



Social Media Apps Programming

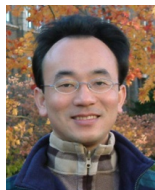
Create Hybrid Apps with Phonegap

1031SMAP07

TLMXM1A (8687) (M2143) (Fall 2014)

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

Thu 8,9 (15:10-17:00) V201



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Assistant Professor

Department of Information Management

Tamkang University

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



Course Schedule (1/3)

Week Date Subject/Topics

- 1 2014/09/17 Course Orientation and Introduction to Social Media and Mobile Apps Programming
- 2 2014/09/24 Introduction to Android / iOS Apps Programming
- 3 2014/10/01 Developing Android Native Apps with Java (Eclipse) (MIT App Inventor)
- 4 2014/10/08 Developing iPhone / iPad Native Apps with Swift / Objective-C (XCode)
- 5 2014/10/15 Mobile Apps Using HTML5/CSS3/JavaScript
- 6 2014/10/22 jQuery Mobile

Course Schedule (2/3)

Week Date Subject/Topics

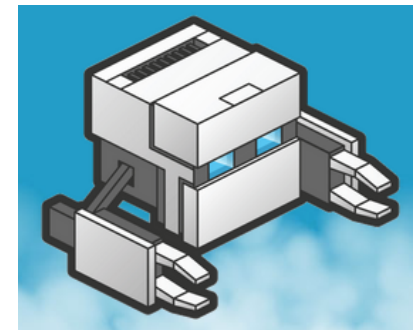
- 7 2014/10/29 Create Hybrid Apps with Phonegap
- 8 2014/11/05 jQuery Mobile/Phonegap
- 9 2014/11/12 jQuery Mobile/Phonegap
- 10 2014/11/19 Midterm Exam Week
(Midterm Project Report)
- 11 2014/11/26 Case Study on Social Media Apps
Programming and Marketing in
Google Play and App Store
- 12 2014/12/03 Google Cloud Platform

Course Schedule (3/3)

Week	Date	Subject/Topics
• 13	2014/12/10	Google App Engine
• 14	2014/12/17	Google Map API
• 15	2014/12/24	Facebook API (Facebook JavaScript SDK) (Integrate Facebook with iOS/Android Apps)
• 16	2014/01/31	Twitter API
• 17	2015/01/07	Final Project Presentation
• 18	2015/01/14	Final Exam Week (Final Project Report)

Outline

- PhoneGap
 - PhoneGap
 - PhoneGap Build
 - index.html, css, js
 - config.xml
 - PhoneGap, jQuery Mobile
- Demo
 - Create Hybrid Apps with PhoneGap



