <a href="index.html" data-icon="home">Home</a>
    </div><!-- /header -->

    <div data-role="content">
      <div style="text-align:center">
        
      </div>
      <ul data-role="listview" data-inset="true" data-filter="true">
        <li><a href="#Vita">Vita</a></li>
        <li><a href="#Education">Education</a></li>
        <li><a href="#Research">Research</a></li>
        <li><a href="#Publications">Publications</a></li>
        <li><a href="#Teaching">Teaching</a></li>
        <li><a href="#ProfessionalActivities">Professional Activities</a></li>
      </ul>

      <a href="http://mail.tku.edu.tw/myday" data-role="button" data-icon="star">Classic Web</a>

    </div><!-- /content -->

    <div data-role="footer" data-position="fixed" data-theme="b">
      <h4>Mobile Myday @ 2013</h4>
    </div><!-- /footer -->
  </div><!-- /page 1-->
```

Page 2 Vita

```
<div data-role="page" id="Vita" data-add-back-btn="true" data-theme="b">
  <div data-role="header" data-theme="b">
    <h1>Vita</h1>
  </div><!-- /header -->
  <div data-role="content">
    <div style="text-align:center">
      
    </div>
    <p>Dr. Min-Yuh Day is an Assistant Professor in the Department of Information Management at Tamkang University, Taiwan. ....</p>
  </div><!-- /content -->
  <div data-role="footer" data-position="fixed" data-theme="b">
    <h4>Mobile Myday @ 2013</h4>
  </div><!-- /footer -->
</div><!-- /page 2 Vita-->
```


Page 3 Education

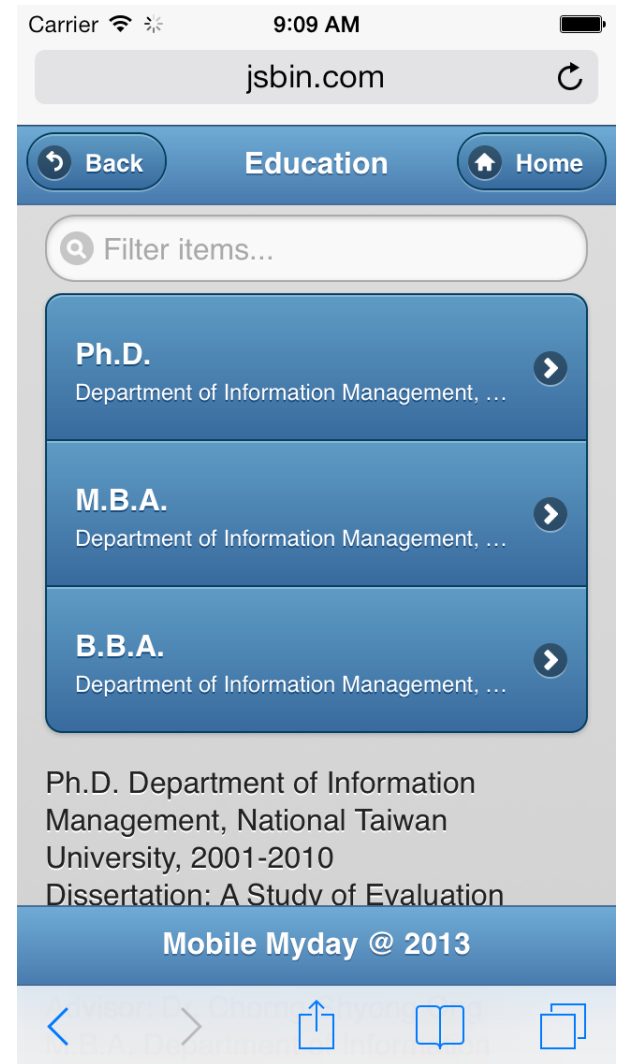
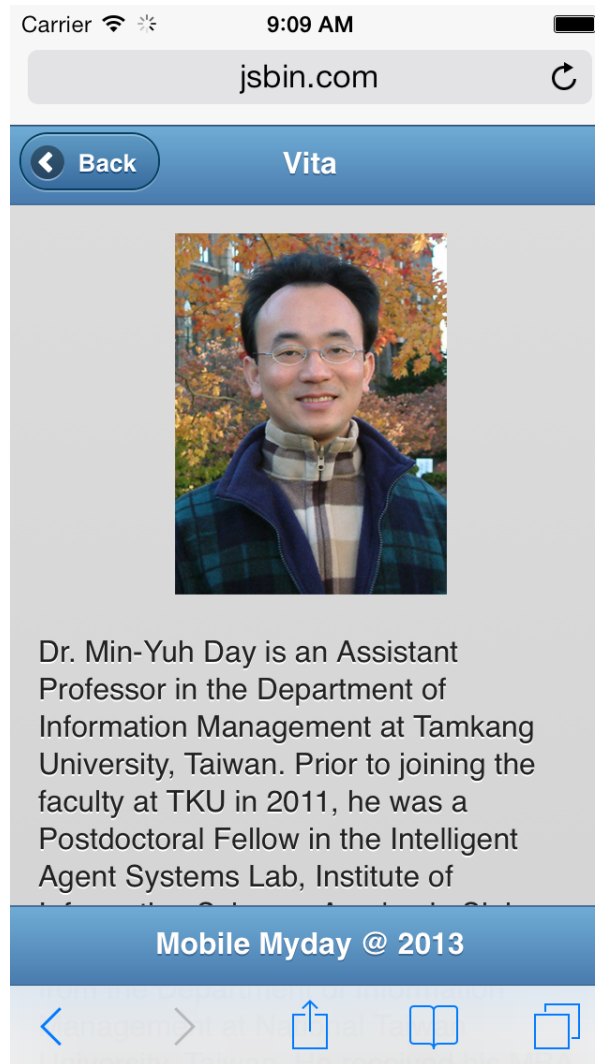
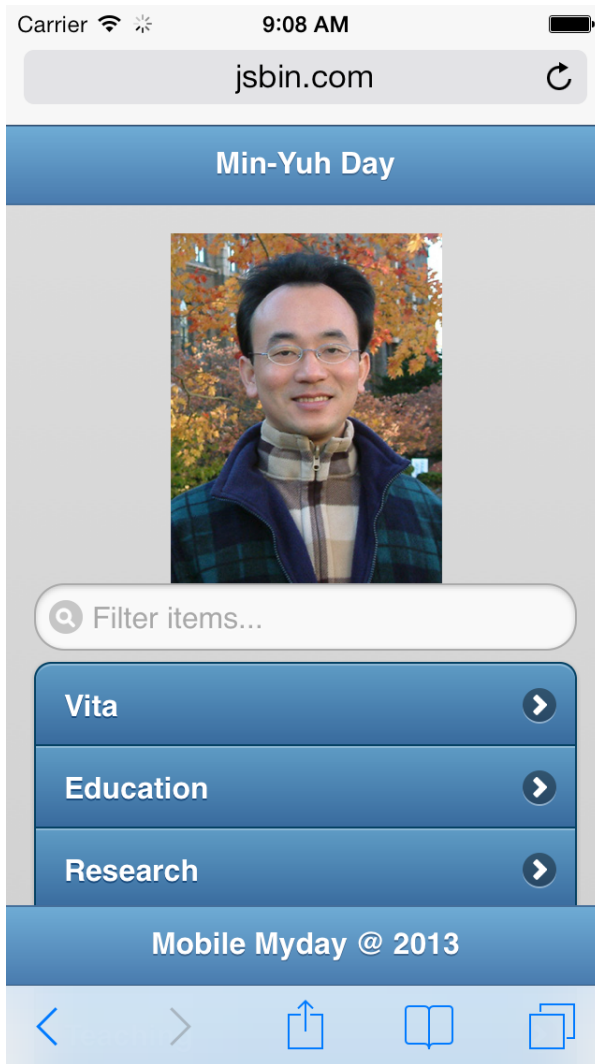
```
<div data-role="page" id="Education" data-theme="b">
  <div data-role="header" data-position="inline" data-theme="b">
    <a data-icon="back" data-rel="back" back-btn="true">Back</a>
    <h1>Education</h1>
    <a href="#" data-icon="home">Home</a>
  </div><!-- /header -->
  <div data-role="content">

