



Social Media Apps Programming

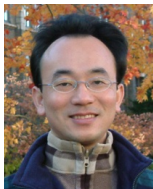
jQuery Mobile

1071SMAP06

TLMXM1A (8550) (M2143) (Fall 2018)

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

Thu 8,9 (10:10-12:00) B206



Min-Yuh Day, Ph.D.

Assistant Professor

Department of Information Management

Tamkang University

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

2018-10-18



Course Schedule (1/2)



Week	Date	Subject/Topics
1	2018/09/13	Course Orientation and Introduction to Social Media and Mobile Apps Programming
2	2018/09/20	Introduction to Android / iOS Apps Programming
3	2018/09/27	Developing Android Native Apps with Java (Android Studio)
4	2018/10/04	Developing iPhone / iPad Native Apps with Swift (XCode)
5	2018/10/11	Mobile Apps using HTML5/CSS3/JavaScript
6	2018/10/18	jQuery Mobile
7	2018/10/25	Create Hybrid Apps with Phonegap
8	2018/11/01	jQuery Mobile/Phonegap
9	2018/11/08	jQuery Mobile/Phonegap

Course Schedule (2/2)



Week	Date	Subject/Topics
10	2018/11/15	Midterm Exam Week / Project Presentation
11	2018/11/22	Case Study on Social Media Apps Programming and Marketing in Google Play and App Store
12	2018/11/29	Google Cloud Platform
13	2018/12/06	Google App Engine
14	2018/12/13	Google Map API
15	2018/12/20	Facebook API (Facebook JavaScript SDK) (Integrate Facebook with iOS/Android Apps)
16	2018/12/27	Twitter API
17	2019/01/03	Final Project Presentation
18	2019/01/10	Final Exam Week / Final Project Presentation

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
------	-----------	-----------	-----------	-----------

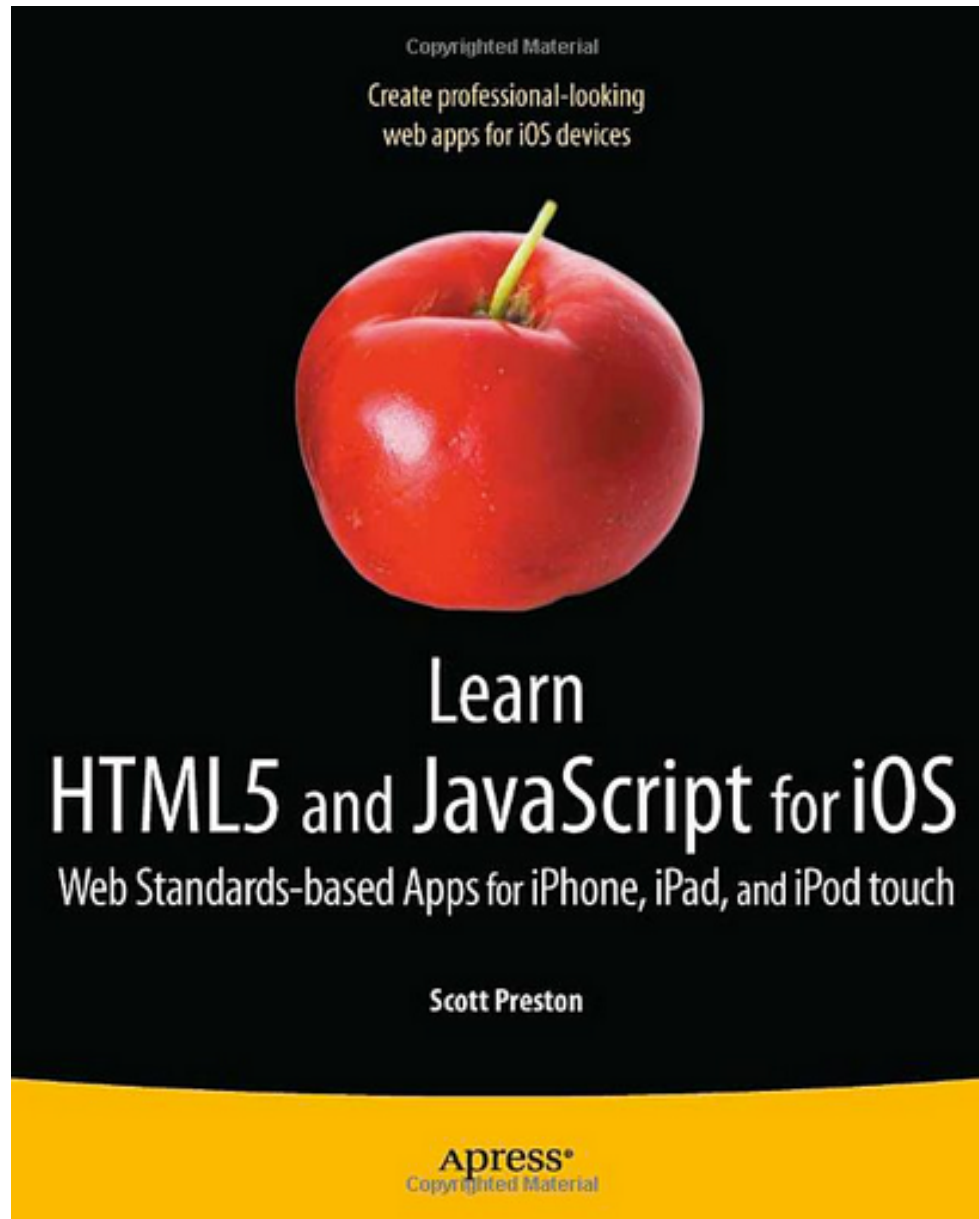
Hybrid Apps

Full	Native Speed as Necessary	Reasonable	Available	Low Overhead
------	---------------------------	------------	-----------	--------------

Web Apps

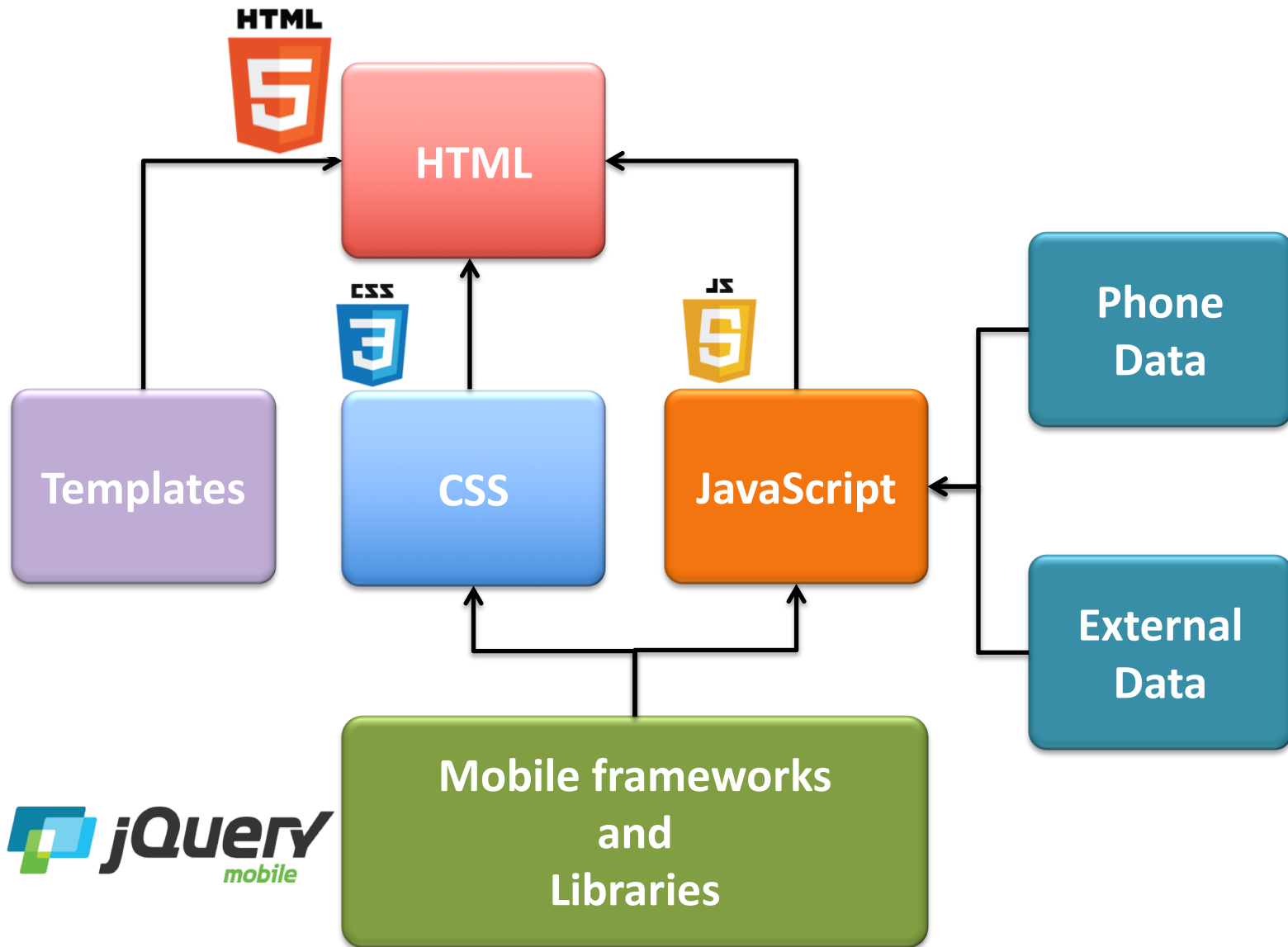
Partial	Fast	Reasonable	Not Available	None
---------	------	------------	---------------	------