Android /iOS Apps Programming

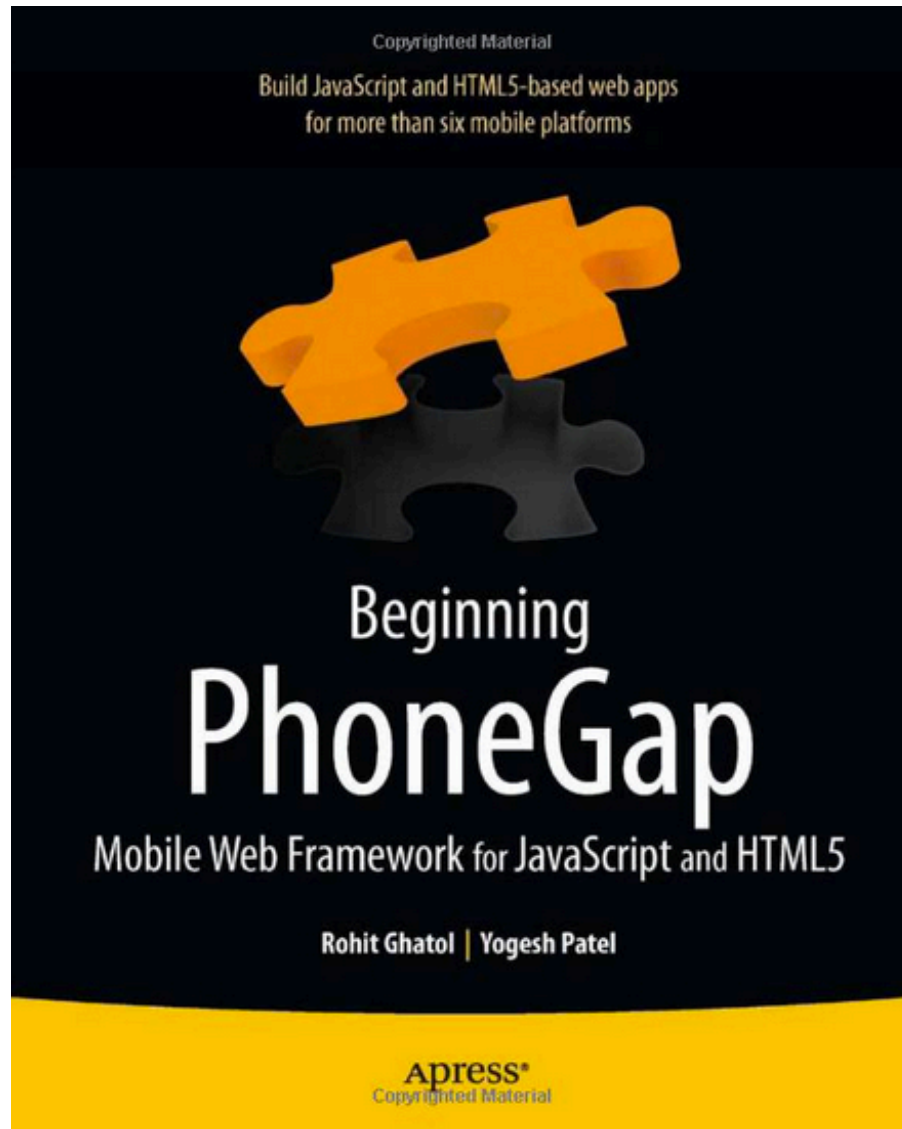
Native Apps

Hybrid Apps

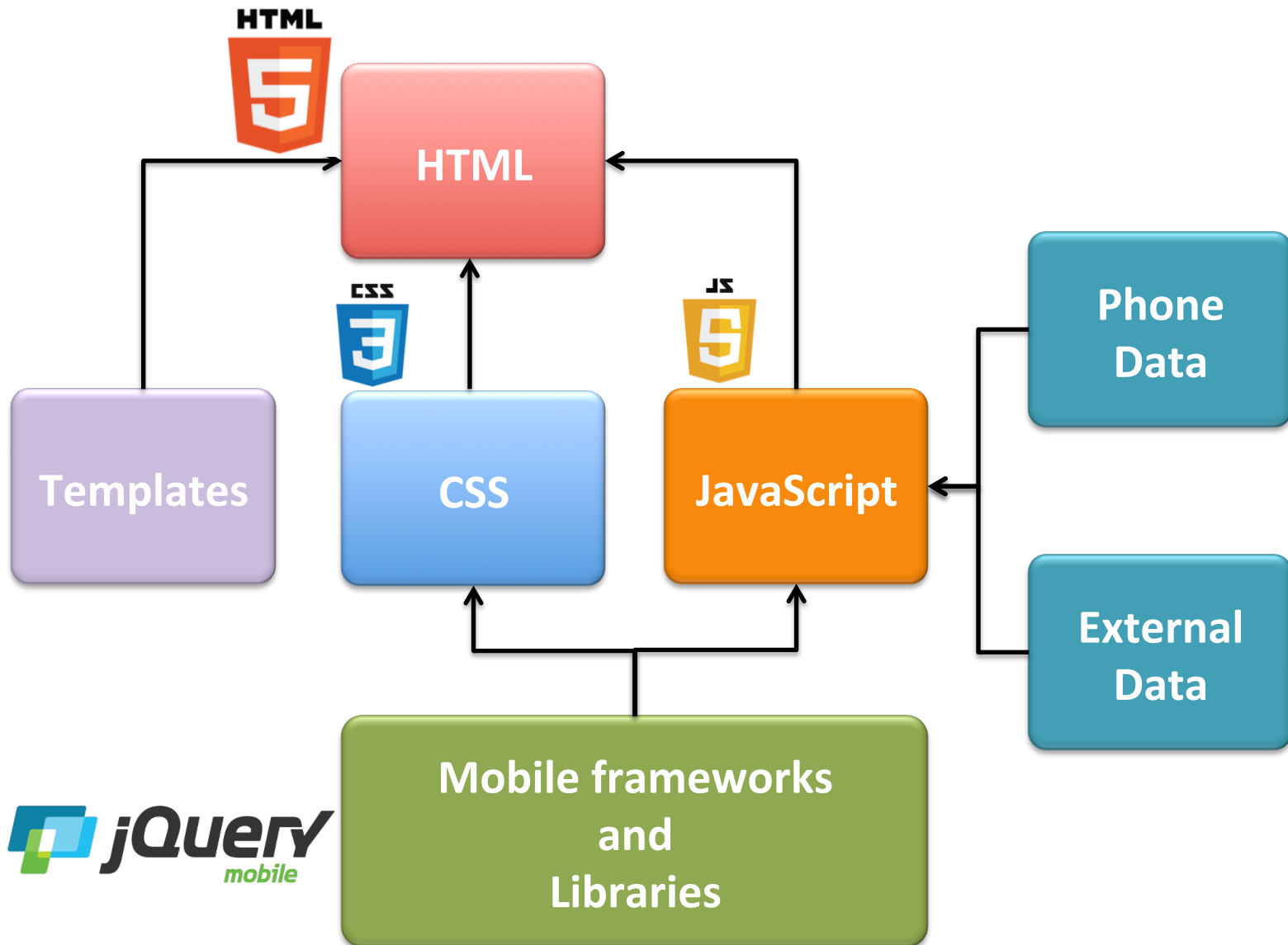
Mobile Web Apps



Beginning PhoneGap: Mobile Web Framework for JavaScript and HTML5, Rohit Ghatol & Yogesh Patel, Apress, 2012