    <ul data-role="listview" data-inset="true" data-filter="true">
      <li>
        <a href="#" class="ui-link-inherit">
          <h3 class="ui-li-heading">Ph.D.</h3>
          <p class="ui-li-desc">Department of Information Management, National Taiwan University, 2001-2010</p>
        </a>
      </li>
      <li>
        <a href="#" class="ui-link-inherit">
          <h3 class="ui-li-heading">M.B.A.</h3>
          <p class="ui-li-desc">Department of Information Management, Tamkang University, 1993-1995</p>
        </a>
      </li>
      <li>
        <a href="#" class="ui-link-inherit">
          <h3 class="ui-li-heading">B.B.A.</h3>
          <p class="ui-li-desc">Department of Information Management, Tamkang University, 1989-1993</p>
        </a>
      </li>
    </ul>

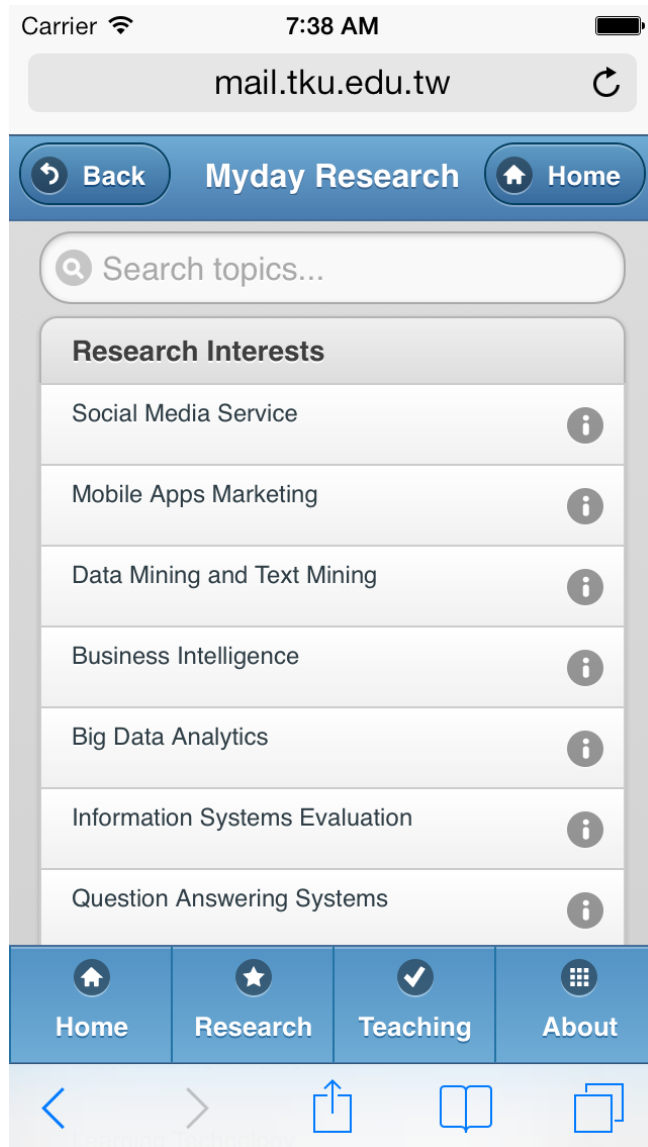
  </div><!-- /content -->
  <div data-role="footer" data-position="fixed" data-theme="b">
    <h4>Mobile Myday @ 2013</h4>
  </div><!-- /footer -->
</div><!-- /page 3 Education-->

</body>
</html>
```

Mobile Myday



Mobile Myday



<http://mail.tku.edu.tw/myday/m>

Page 4 Research

```
<div data-role="page" id="Research" data-theme="b">
  <div data-role="header" data-position="inline" data-theme="b">
    <a data-icon="back" data-rel="back" back-btn="true">Back</a>
    <h1>Myday Research</h1>
    <a href="#MyHome" data-icon="home">Home</a>
  </div><!-- /header -->
  <div data-role="content">