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

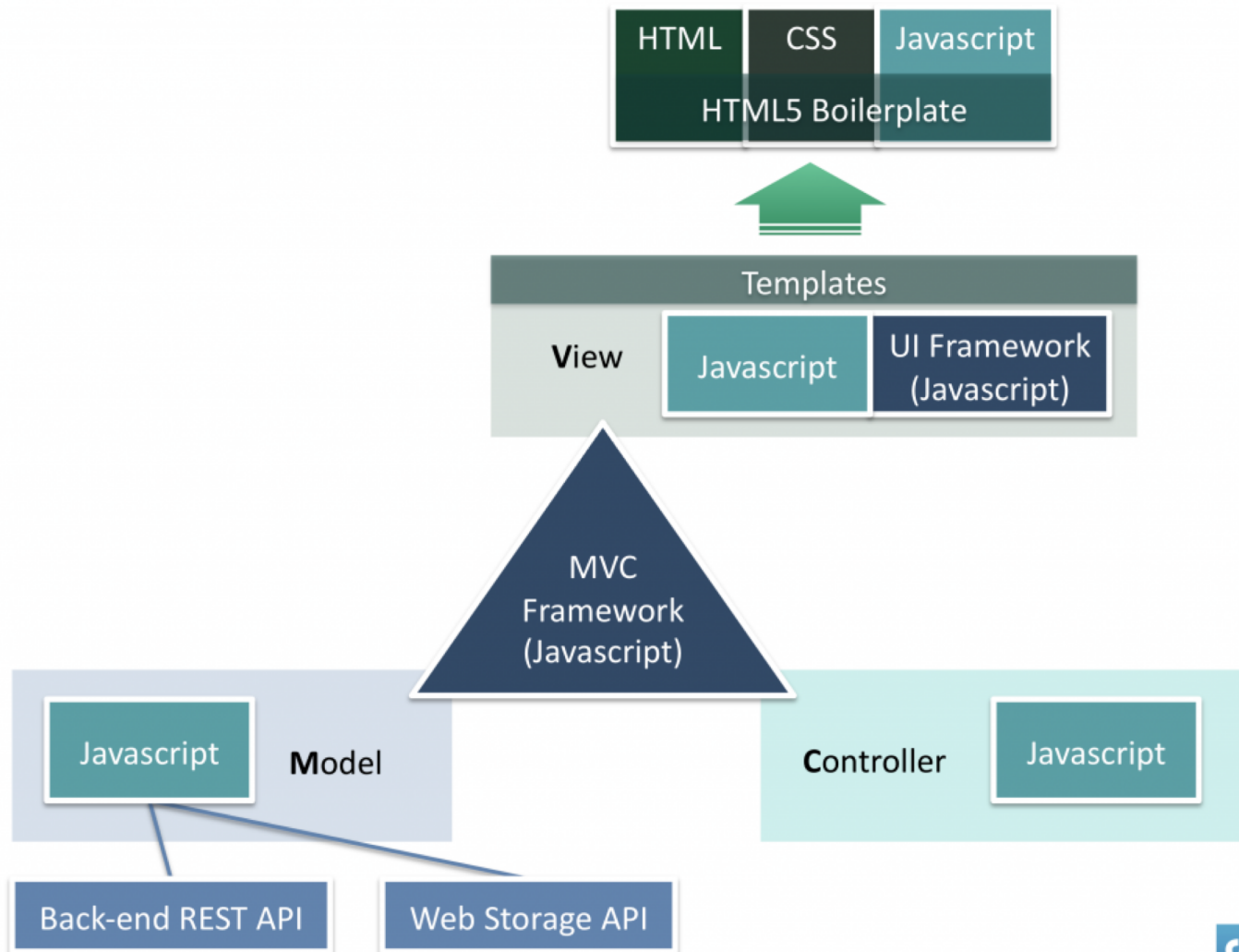


Source: <http://www.amazon.com/Learn-HTML5-JavaScript-iOS-Standards-based/dp/1430240385>

Mobile Web App



MVC Framework of Mobile Apps (HTML5, CSS3, JavaScript)



Progressive Web App (PWA)
Single-Page Application (SPA)
Responsive Web Design (RWD)
Responsive Front-end Framework
Google Material Design

Mobile frameworks and Libraries

jQuery Mobile

jquerymobile.com

Plugins Contribute Events Support jQuery Foundation



Your donations help fund the continued development and growth of jQuery.

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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](#)
- [Chanaeloas](#)

<http://jquerymobile.com/>

Bootstrap

Bootstrap

Build responsive, mobile-first projects on the web with the world's most popular front-end component library.

Bootstrap is an open source toolkit for developing with HTML, CSS, and JS. Quickly prototype your ideas or build your entire app with our Sass variables and mixins, responsive grid system, extensive prebuilt components, and powerful plugins built on jQuery.

[Get started](#)

[Download](#)

Currently v4.0.0-beta.2



Angular



FEATURES

DOCS

RESOURCES

EVENTS

BLOG

Search



One framework.
Mobile & desktop.

GET STARTED



Join us in London for AngularConnect
November 7-8, 2017

LEARN MORE

DEVELOP ACROSS ALL PLATFORMS

<https://angular.io/>

React js

[Docs](#)[Tutorial](#)[Community](#)[Blog](#)[🔍 Search docs](#)[v16.0.0](#)[GitHub](#)

React

A JavaScript library for building user interfaces

[Get Started](#)[Take the Tutorial >](#)

Declarative

React makes it painless to create interactive UIs. Design simple views for each state in your application, and React will efficiently update and render just the

Component-Based

Build encapsulated components that manage their own state, then compose them to make complex UIs.

Learn Once, Write Anywhere

We don't make assumptions about the rest of your technology stack, so you can develop new features in React without rewriting existing code.

<https://reactjs.org/>

React Native

React Native

Learn once, write anywhere: Build mobile apps with React

Get Started

Learn the Basics

Build native mobile apps using JavaScript and React

React Native lets you build mobile apps using only JavaScript. It uses the same design as React, letting you compose a rich mobile UI from declarative components.

```
import React, { Component } from 'react';
import { Text, View } from 'react-native';

class WhyReactNativeIsSoGreat extends Component {
  render() {
    return (
      <View>
        <Text>
          If you like React on the web, you'll like React Native.
        </Text>
        <Text>
```

Vue.js

Vue.js

Learn ▾ Ecosystem ▾ Team Support Vue ▾ Translations ▾



The Progressive JavaScript Framework

GET STARTED

GITHUB

Approachable

Already know HTML, CSS and JavaScript? Read the guide and start building things in no time!

Versatile

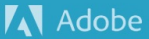
An incrementally adoptable ecosystem that scales between a library and a full-featured framework.

Performant

20KB min+gzip Runtime
Blazing Fast Virtual DOM
Minimal Optimization Efforts

<https://vuejs.org/>

PhoneGap: Mobile Apps Powered by Open Web Tech

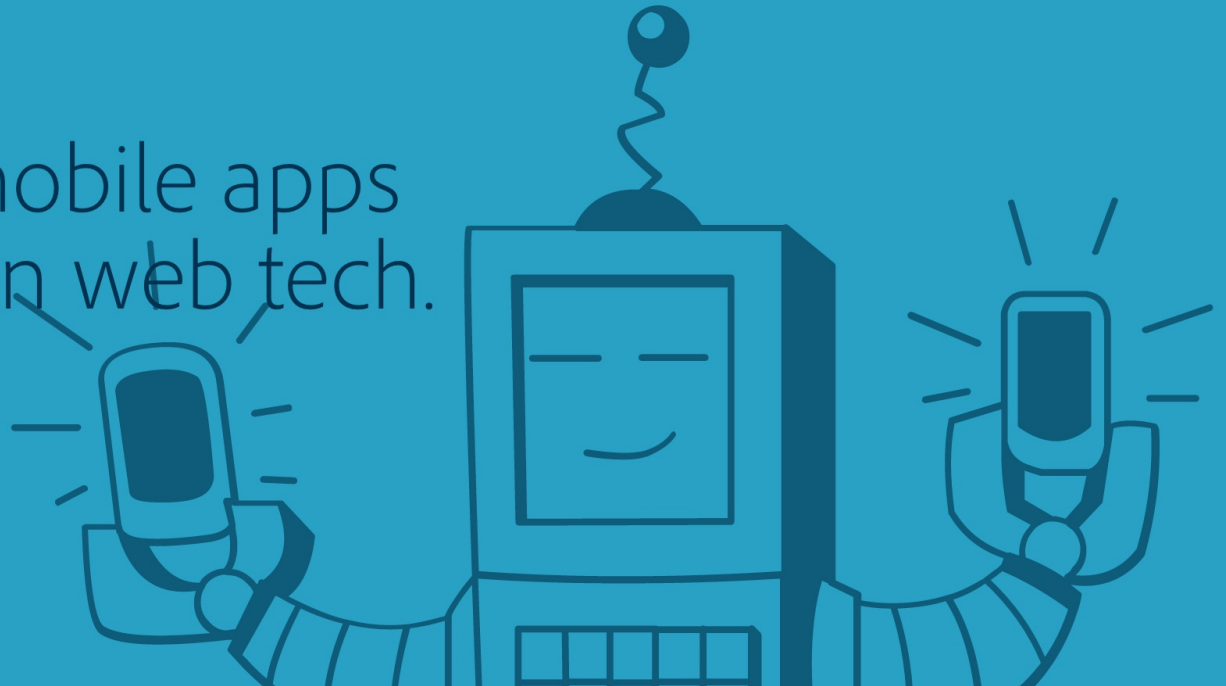


Products Get Started Docs App Showcase Blog

Build amazing mobile apps
powered by open web tech.

START NOW

LEARN MORE



<https://phonegap.com/>

Ionic: Framework for Developing Native and Progressive Web Apps

Building apps at a large company? Check out **Ionic Enterprise** →



Framework

Products

Developers

Businesses

Support

Ecosystem

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Log in

Sign up

The top open source framework for building amazing mobile apps.

Ionic is the beautiful, free and open source mobile SDK for developing native and progressive web apps with ease.

Get started

Explore the docs

v3.7.1 / 2017-09-29 / MIT Licensed / Release Notes



Ionic View App

<https://ionicframework.com/>

Sencha Touch



Sencha Touch

The leading cross-platform mobile web application framework based on HTML5 and JavaScript for creating universal mobile apps.



OVERVIEW

RESOURCES

Create native-looking HTML5 apps using JavaScript

Sencha Touch is the leading MVC-based JavaScript framework for building cross-platform mobile web applications. Sencha Touch leverages hardware acceleration techniques to provide high-performance UI components for mobile devices.

With over 50 built-in UI components and native looking themes for all major mobile platforms, Sencha Touch provides everything you need to create impressive apps that work on iOS, Android, BlackBerry, Windows Phone, and more. A novel and adaptive layout engine, fluid animations, and smooth scrolling features allow developers to build applications that respond to user actions nearly instantaneously, much like native

DOWNLOAD FOR FREE

GETTING STARTED

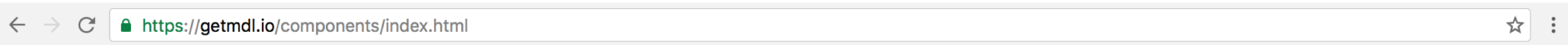
[Quick Start Guide](#)
[Sign up for Training](#)

CUSTOMER QUOTES

“Sencha Touch gave us the freedom to design whatever mobile interfaces we needed

<https://www.sencha.com/products/touch>

Material Design Lite (MDL)



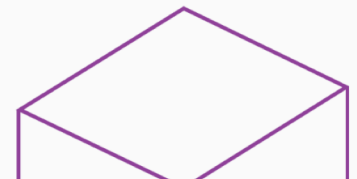
- ABOUT
- GETTING STARTED
- TEMPLATES
- COMPONENTS**
- STYLES
- CUSTOMIZE
- SHOWCASE
- FAQ

- GitHub
- Download

- Badges
- Buttons
- Cards
- Chips
- Dialogs
- Layout
- Lists
- Loading
- Menus

COMPONENTS

Material Design Lite (MDL) is a library of components for web developers based on Google's Material Design Philosophy: "A visual language for our users that synthesizes the classic principles of good design with the innovation and possibility of technology and science." Understanding the goals and principles of Material Design is critical to the proper use of the Material Design Lite components. If you have not yet read the [Material Design Introduction](#) you should do so before attempting to use the components.



MUI

- MUI
- Getting Started
- Example Layouts
- CSS/JS
- React
- Angular
- HTML Email
- WebComponents
- Design Files

☰

🔄 🐦 ✉ ⋮



MUI is a lightweight CSS framework that follows Google's Material Design guidelines

[DOWNLOAD v0.9.1](#) [VIEW ON GITHUB](#)

[New - Angular Support!](#)

Quickstart

You can copy-paste this boilerplate HTML to get started using MUI:

```
<!doctype html>
<html>
  <head>
    <meta charset="utf-8">
    <meta http-equiv="X-UA-Compatible" content="IE=edge">
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <!-- load MUI -->
    <link href="//cdn.muicss.com/mui-0.9.1/css/mui.min.css" rel="stylesheet" type="text/css" />
```

<https://www.muicss.com/>

Materialize



About

Getting Started

CSS

Components

JavaScript

Mobile

Showcase

Themes

new

Version 1.0 is coming soon! See this [GitHub post](#) for more information.