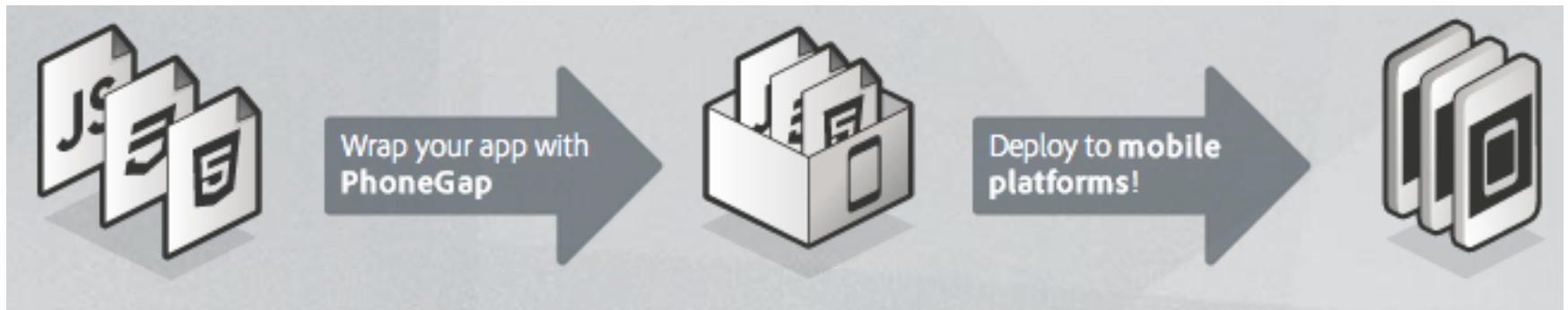


Mobile Web App



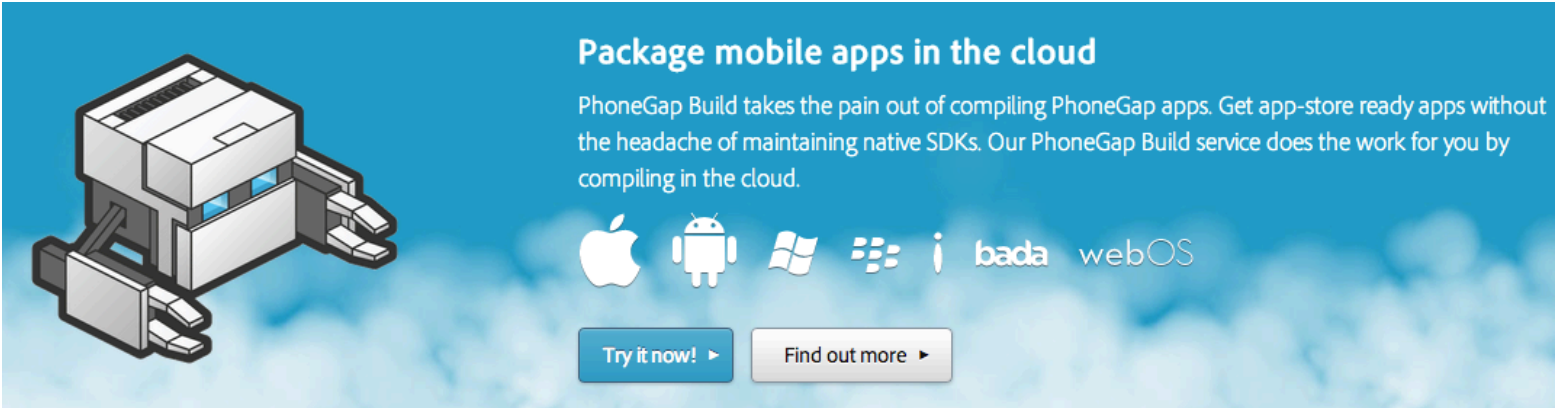
PhoneGap

- PhoneGap is a free and open source framework that allows you to **create mobile apps** using standardized web APIs for the platforms you care about.



PhoneGap Build

- Package mobile apps in the cloud
 - **PhoneGap Build** takes the pain out of compiling PhoneGap apps.
 - Get app-store ready apps without the headache of maintaining **native SDKs**.
 - **PhoneGap Build** service does the work for you by compiling in the cloud.