    <ul data-role="listview" data-inset="true" data-filter="true" data-filter-placeholder="Search topics..." data-theme="c">
      <li data-role="list-divider" data-theme="c">Research Interests</li>
      <li data-icon="info"><a href="#"><p>Social Media Service</p></a></li>
      <li data-icon="info"><a href="#"><p>Mobile Apps Marketing</p></a></li>
      <li data-icon="info"><a href="#"><p>Data Mining and Text Mining</p></a></li>
      <li data-icon="info"><a href="#"><p>Business Intelligence</p></a></li>
      <li data-icon="info"><a href="#"><p>Big Data Analytics</p></a></li>
      <li data-icon="info"><a href="#"><p>Information Systems Evaluation</p></a></li>
      <li data-icon="info"><a href="#"><p>Question Answering Systems</p></a></li>
      <li data-icon="info"><a href="#"><p>Knowledge Management</p></a></li>
      <li data-icon="info"><a href="#"><p>Electronic Commerce</p></a></li>
      <li data-icon="info"><a href="#"><p>Learning Technology</p></a></li>
      <li data-icon="info"><a href="#"><p>Intelligent Information Systems</p></a></li>
      <li data-icon="info"><a href="#"><p>Biomedical Informatics</p></a></li>
    </ul>

  </div><!-- /content -->

  <div data-role="footer" data-position="fixed" data-theme="b">
    <div data-role="navbar">
      <ul>
        <li><a href="#MyHome" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="home">Home</a></li>
        <li><a href="#Research" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="star">Research</a></li>
        <li><a href="#Teaching" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="check">Teaching</a></li>
        <li><a href="#About" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="grid">About</a></li>
      </ul>
    </div>
  </div><!-- /footer -->
</div><!-- /page 4 Research-->
```

Page 5 Teaching

```
<div data-role="page" id="Teaching" data-theme="b">
  <div data-role="header" data-position="inline" data-theme="b">
    <a data-icon="back" data-rel="back" back-btn="true">Back</a>
    <h1>Myday Teaching</h1>
    <a href="#MyHome" data-icon="home">Home</a>
  </div><!-- /header -->

  <div data-role="content">
    <div style="text-align:center">
      
    </div>
    <ul data-role="listview" data-inset="true" data-filter="true" data-filter-placeholder="Search courses..." data-theme="c">
      <li data-role="list-divider" data-theme="c">Fall 2013 (2013.09-2014.01)<span class="ui-li-count">3</span></li>
      <li><a href="http://mail.tku.edu.tw/myday/teaching.htm#1021SMAP" rel="external"><p>Social Media Apps Programming <br>(Fall 2013)</p></a></li>
      <li><a href="http://mail.tku.edu.tw/myday/teaching.htm#1021CSIM4B" rel="external"><p>Case Study for Information Management <br>(Fall 2013)</p></a></li>
      <li><a href="http://mail.tku.edu.tw/myday/teaching.htm#1021IS" rel="external"><p>Digital Information Services <br>(Fall 2013)</p></a></li>
      <li data-role="list-divider" data-theme="c">Spring 2013 (2013.02-2013.06)<span class="ui-li-count">4</span></li>
      <li><a href="http://mail.tku.edu.tw/myday/teaching.htm#1012BIT" rel="external"><p>Business Intelligence Trends <br>(Spring 2013)</p></a></li>
      <li><a href="http://mail.tku.edu.tw/myday/teaching.htm#1012SMMM" rel="external"><p>Social Media Marketing Management <br>(Spring 2013)</p></a></li>
      <li><a href="http://mail.tku.edu.tw/myday/teaching.htm#1012DM" rel="external"><p>Data Mining <br>(Spring 2013)</p></a></li>
      <li><a href="http://mail.tku.edu.tw/myday/teaching.htm#1012ISM" rel="external"><p>The Issue of Information Security Management <br>(Spring 2013)</p></a></li>
    </ul>
  </div><!-- /content -->

  <div data-role="footer" data-position="fixed" data-theme="b">
    <div data-role="navbar">
      <ul>
        <li><a href="#MyHome" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="home">Home</a></li>
        <li><a href="#Research" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="star">Research</a></li>
        <li><a href="#Teaching" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="check">Teaching</a></li>
        <li><a href="#About" class="ui-btn-active ui-state-persist" data-transition="fade" data-icon="grid">About</a></li>
      </ul>
    </div>
  </div><!-- /footer -->
</div><!-- /page 5 Teaching -->
```

Summary

- jQuery Mobile
 - JavaScript Library
 - jQuery
 - jQuery UI
- Demo
 - Building Mobile Apps with JQuery Mobile



References

- Learn HTML5 and JavaScript for iOS: Web Standards-based Apps for iPhone, iPad, and iPod touch, Scott Preston, Apress, 2012
- jQuery Mobile
 - <http://jquerymobile.com/>
- W3schools jQuery Mobile
 - <http://www.w3schools.com/jquerymobile/default.asp>