Materialize

A modern responsive front-end framework
based on Material Design

GET STARTED

beta release v0.100.2

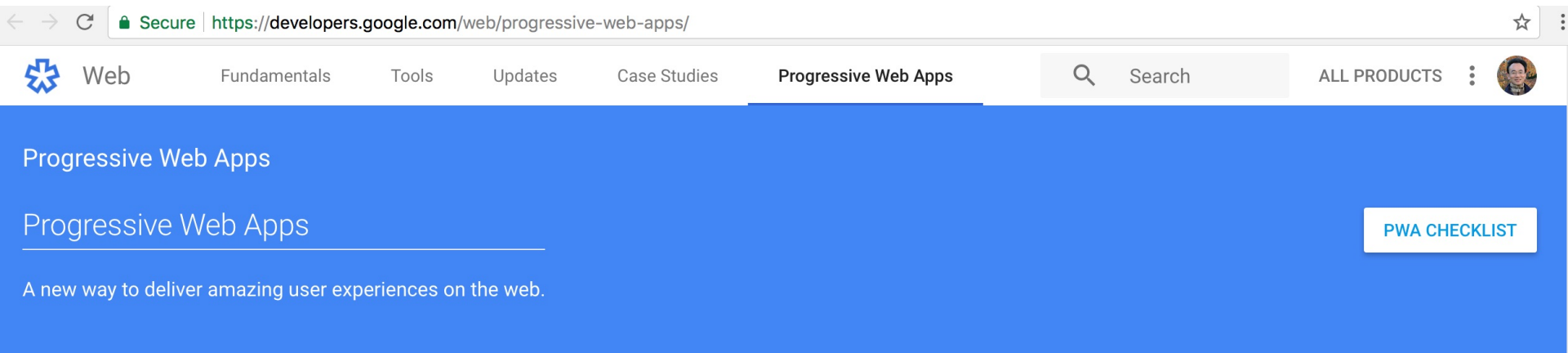


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Vectors, Graphics & Photos.

ads via Carbon

<http://materializecss.com/>

Progressive Web App (PWA)

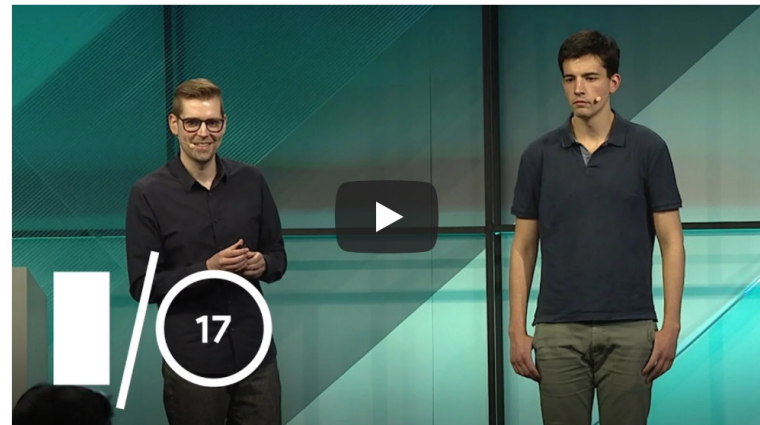


Missed the action at this year's **Chrome Dev Summit**? Catch up with our playlist on YouTube. [Watch now.](#)

Progressive Web Apps are user experiences that have the reach of the web, and are:

- **Reliable** - Load instantly and never show the downasaur, even in uncertain network conditions.
- **Fast** - Respond quickly to user interactions with silky smooth animations and no janky scrolling.
- **Engaging** - Feel like a natural app on the device, with an immersive user experience.

This new level of quality allows Progressive Web Apps to earn a place on the user's home screen.



jQuery Mobile

jquerymobile.com

Plugins Contribute Events Support jQuery Foundation



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A Touch-Optimized Web Framework

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Download jQuery Mobile

Custom download

Latest stable

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jQuery 1.8 - 1.11 / 2.1

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[Browser Support](#)



Developer Links

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- [jQuery Mobile Git \(WIP Build\)](#)
 - [JavaScript](#)
 - [CSS](#)
- [Report an issue](#)
- [Browser Support](#)
- [Chanaeloas](#)

<http://jquerymobile.com/>

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

Plugins

Contribute

Events

Support

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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

Chrome, Edge, Firefox, IE, Safari, Android, iOS, and more



Download jQuery
v3.1.1

[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

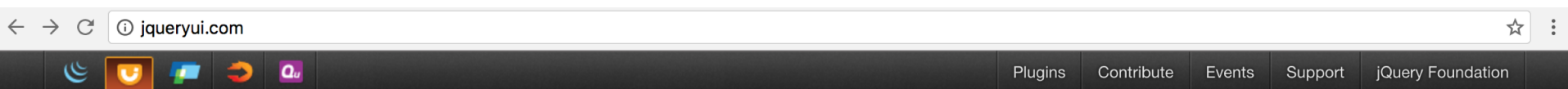
- [jQuery Core API Documentation](#)
- [jQuery Learning Center](#)
- [jQuery Blog](#)
- [Contribute to jQuery](#)
- [About the jQuery Foundation](#)
- [Browse or Submit jQuery Bugs](#)

<http://jquery.com/>

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



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Interactions

- Draggable
- Droppable
- Resizable
- Selectable
- Sortable

Widgets

- Accordion
- Autocomplete
- Button
- Checkboxradio
- Controlgroup
- Datapicker

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 1.12.1

Custom Download

Quick Downloads:

Stable
v1.12.1
jQuery 1.7+

Legacy
v1.11.4
jQuery 1.6+

What's New in jQuery UI 1.12?

New theme: New theme: Our long-time default grayscale theme Smoothness has been succeeded by a modern theme with some colors, less gradients and some other improvements.

New widgets: jQuery UI 1.12 includes widgets: [Controlgroup](#) replaces buttonset and adds support for selectmenu and the new [checkboxradio](#) widget. We've added support for using jQuery UI with [AMD](#) and [Bower](#). We also have over 50 bug fixes.

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](#)

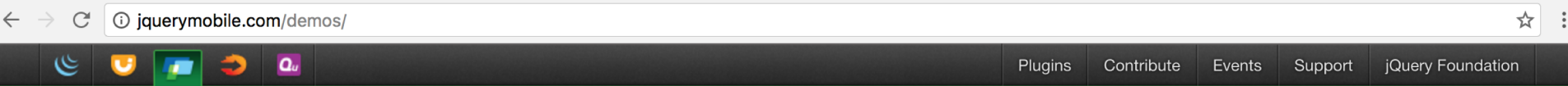
<http://jqueryui.com/>

jQuery Mobile

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



jQuery Mobile Demos



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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

← → ↻ demos.jquerymobile.com/1.4.5/ ☆



VERSION 1.4.5



Home

Introduction

Buttons

Button widget

Checkboxradio widget

Collapsible (set) widget

Controlgroup widget

Datepicker

Events

Filterable widget

Flipswitch 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

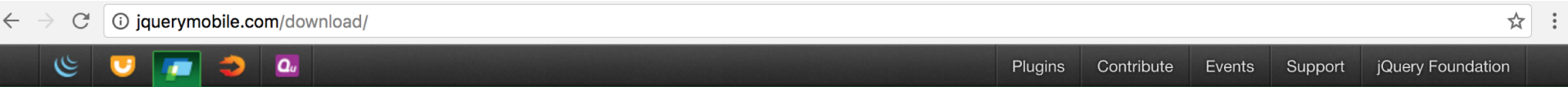
Widgets

- 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



Your donations help fund the continued development and growth of jQuery.

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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



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>
```

viewport

```
<meta name="viewport"  
content="width=device-width,  
initial-scale=1">
```

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 at <http://jsbin.com/fozugopuxi/edit?html,output>. The editor interface includes a menu bar with 'File', 'Add library', and 'Share'. Below the menu are tabs for 'HTML', 'CSS', 'JavaScript', 'Console', and 'Output'. The 'HTML' tab is active, displaying 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 2017</h4>
    </div>
  </div>
</body>
</html>/body>
</html>
```

The 'Output' tab is also active, showing the rendered page with the following content:

Hello jQuery Mobile

Simple jQuery Mobile App

Footer 2017

Bin info just now

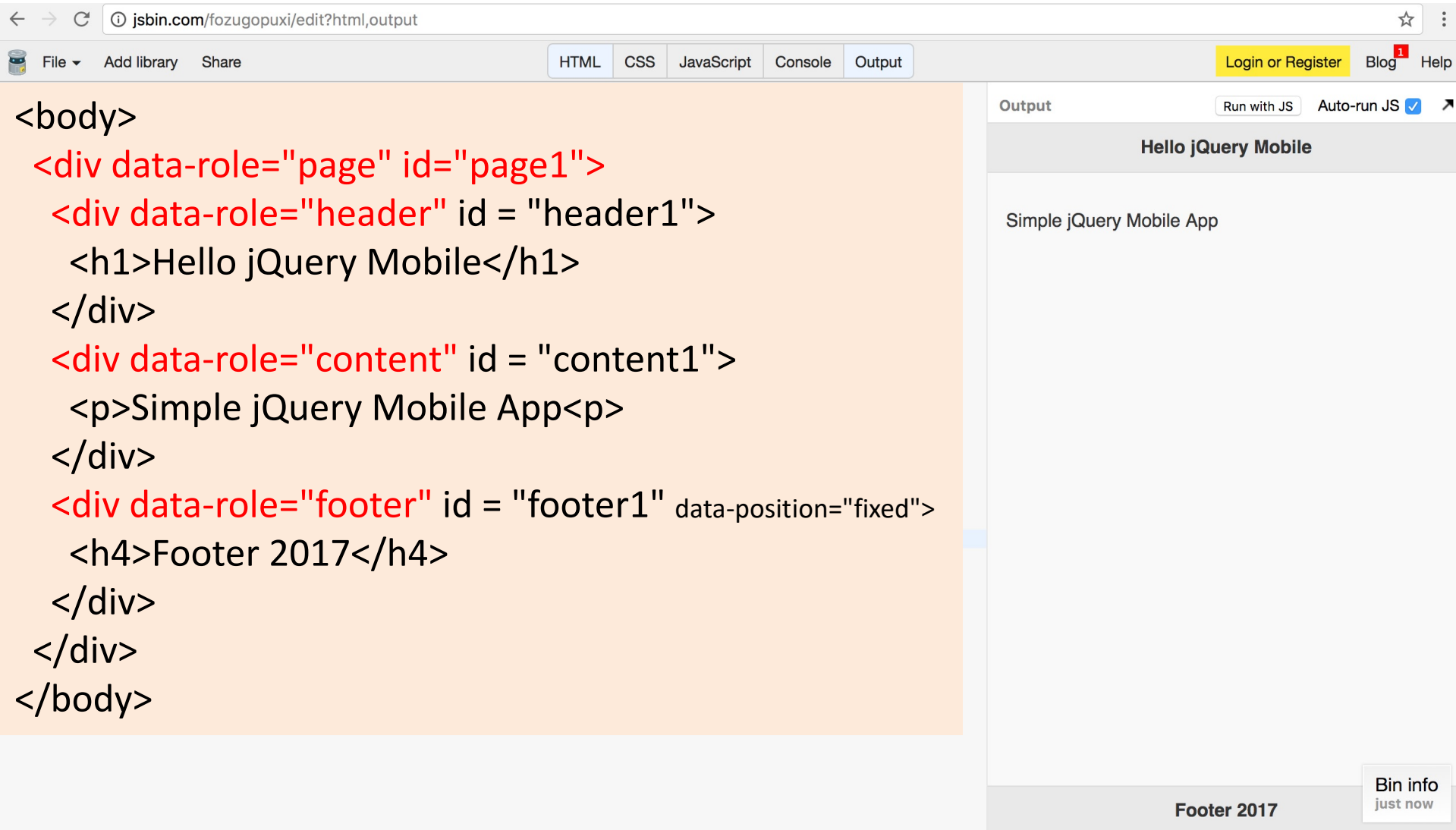
jQuery Mobile Page

The image shows a screenshot of a web browser displaying a jsbin.com editor. The editor is open to a file named 'html,output' at the URL 'http://jsbin.com/fozugopuxi/edit?html,output'. The editor 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 2017</h4>
    </div>
  </div>
</body>
</html>/body>
</html>
```

The 'Output' tab is also visible, showing the rendered page. The page has a header with the text 'Hello jQuery Mobile' and a main content area with the text 'Simple jQuery Mobile App'. At the bottom of the page, there is a footer with the text 'Footer 2017'. The browser interface also shows a 'Login or Register' button and a 'Blog' link with a notification badge.

jQuery Mobile Page

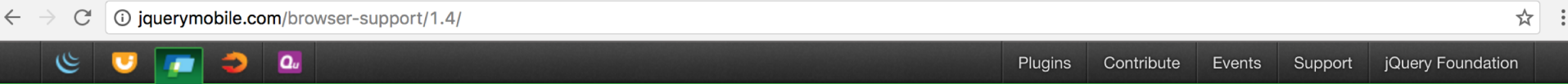


The screenshot shows a web browser window with the URL `jsbin.com/fozugopuxi/edit?html,output`. The editor interface includes tabs for HTML, CSS, JavaScript, Console, and Output. The HTML code is as follows:

```
<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 2017</h4>
  </div>
</div>
</body>
```

The rendered output on the right shows a mobile app interface with a header "Hello jQuery Mobile", a main content area "Simple jQuery Mobile App", and a fixed footer "Footer 2017". A notification "Bin info just now" is visible in the bottom right corner.

jQuery Mobile: Mobile Graded Browser Support



Your donations help fund the continued development and growth of jQuery.

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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 »](#)

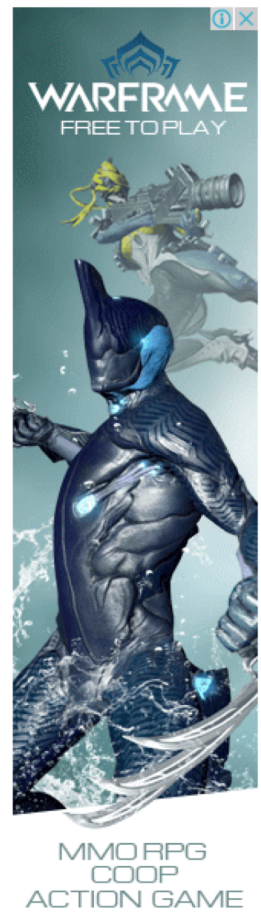


jQuery Mobile is a framework for creating mobile web applications.
jQuery Mobile works on all popular smartphones and tablets.
jQuery Mobile uses HTML5 & CSS3 for laying out pages with minimal scripting.

jQuery Mobile Demo

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

Try jQuery Mobile by clicking the buttons above!



codiqa: drag-and-drop builder for mobile apps

The screenshot shows a web browser window with the URL `jquerymobile.com`. The page content includes a heading "Easy to use: Try it now!" followed by a paragraph: "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." Below this are two links: "Demos & documentation" and "Resources: Books, plugins, tutorials".

The main focus is the Codiqa builder interface, which features a top navigation bar with "BUILD" and "TEST" buttons, and a "Download HTML" button. Below this is a category menu with "All", "Toolbars", "Buttons", "Content", "List Views", and "Form Elements". A toolbar contains icons for "Page Header", "Page Footer", "Nav Bar", "Button", "Link", "Image", and "Map".


The central workspace shows a mobile device mockup with a "Header" and a "Button". A detailed "IMAGE" configuration panel is open on the right, showing the following settings:

- Image URL: `http://mail.tku.edu.tw/myde`
- 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 Developer x

← → ↻ <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



readwrite



appstorm

THE WALL STREET JOURNAL

Forbes

help

<https://codiqa.com/>

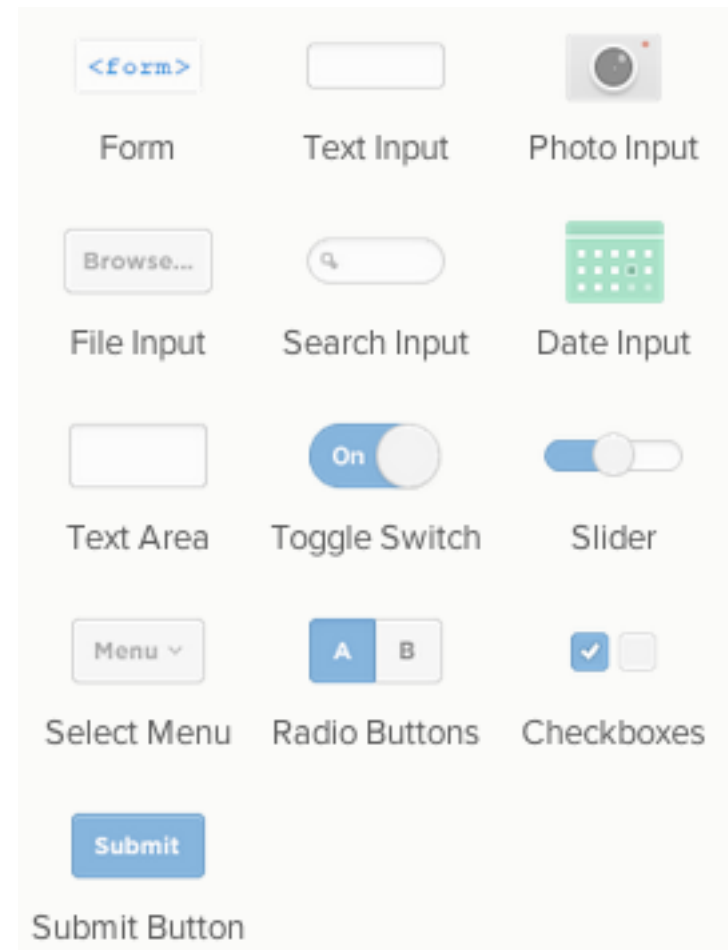
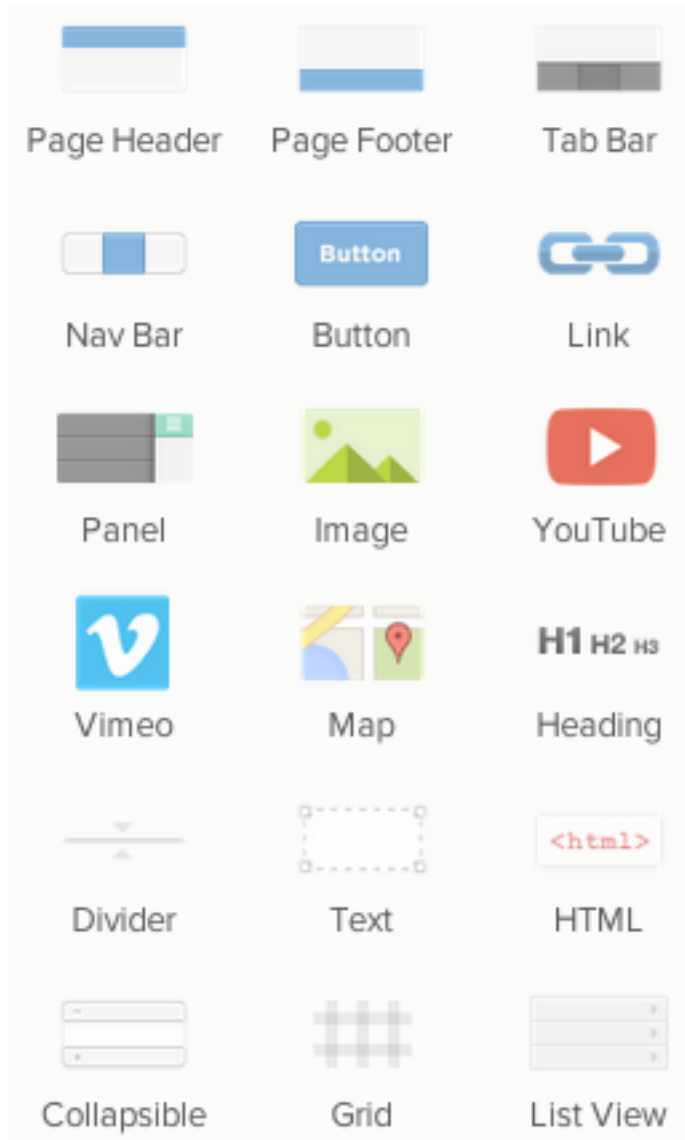
codiqa demo

The screenshot displays the Codiqa web design tool interface. At the top, the browser address bar shows <https://codiqa.com/demo>. The interface is divided into several sections:

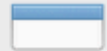
- Top Bar:** Includes a "DEMO MODE" indicator, navigation icons, and a "BUILD" toggle switch. A "Sign up" button is located in the top right corner.
- Pages Panel (Left):** Lists "Home" as the selected page, along with "Examples" and "Platforms".
- Components Panel (Left):** A grid of UI components including Page Header, Page Footer, Tab Bar, Nav Bar, Button, Link, Panel, Image, YouTube, Vimeo, Map, Heading, Divider, Text, and HTML.
- Central Canvas:** A mobile device mockup showing a "Codiqa" app. The app screen contains:
 - Header: "Codiqa" text and logo.
 - Content: "Welcome to Codiqa!", "Try dragging some elements from the left over here.", "You can also add pages, and link buttons to them, like below!", and "This is just a simple demo, upgrade to the full version to get a lot more!".
 - Bottom Bar: "Home", "Components", and "Platforms" buttons.
- Page Settings Panel (Right):** A "Page ?" settings panel with fields for Class, Title (set to "Home"), Theme Swatch (set to "Swatch C"), Background Image (set to "Choose image..."), Background Image Repeat (set to "No repeat"), Content Padding (set to "15 px"), and Id (set to "page1"). A "Save" button is present.

<https://codiqa.com/demo>

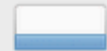
Codiqa Components



All Toolbars Buttons Content List Views Form Elements



Page Header



Page Footer



Nav Bar



Button



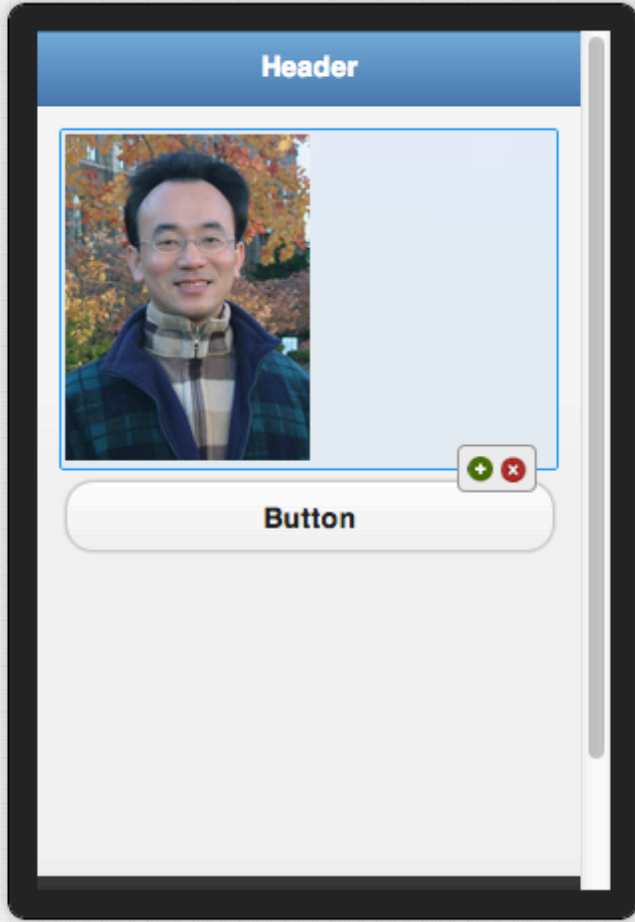
Link



Image



Map



IMAGE

Image URL

Link to

Width px %

Height px %

Align

Display

Open in New Window

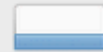
Id

Class

All Toolbars Buttons Content List Views Form Elements



Page Header



Page Footer



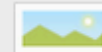
Nav Bar



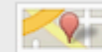
Button



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>

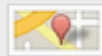
```

Indent: 4 spaces tabs

All Toolbars Buttons Content List Views Form Elements



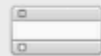
Image



Map

H1 H2 H3

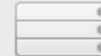
Heading



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

```
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>
```

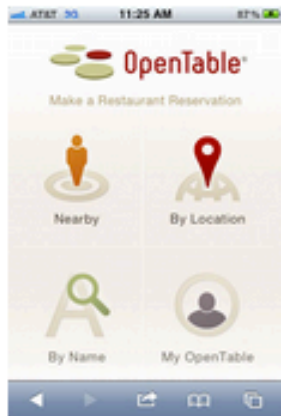
Tamkang U.