Package mobile apps in the cloud

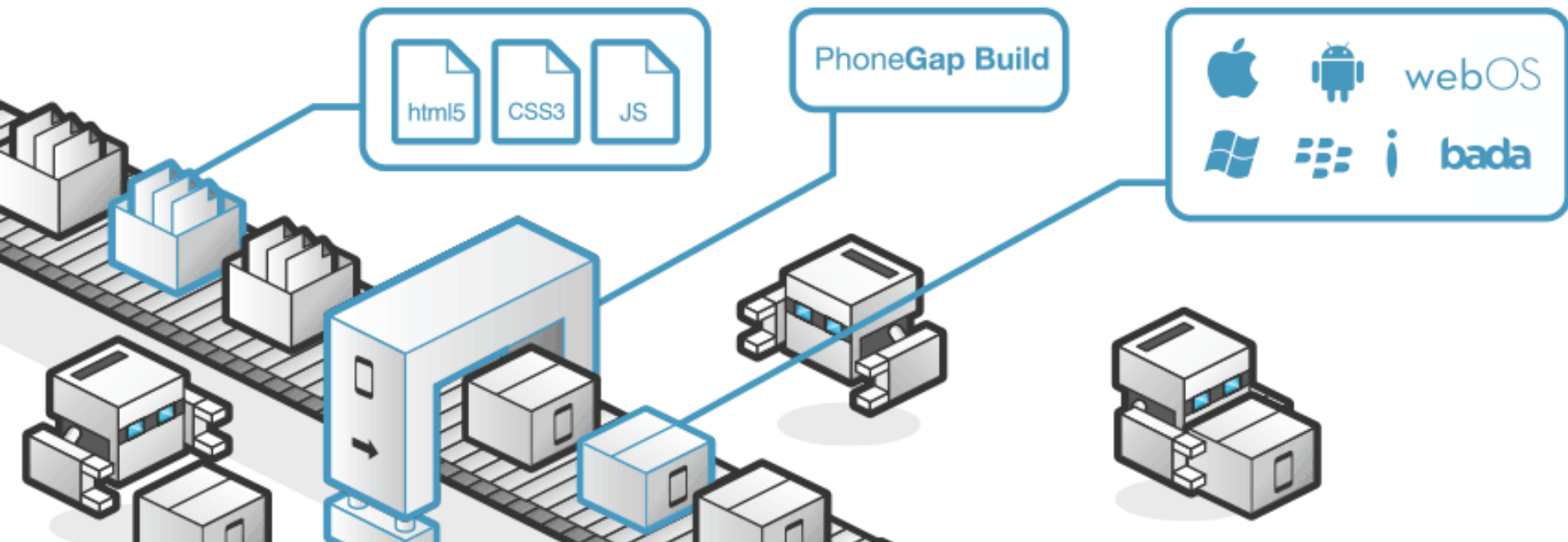
PhoneGap Build takes the pain out of compiling PhoneGap apps. Get app-store ready apps without the headache of maintaining native SDKs. Our PhoneGap Build service does the work for you by compiling in the cloud.

Apple Android Windows BlackBerry i bada webOS

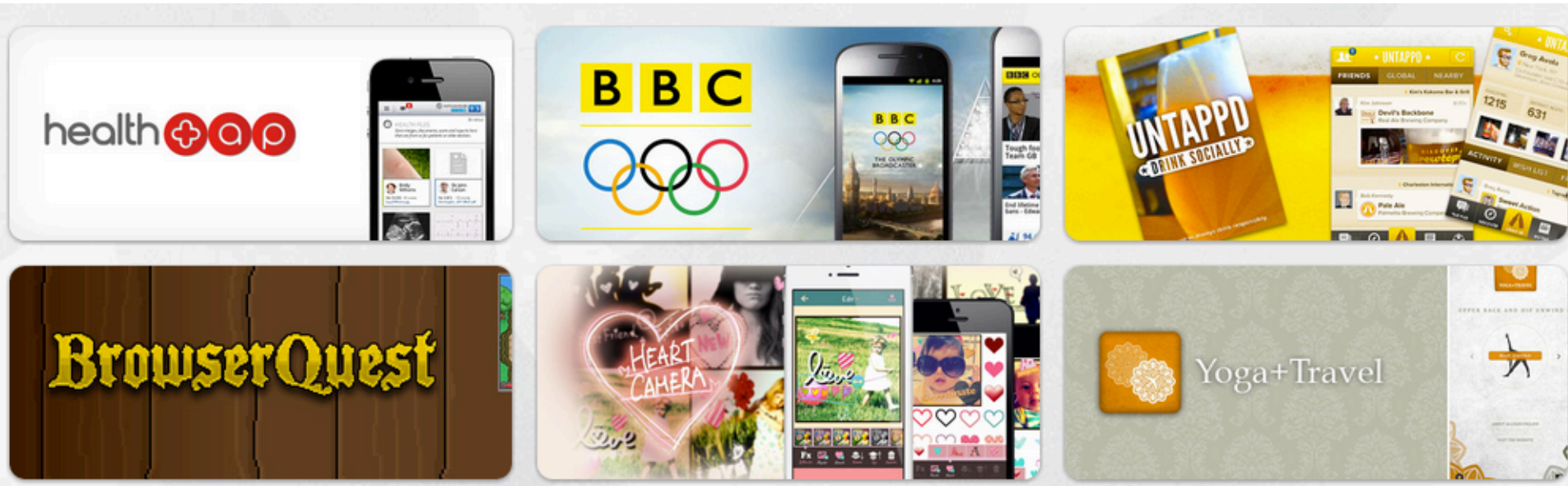
[Try it now! ▶](#) [Find out more ▶](#)

The advertisement features a blue background with a stylized illustration of a server rack on the left. The text is white and blue, and the logos for various mobile operating systems are displayed in the center. Two buttons are at the bottom.

PhoneGap Build



Apps Created with PhoneGap



Apps Created with PhoneGap

BBC Olympics



Adobe® PhoneGap™

- Write a PhoneGap app once with HTML and JavaScript and deploy it to any mobile device without losing features of a native app.
- Adobe PhoneGap
 - standards-based,
open-source development framework
for building cross-platform mobile apps with
HTML, CSS and JavaScript
for iOS, Android™, Windows® Phone,
webOS, BlackBerry® and more.

PhoneGap



The screenshot shows the PhoneGap website homepage. At the top is a navigation bar with links for PhoneGap, About, Developer, Community, Apps, and Support, along with an Install button. The main content area features a large heading, a video player with a 'Watch Intro' button, and two buttons for installation and guides. Below this is a process diagram showing the workflow from web technologies to mobile deployment.

PhoneGap | Home

phonegap.com

PhoneGap About Developer Community Apps Support

Install

Easily create apps using the web technologies you know and love: **HTML, CSS, and JavaScript**

PhoneGap is a free and open source framework that allows you to create mobile apps using standardized web APIs for the platforms you care about.

Install PhoneGap ▶ Getting Started Guides ▶

Watch Intro

JS CSS HTML

Wrap your app with PhoneGap

Deploy to mobile platforms!

PhoneGap Build

The screenshot shows the PhoneGap website with a navigation bar containing links for PhoneGap, About, Developer, Community, Apps, and Support, along with an Install button. A central diagram illustrates the workflow: 'Wrap your app with PhoneGap' (represented by JS, CSS, and HTML files) leads to 'Deploy to mobile platforms!' (represented by a box of mobile devices), which then leads to the final mobile app icons. Below this, a blue banner promotes 'Package mobile apps in the cloud', stating that PhoneGap Build simplifies the process by compiling in the cloud. It lists supported platforms: Apple, Android, Windows, BlackBerry, iOS, bada, and webOS. Two buttons, 'Try it now!' and 'Find out more', are provided for user action.

PhoneGap | Home

phonegap.com

PhoneGap About Developer Community Apps Support Install

Wrap your app with PhoneGap

Deploy to mobile platforms!

Package mobile apps in the cloud

PhoneGap Build takes the pain out of compiling PhoneGap apps. Get app-store ready apps without the headache of maintaining native SDKs. Our PhoneGap Build service does the work for you by compiling in the cloud.