Button

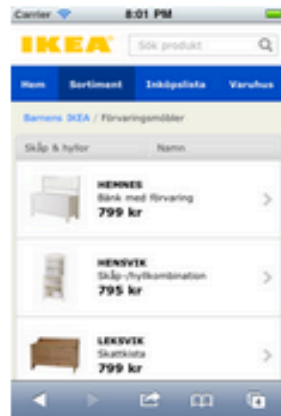
Footer

```
<!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>
```

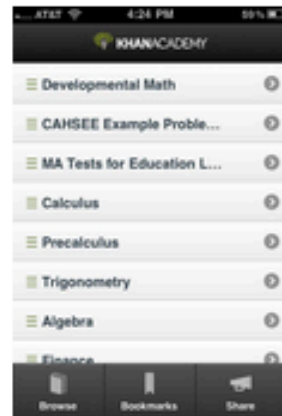
Get inspired: Built with jQuery Mobile



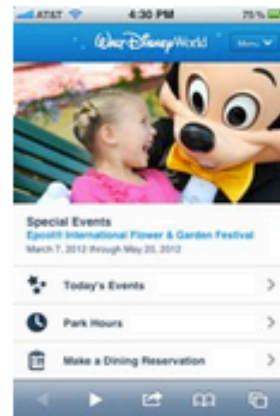
OpenTable



Ikea Sweden



Khan Academy



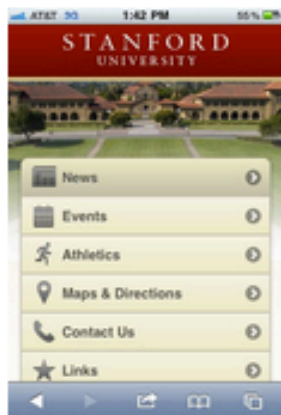
Disney World



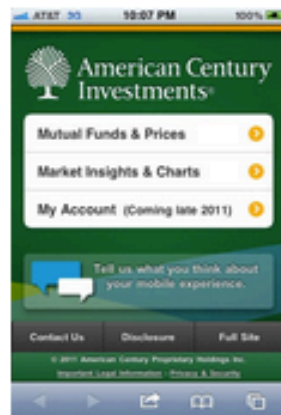
Slideshare



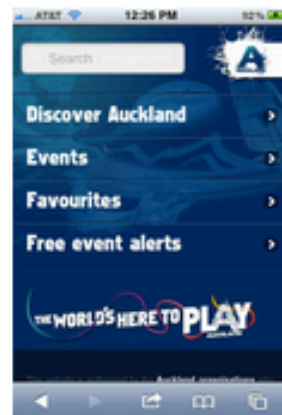
Box.net



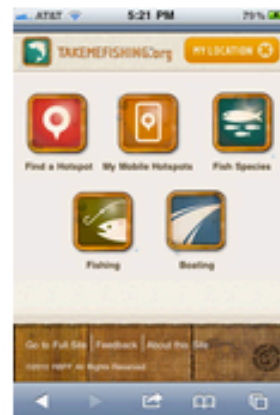
Stanford



American Century



Rugby World Cup



Take Me Fishing



Ryland Homes



Moulin Rouge

Stanford



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- Contact & Directory
- Links
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Stanford group explores competing interests of wildlife and people on the Galapagos Islands.

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

HOSPITALS

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

LIBRARIES

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

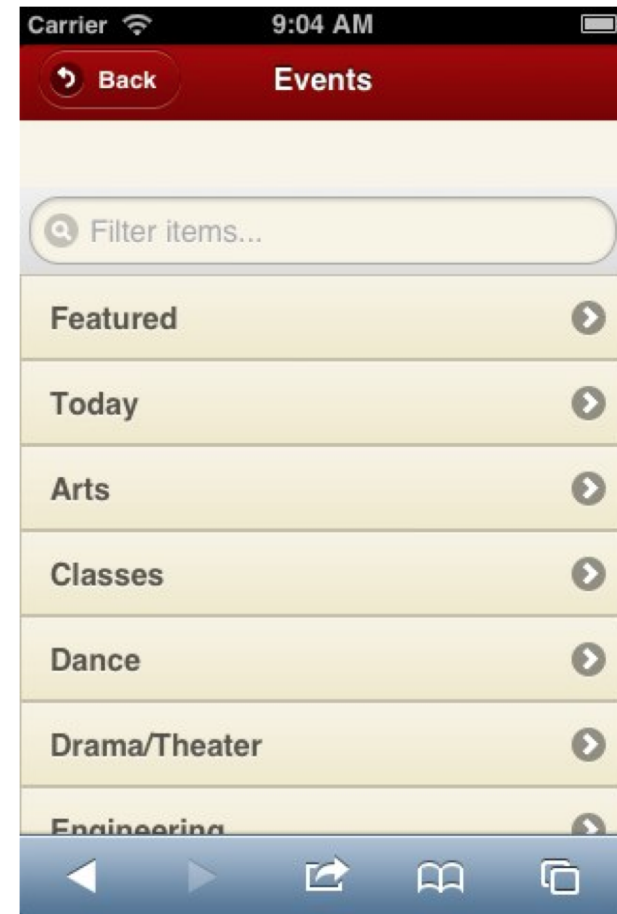
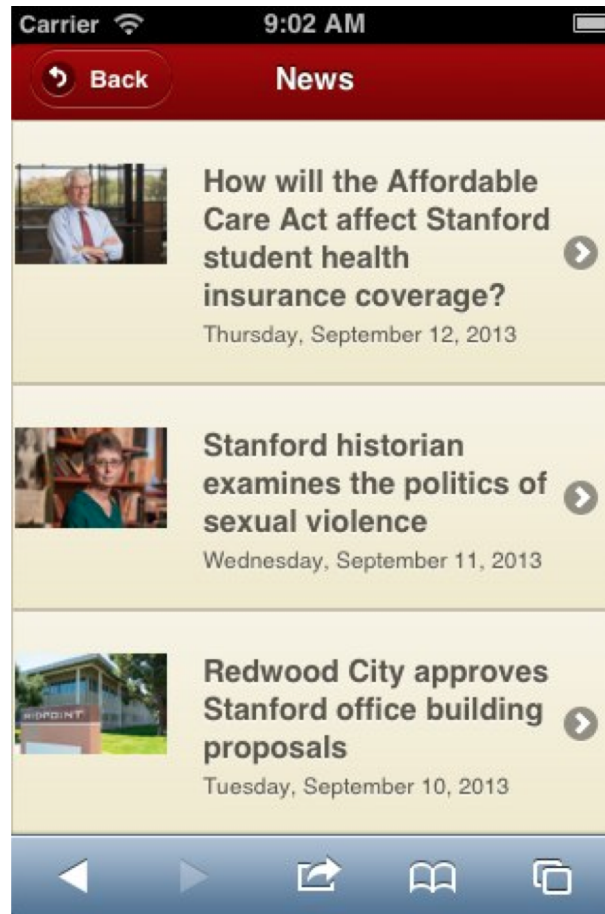
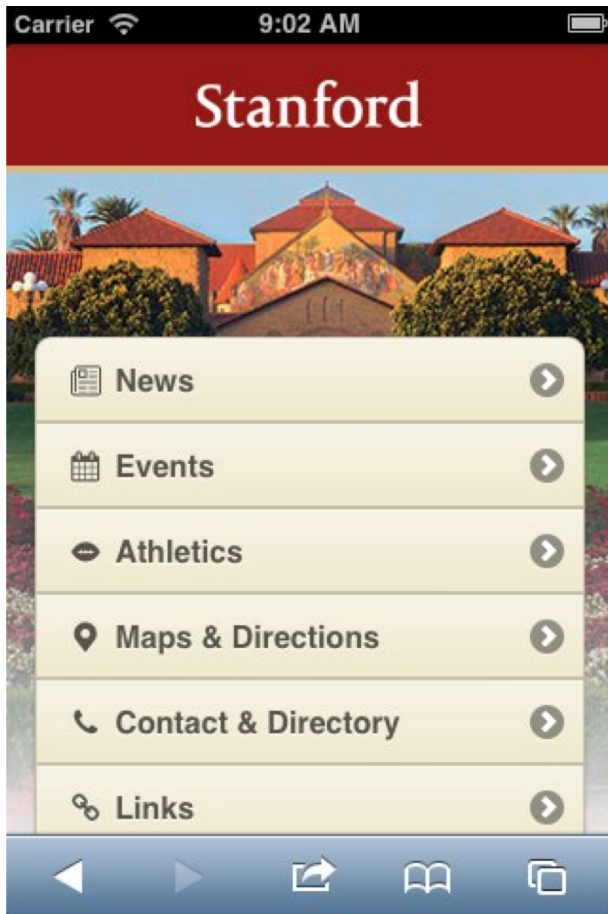
Stanford research probes Aboriginal use of small fires to improve foraging.

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- » 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

Mobile website for Stanford University

<http://m.stanford.edu>



data-role="page"

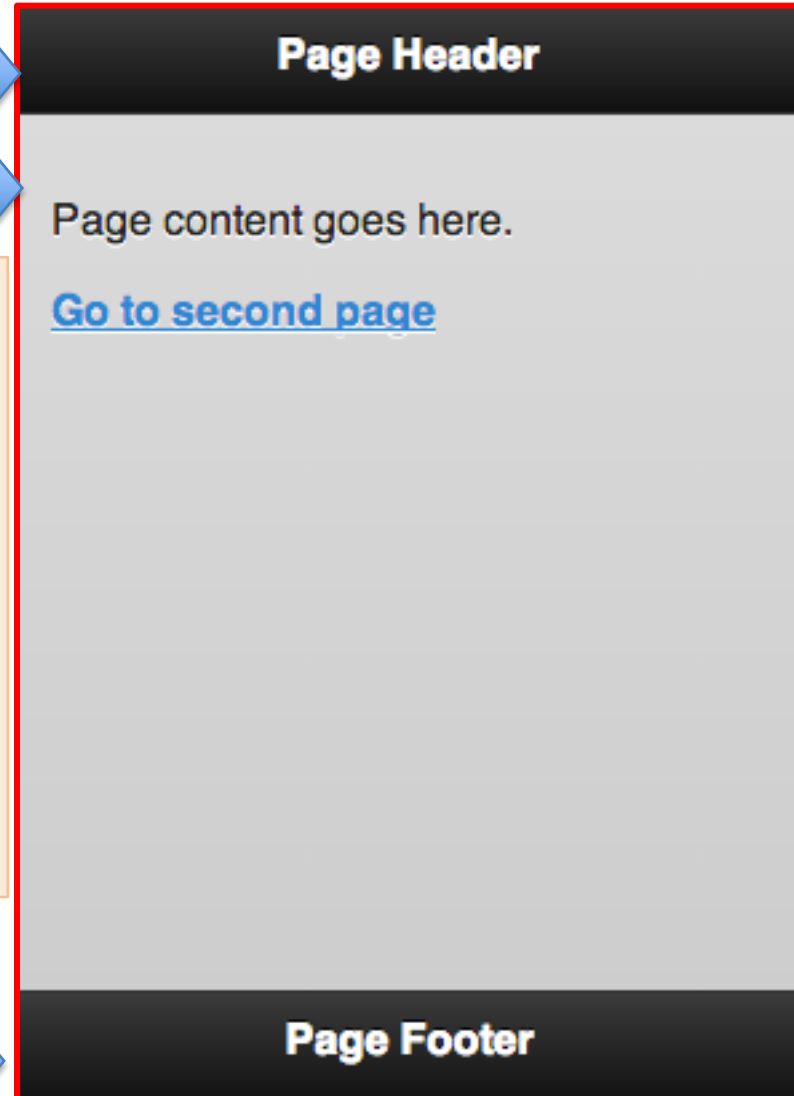
```
<div data-role="page" id="first" data-theme="b">
```