Apple Android Windows BlackBerry iOS bada webOS

Try it now! Find out more

PhoneGap Build

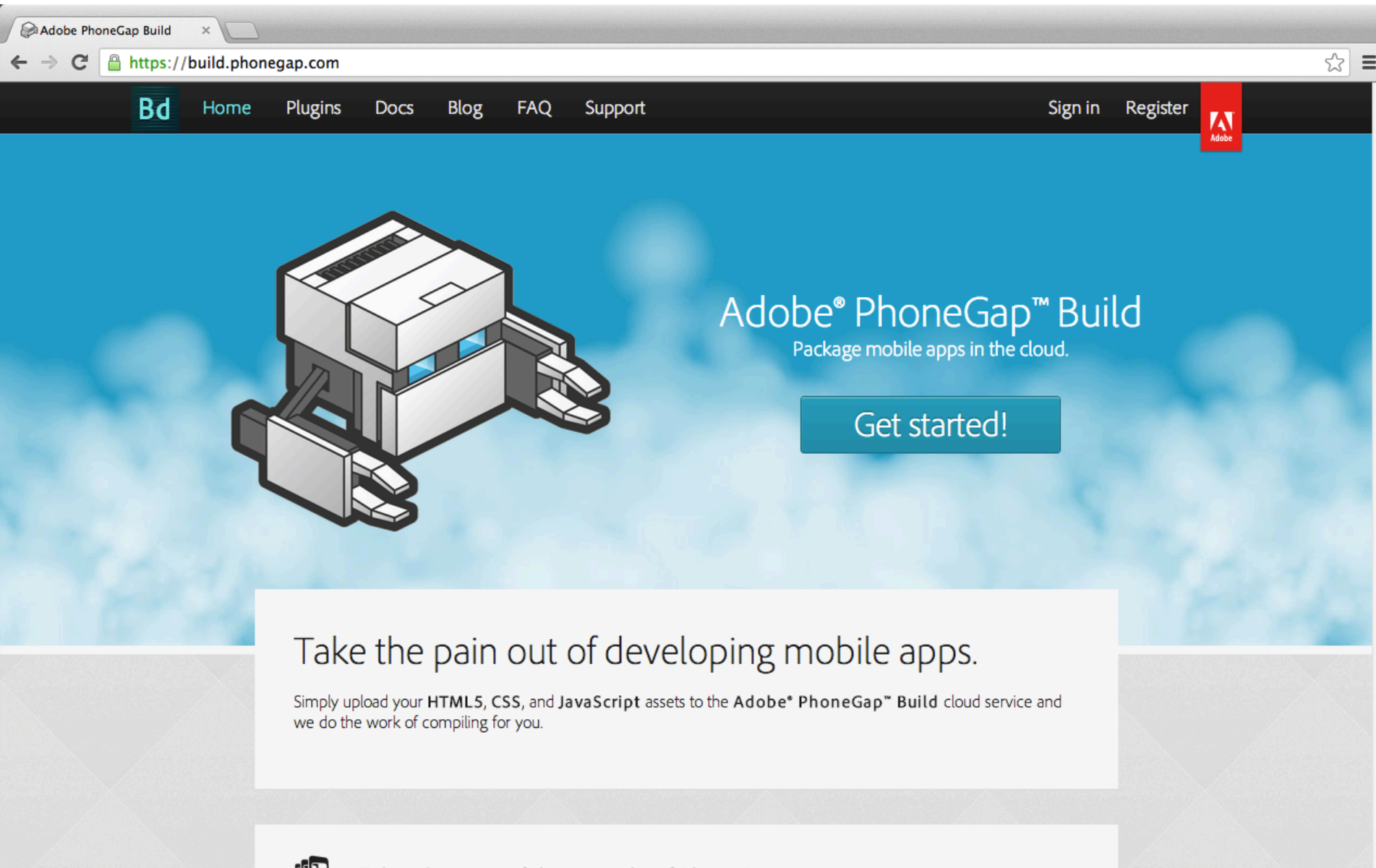


Choose your plan

	Free Plan	Paid Plan	Adobe Creative Cloud Membership ?
open source apps	∞ unlimited must be pulled from a public Github repo		
collaborators	∞ unlimited invite people to your app as either developers or testers		
private apps ?	1	25	
	completely free	starting at \$9.99/mo	sign in with your Adobe ID

<http://phonegap.com/>

PhoneGap Build

A screenshot of the Adobe PhoneGap Build website. The browser's address bar shows the URL 'https://build.phonegap.com'. The website's navigation bar includes links for 'Home', 'Plugins', 'Docs', 'Blog', 'FAQ', and 'Support', along with 'Sign in' and 'Register' buttons. The Adobe logo is in the top right corner. The main content area features a 3D illustration of a white and grey robotic device on the left. To its right, the text 'Adobe® PhoneGap™ Build' is displayed, followed by the tagline 'Package mobile apps in the cloud.' and a large teal 'Get started!' button. Below this, a white box contains the text 'Take the pain out of developing mobile apps.' and a paragraph explaining the service: 'Simply upload your HTML5, CSS, and JavaScript assets to the Adobe® PhoneGap™ Build cloud service and we do the work of compiling for you.'

<https://build.phonegap.com/>

Get started with PhoneGap Build

- Simply **upload** your web assets -
a ZIP file of **HTML, CSS and JavaScript**,
or a single **index.html** file
- to **PhoneGap Build**
 - Git or SVN repository.
- PhoneGap Build undertake the compilation and packaging
- In minutes, you'll receive the download URLs for all mobile platforms.

PhoneGap Build vs. PhoneGap

- PhoneGap
 - a mobile application development framework, based upon the open source Apache Cordova project.
 - write an app once with HTML, CSS and JavaScript, and then deploy it to a wide range of mobile devices without losing the features of a native app.
- PhoneGap Build
 - a cloud-based service built on top of the PhoneGap framework.
 - easily build those same mobile apps in the cloud.

Public Apps vs. Private Apps

- Public apps
 - source code hosted in a publicly accessible **GitHub repository**.
- Private apps
 - source code hosted in a **private** (non-publicly accessible) **GitHub repository**
 - uploads a **ZIP file** containing the source code and assets to the PhoneGap Build service.

PhoneGap, jQuery Mobile, jQuery

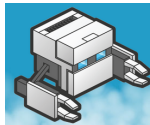


jQuery Mobile
(User Interface)