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

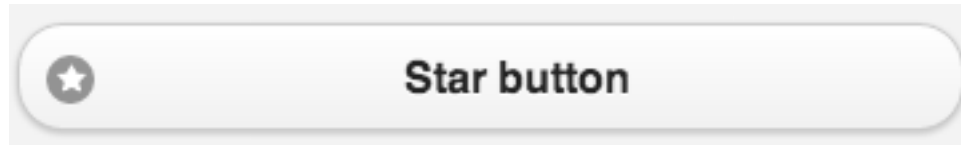
```
<div data-role="content">
```

```
<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">
```

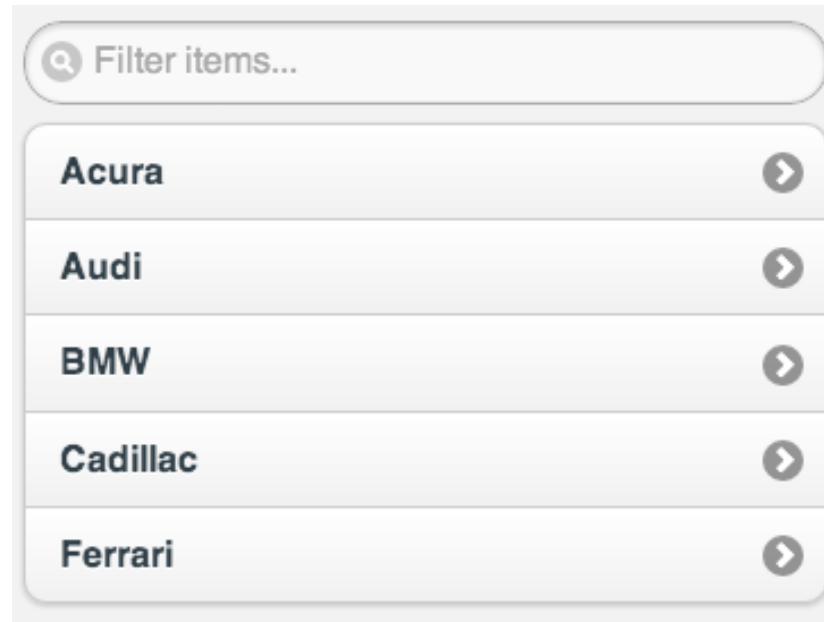


data-role="button"



```
<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

List Example



Basic List

- Link 1 >
- Link 2 >

List with Counts

- Link 1 11 >
- Link 2 22 >

List with Thumbnails

-  **Staufs**
Staufs Coffee >
-  **Vino Vino**
Vino Vino Restaurant >

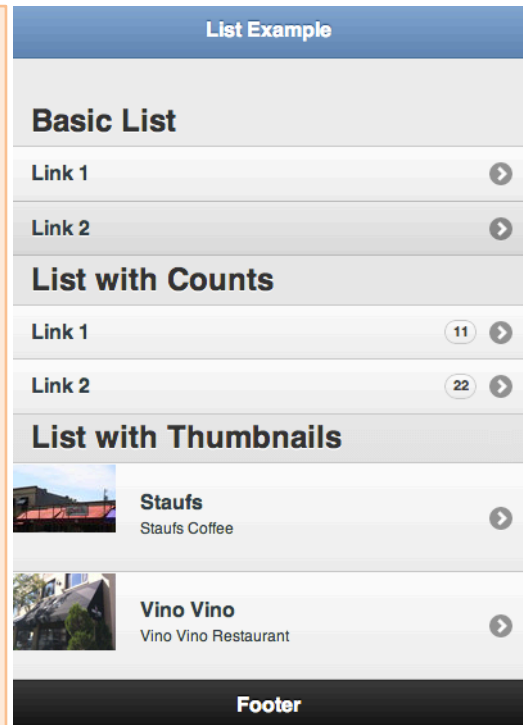
Footer

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">Stauufs</h3>
        <p class="ui-li-desc">Stauufs 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

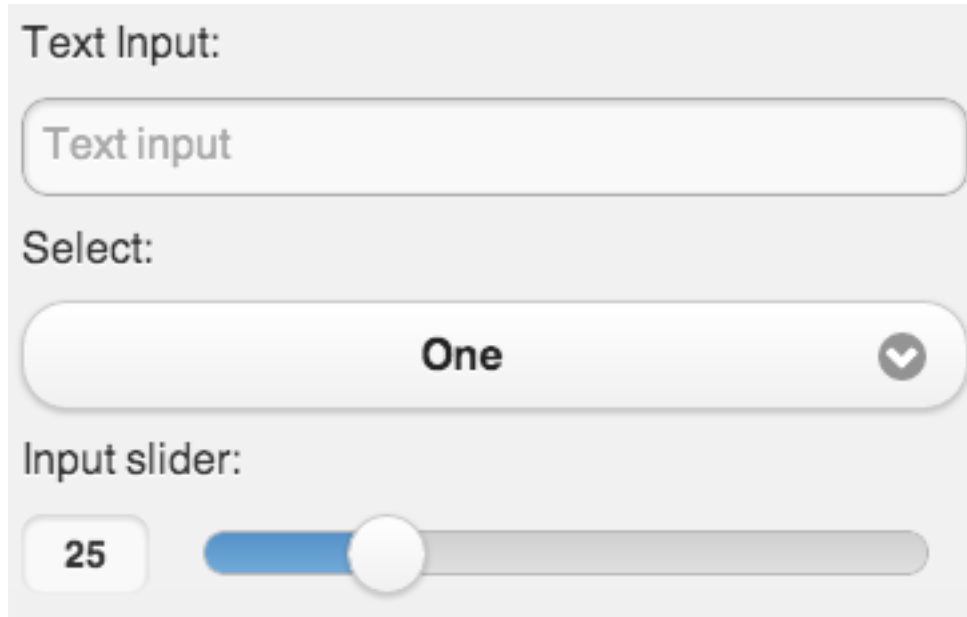
Text Input:

Select:

One

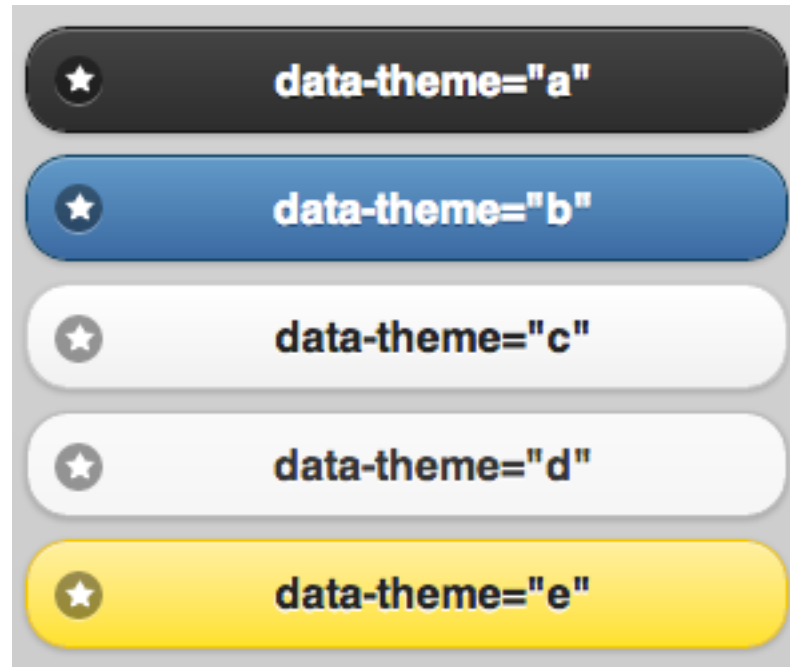
Input slider:

25



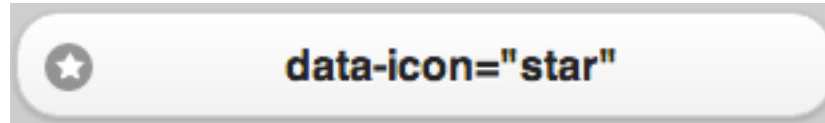
```
<form>
  <label for="textinput-s">Text Input:</label>
  <input type="text" name="textinput-s" id="textinput-s" placeholder="Text input"
value="" data-clear-btn="true">
  <label for="select-native-s">Select:</label>
  <select name="select-native-s" id="select-native-s">
    <option value="small">One</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



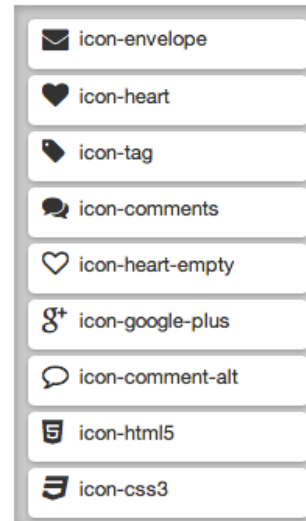
jQuery Mobile Icon Pack

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)



Having trouble building your custom icon set?

[Let me know about it.](#)



ThemeRoller for jQuery Mobile

The screenshot shows the ThemeRoller for jQuery Mobile web application. The browser address bar displays `themeroller.jquerymobile.com`. The interface includes a top navigation bar with buttons for 'undo', 'redo', 'Inspector off', 'Download theme zip file', 'Import or upgrade', 'Share theme link', and 'Help center'. Below this is a 'Global' settings bar with tabs for 'A', 'B', and 'C'. The left sidebar contains 'Theme Settings' with expandable sections for 'Font Family', 'Corner Radii', 'Icon', and 'Box Shadow'. The main content area features a color selection tool with a color palette, 'LIGHTNESS' and 'SATURATION' sliders, and 'Adobe Kuler swatches'. Below the color tool is a 'Recent Colors' grid and the 'jQuery mobile' logo. The central preview area shows three mobile device mockups labeled 'A', 'B', and 'C'. Each mockup displays a list of UI elements: 'Body' with sample text and a link, 'List Header', 'Read-only list item', 'Linked list item', 'Radio', 'Checkbox', and 'On/Off' toggle buttons. A checkbox labeled 'Show alternative icons in preview' is visible above the mockups, with a link to 'icon demos'.

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

ThemeRoller for jQuery Mobile

ThemeRoller | jQuery Mobile

jquerymobile.com/themeroller/

jQuery Mobile Version 1.3.2

undo redo Inspector off

Download theme zip file

Import or upgrade

Share theme link

Help center

Global A B C +

Swatch B Delete Duplicate

Header/Footer Bar

Content Body

LINK COLOR #2489ce

TEXT COLOR #000000

TEXT SHADOW 0 1px 0 #eeeeee

BACKGROUND #33cccc

BORDER #1c7070

Button: Normal

Button: Hover

Button: Pressed

Drag a color onto an element below or pick from the Adobe Kuler swatches

Recent Colors

LIGHTNESS SATURATION

A B C

Sample text and [links](#).

List Header

Read-only list item

Linked list item

Radio

Checkbox

On Off

Option 1

Text Input

50

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

<http://grandviewave.com>

Carrier

7:18 AM

grandviewave.com



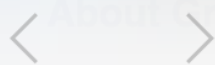
Home

Near Me

Sales

Parking

Tours



Carrier

7:21 AM

grandviewave.com



Business Directory



About Grandview Ave.



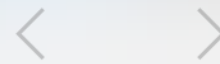
Home

Near Me

Sales

Parking

Tours



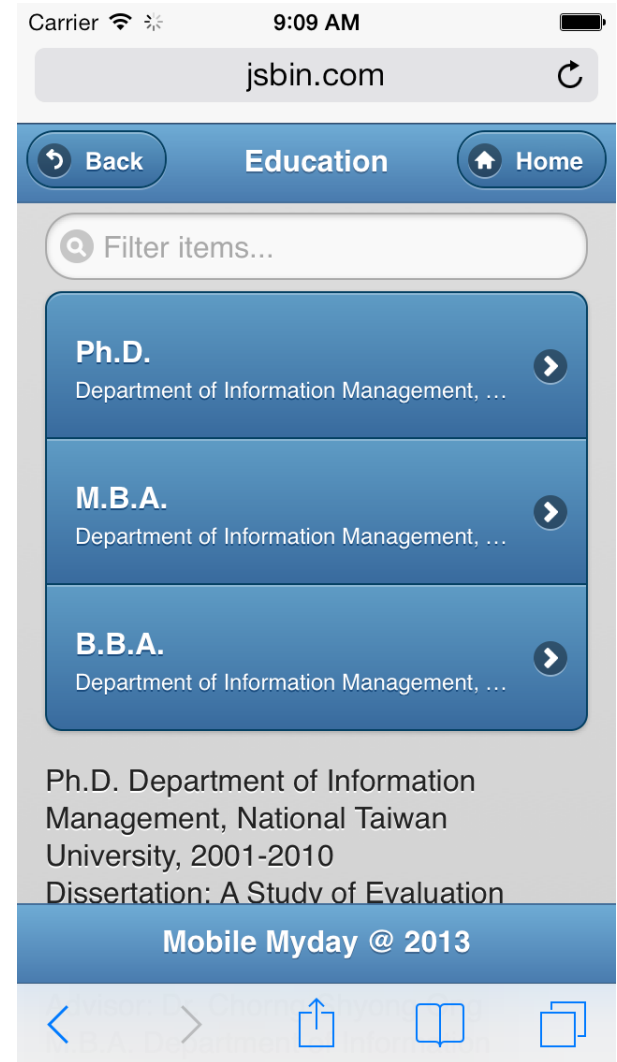
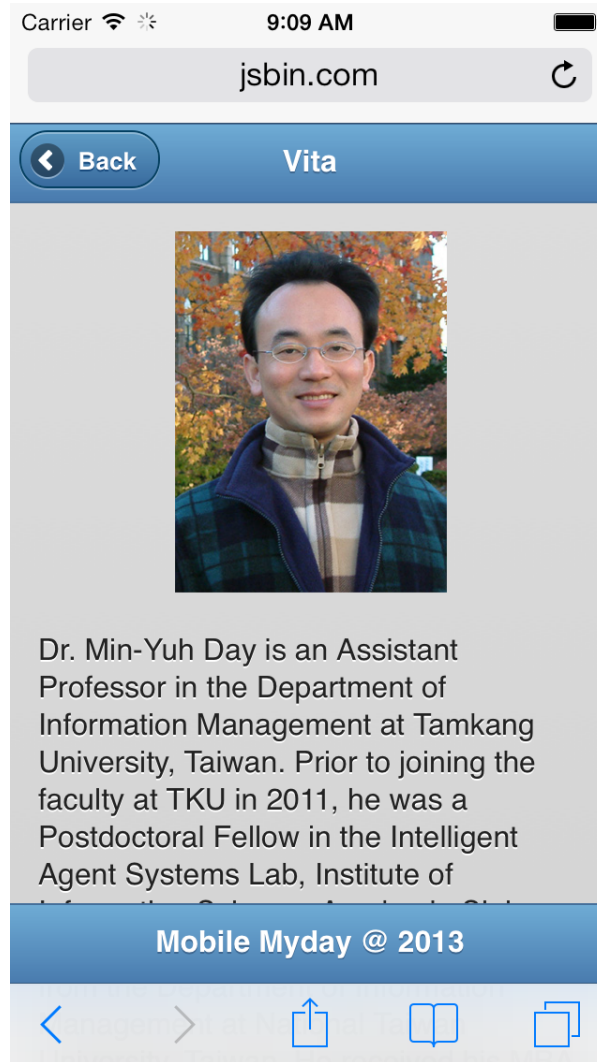
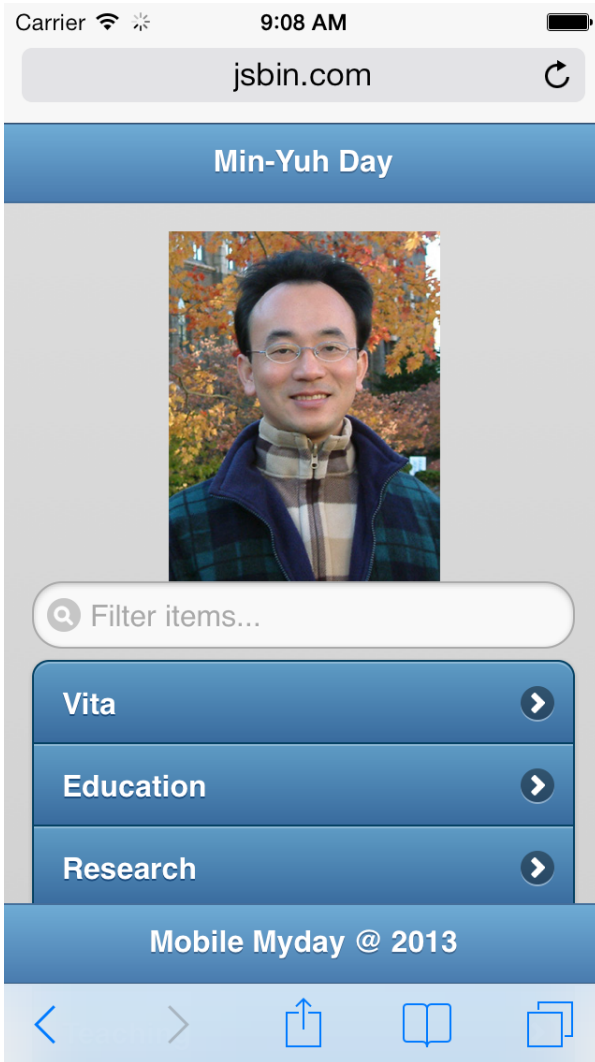
Demo

Building Mobile Apps with jQuery Mobile

<http://jsbin.com>

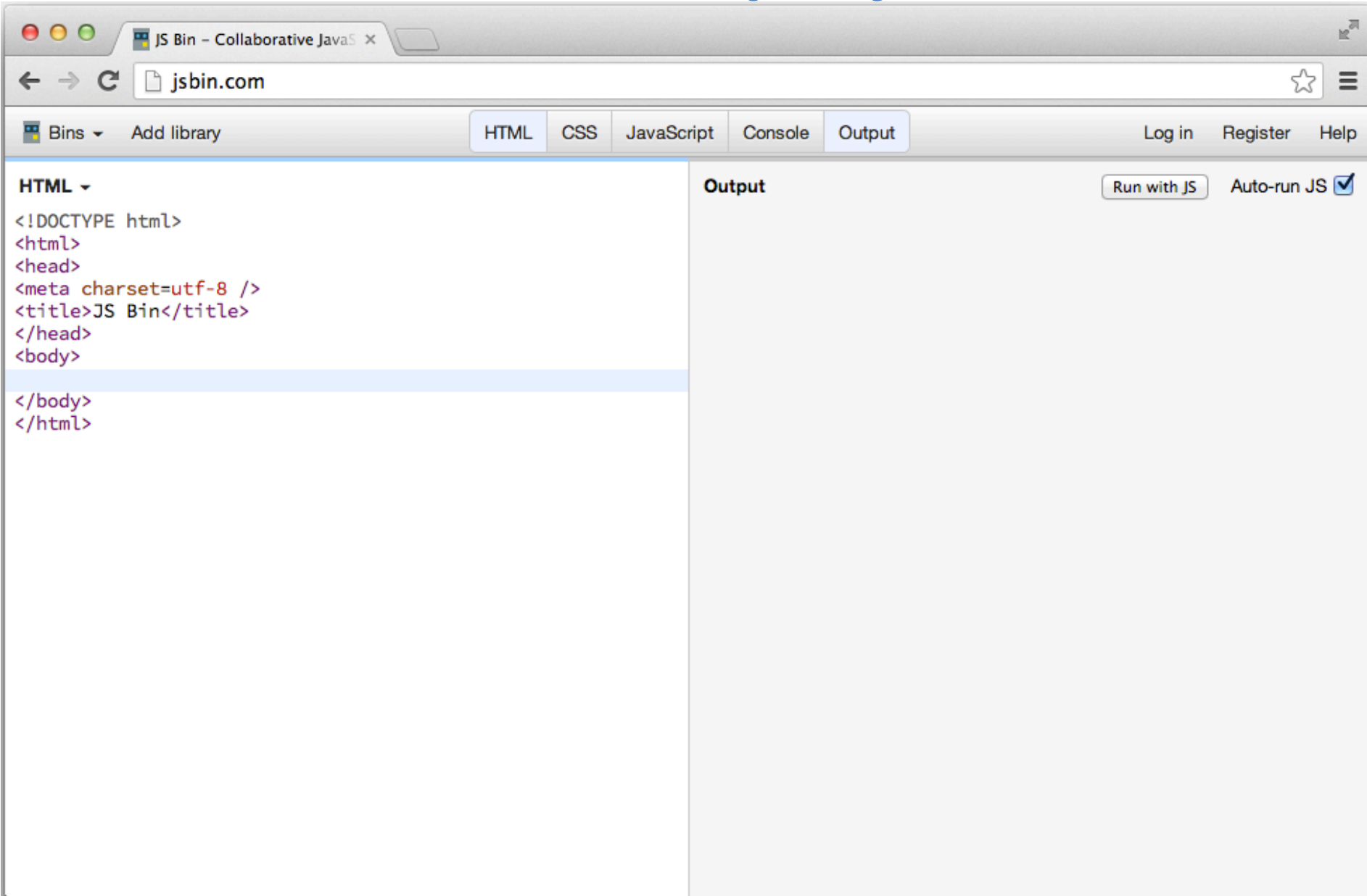


Mobile Myday



<http://jsbin.com/lwOMezo>

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



The screenshot shows the JS Bin online editor interface. The browser window title is "JS Bin - Collaborative JavaScript". The address bar shows "jsbin.com". The interface has a top navigation bar with tabs for "HTML", "CSS", "JavaScript", "Console", and "Output". The "HTML" tab is selected. Below the navigation bar, there are buttons for "Bins", "Add library", "Log in", "Register", and "Help". The main editor area is split into two panes: "HTML" on the left and "Output" on the right. The "HTML" pane contains the following code:

```
<!DOCTYPE html>
<html>
<head>
<meta charset=utf-8 />
<title>JS Bin</title>
</head>
<body>

</body>
</html>
```

The "Output" pane is currently empty. In the top right corner of the "Output" pane, there are buttons for "Run with JS" and "Auto-run JS" (which is checked).