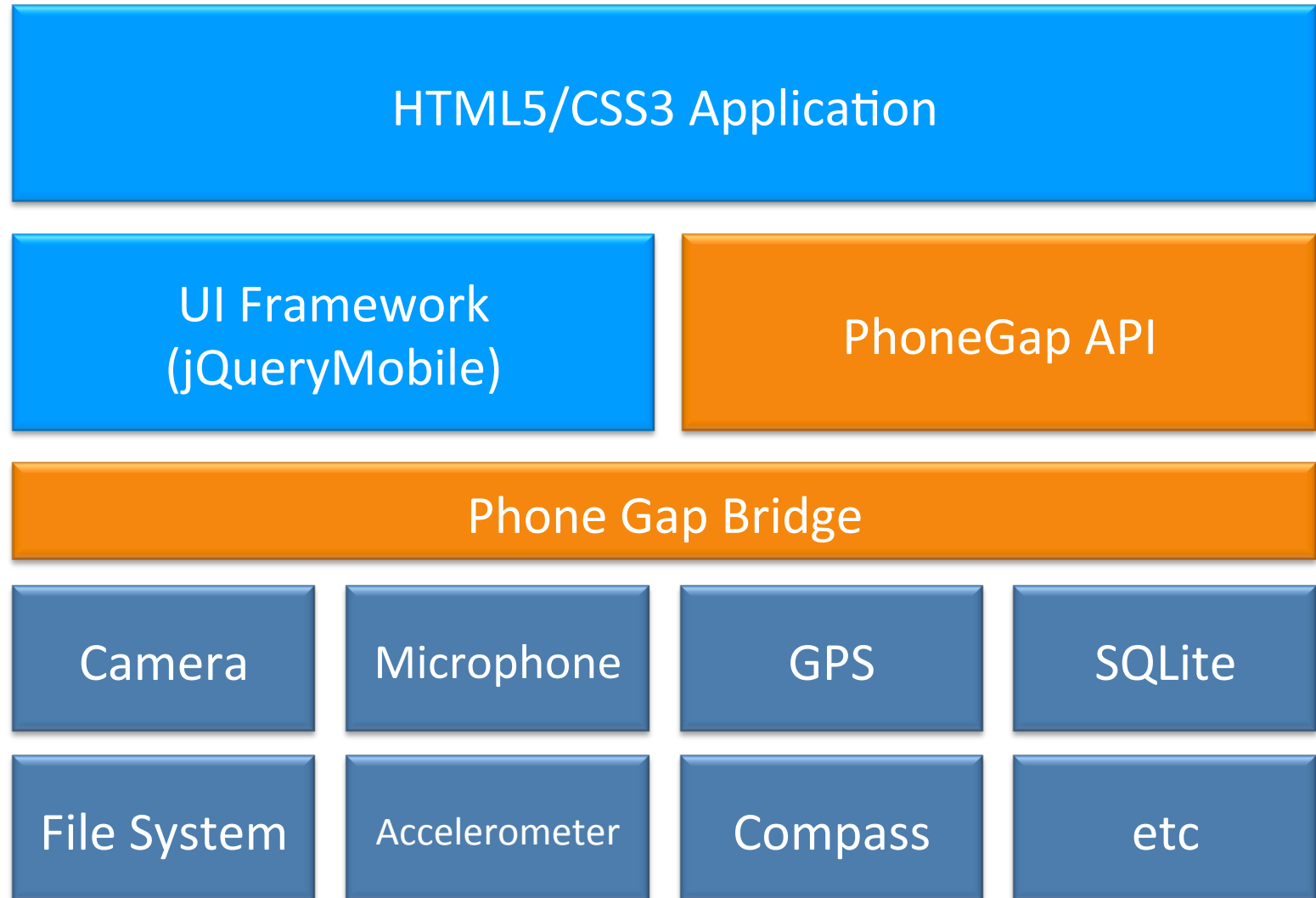


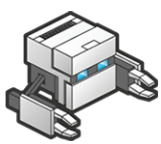
jQuery
(Logic and Computing)

PhoneGap
(Hardware Interface)



PhoneGap App Architecture





Install PhoneGap

PhoneGap | Install PhoneG x

phonegap.com/install/

PhoneGap About Developer Community Apps Enterprise

[Install](#)

Install PhoneGap

Install

To Install, ensure that you have [NodeJS](#) installed, then open your commandline and run the following:

```
$ sudo npm install -g phonegap
```

Once installation completes, you can invoke **phonegap** on command line for further help.