<http://jsbin.com/>

Min-Yuh Day Mobile App - x

jsbin.com/lwOMezo/1/edit

Bins Add library Share HTML CSS JavaScript Console Output

Log in Register Help

HTML

```

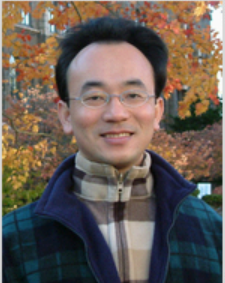
<!DOCTYPE html>
<html>
  <head>
    <title>Min-Yuh Day Mobile App</title>
    <meta charset=utf-8 />
    <meta name="viewport" content="width=device-width, initial-scale=1" />
    <script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
    <link type="text/css" href="http://code.jquery.com/mobile/latest/jquery.mobile.min.css" 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">
          <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 MyHome-->
  </body>
</html>
<div data-role="page" id="Vita" data-add-back-btn="true" data-theme="b">
  <div data-role="header" data-theme="b">
    <h2>Min-Yuh Day</h2>
    <img alt="Portrait of Min-Yuh Day" data-bbox="804 292 921 488" />
    <input type="text" value="Filter items..." />
    <ul style="list-style-type: none; padding: 0; margin: 0;">
      <li style="background-color: #4f81bd; color: white; padding: 5px; margin-bottom: 5px; text-align: right; border-radius: 5px 5px 0 0;">Vita >>>
      <li style="background-color: #4f81bd; color: white; padding: 5px; margin-bottom: 5px; text-align: right; border-radius: 5px 5px 0 0;">Education >>>
      <li style="background-color: #4f81bd; color: white; padding: 5px; margin-bottom: 5px; text-align: right; border-radius: 5px 5px 0 0;">Research >>>
      <li style="background-color: #4f81bd; color: white; padding: 5px; margin-bottom: 5px; text-align: right; border-radius: 5px 5px 0 0;">Publications >>>
      <li style="background-color: #4f81bd; color: white; padding: 5px; margin-bottom: 5px; text-align: right; border-radius: 5px 5px 0 0;">Teaching >>>
      <li style="background-color: #4f81bd; color: white; padding: 5px; margin-bottom: 5px; text-align: right; border-radius: 5px 5px 0 0;">Professional Activities >>>

    <div style="background-color: #4f81bd; color: white; padding: 10px; margin-top: 10px; text-align: center; border-radius: 5px 5px 0 0;">
      <span style="font-size: 24px; font-weight: bold; margin-right: 10px;">★ Classic Web
    </div>
  </div>
  <div data-role="content">
    <div style="background-color: #4f81bd; color: white; padding: 10px; text-align: center; border-radius: 0 0 5px 5px;">
      Mobile Myday @ 2013
    </div>
  </div>
</div>

```

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

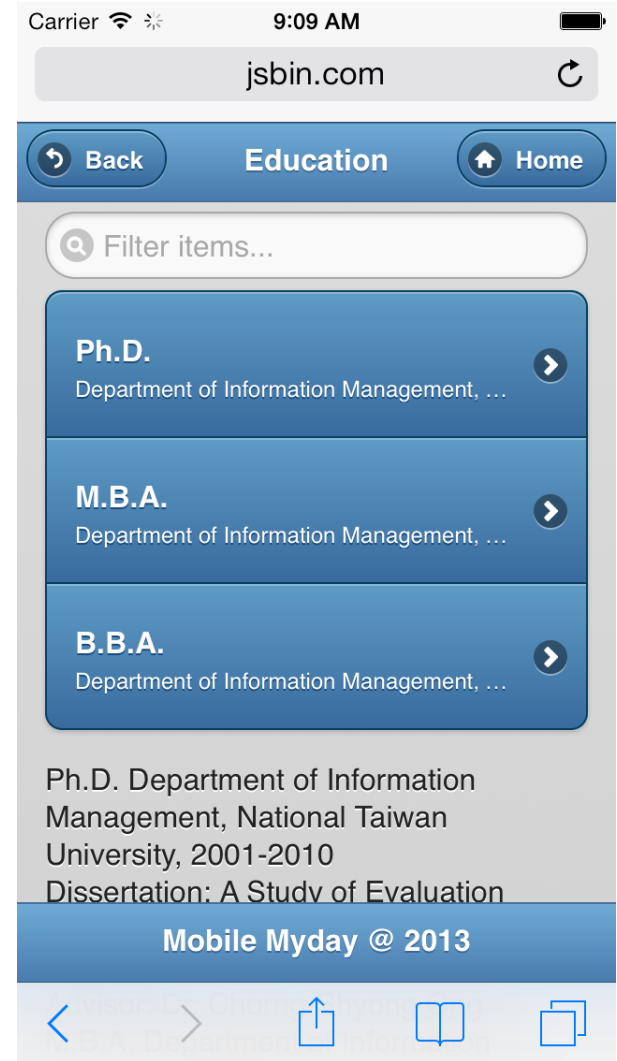
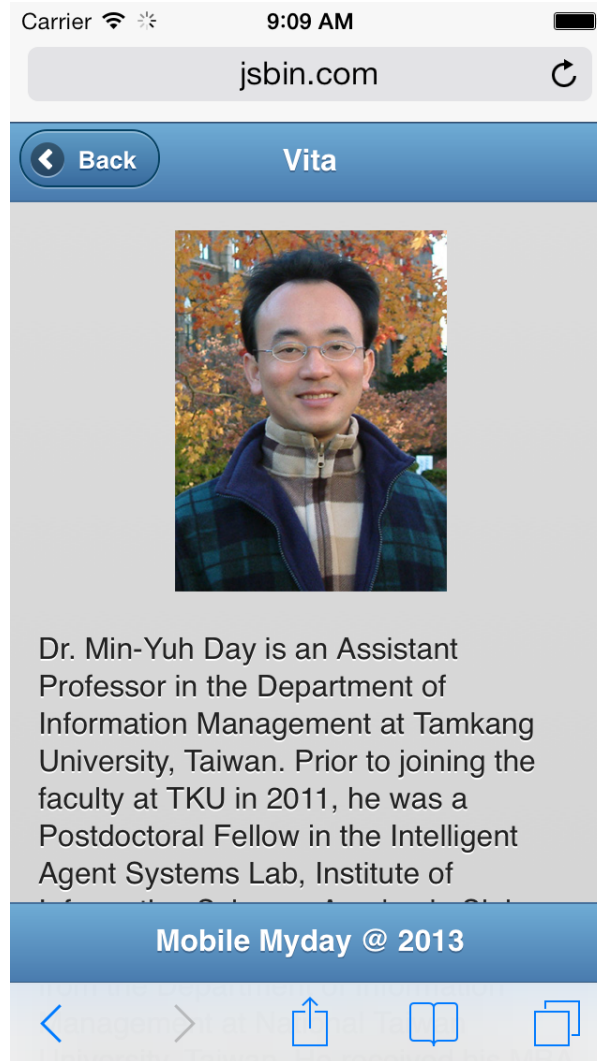
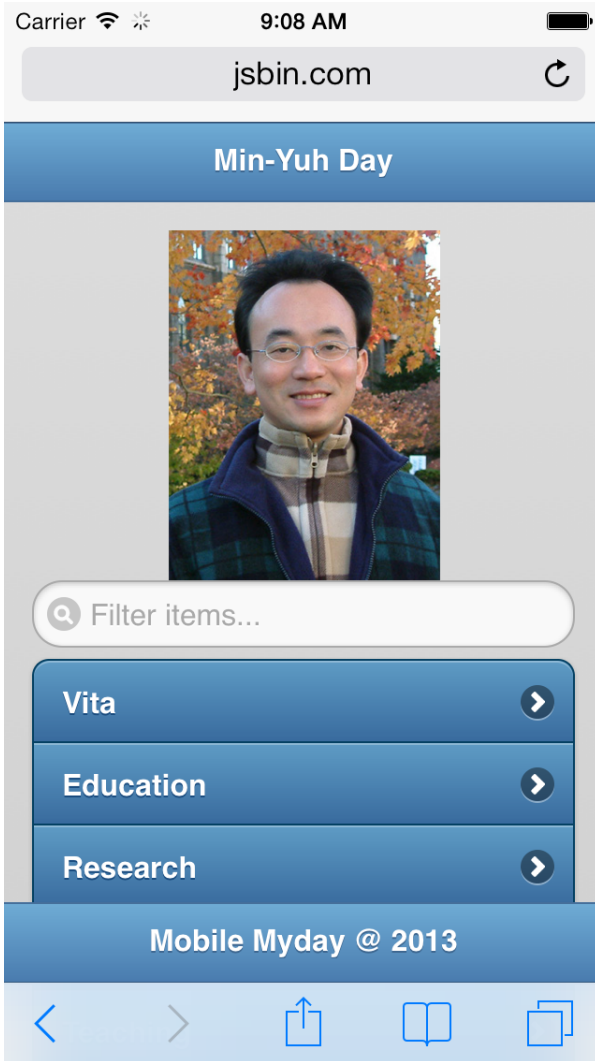
```
<div data-role="page" id="Education" data-theme="b">
  <div data-role="header" data-position="inline" data-theme="b">
    <a data-icon="back" data-rel="back" back-btn="true">Back</a>
    <h1>Education</h1>
    <a href="#" data-icon="home">Home</a>
  </div><!-- /header -->
  <div data-role="content">

    <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-->

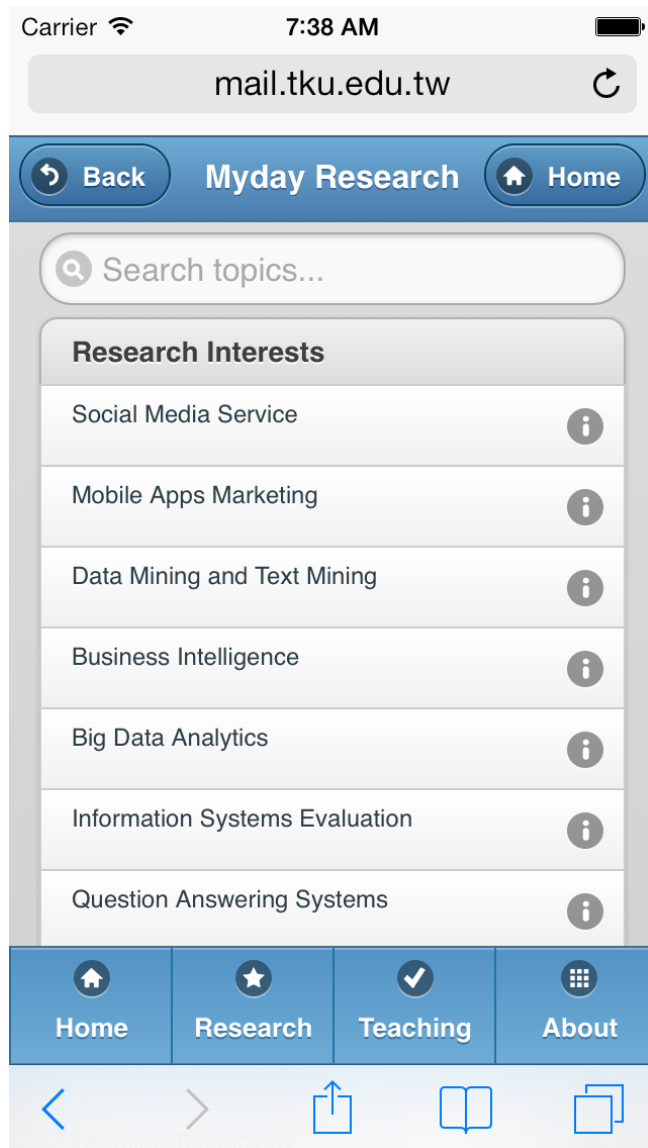
</body>
</html>
```

Mobile Myday



<http://jsbin.com/lwOMezo>

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>