Usage

```
$ phonegap create my-app  
$ cd my-app  
$ phonegap run android
```

Learn more at docs.phonegap.com

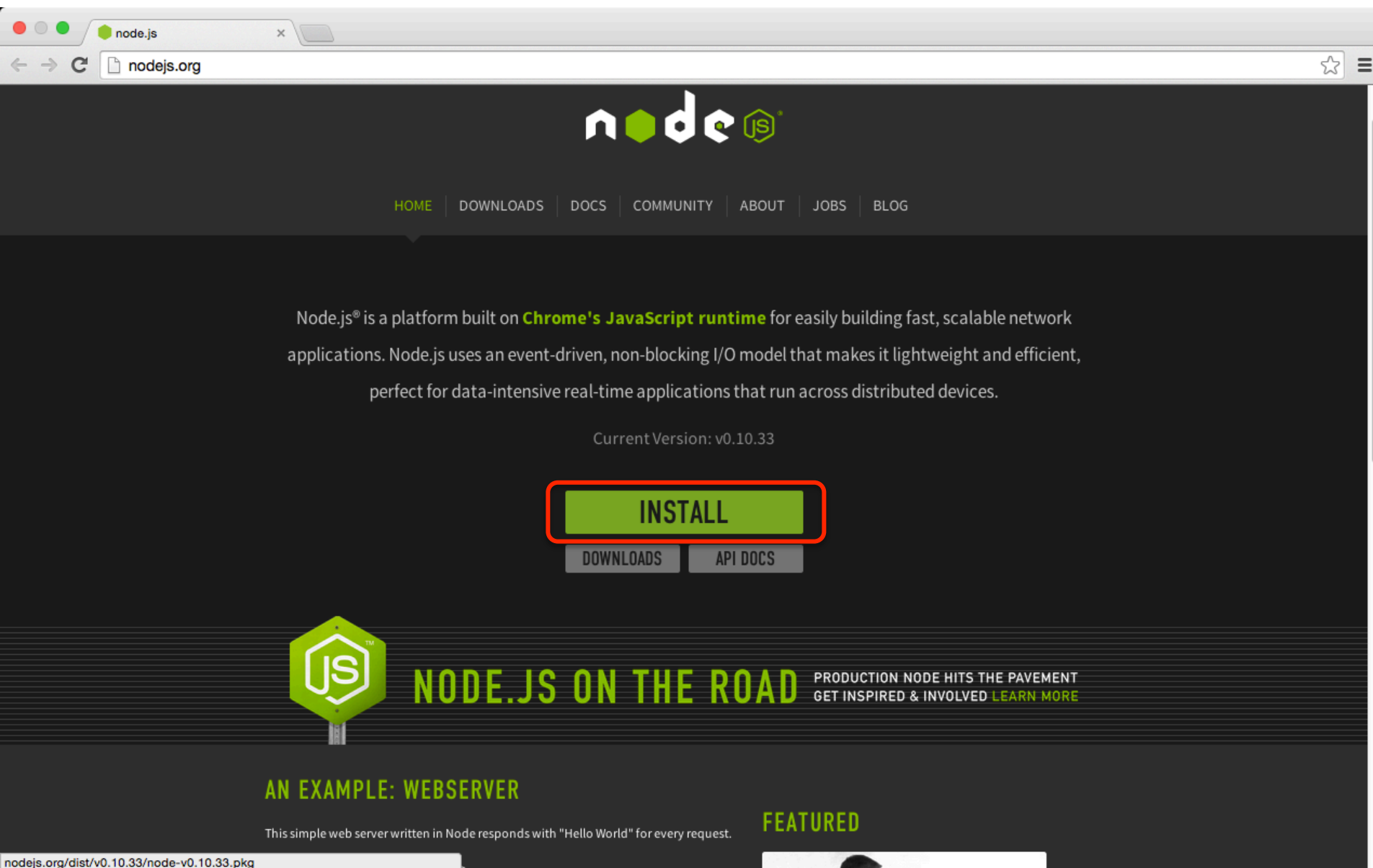
Archives

PhoneGap 2.9.1 Released 05 Nov 2013	PhoneGap 2.9.0 Released 26 Jun 2013	PhoneGap 2.8.1 Released 12 Jun 2013
---	---	---

<http://phonegap.com/install/>



NodeJS



The screenshot shows the Node.js website homepage. At the top, there's a navigation bar with links: HOME, DOWNLOADS, DOCS, COMMUNITY, ABOUT, JOBS, and BLOG. The main content area features a description of Node.js as a platform built on Chrome's JavaScript runtime. Below this, the current version is listed as v0.10.33. A prominent green button labeled 'INSTALL' is highlighted with a red rectangle. Below the 'INSTALL' button are two smaller buttons: 'DOWNLOADS' and 'API DOCS'. Further down, there's a section titled 'NODE.JS ON THE ROAD' with a sub-header 'AN EXAMPLE: WEBSERVER' and a brief description of a simple web server. To the right of this section is a 'FEATURED' section.

node.js

nodejs.org

node

HOME | DOWNLOADS | DOCS | COMMUNITY | ABOUT | JOBS | BLOG

Node.js® is a platform built on **Chrome's JavaScript runtime** for easily building fast, scalable network applications. Node.js uses an event-driven, non-blocking I/O model that makes it lightweight and efficient, perfect for data-intensive real-time applications that run across distributed devices.

Current Version: v0.10.33

INSTALL

DOWNLOADS | API DOCS

NODE.JS ON THE ROAD PRODUCTION NODE HITS THE PAVEMENT
GET INSPIRED & INVOLVED [LEARN MORE](#)

AN EXAMPLE: WEBSERVER

This simple web server written in Node responds with "Hello World" for every request.

FEATURED

nodejs.org/dist/v0.10.33/node-v0.10.33.pkg

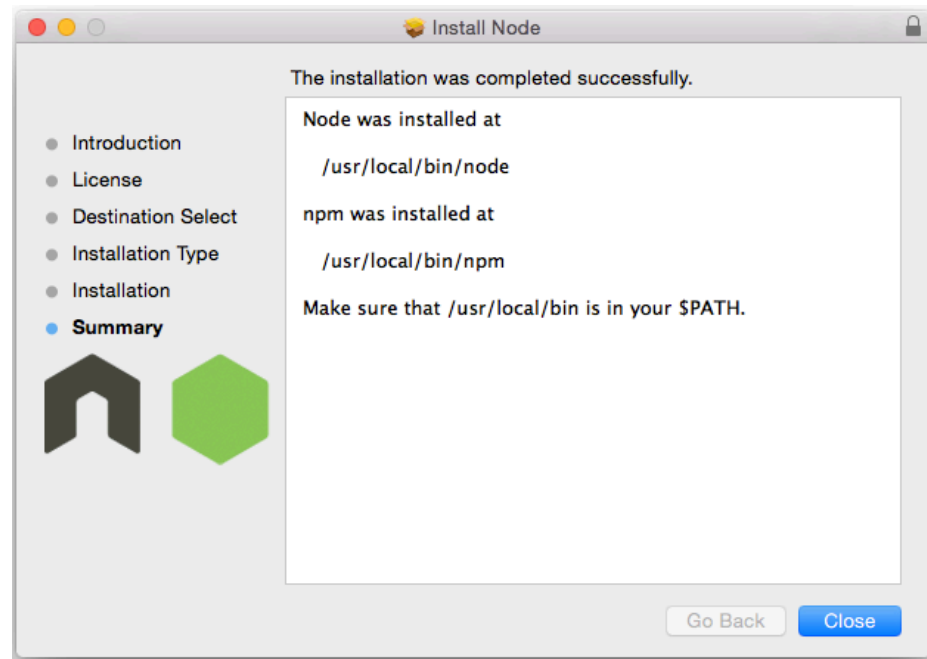
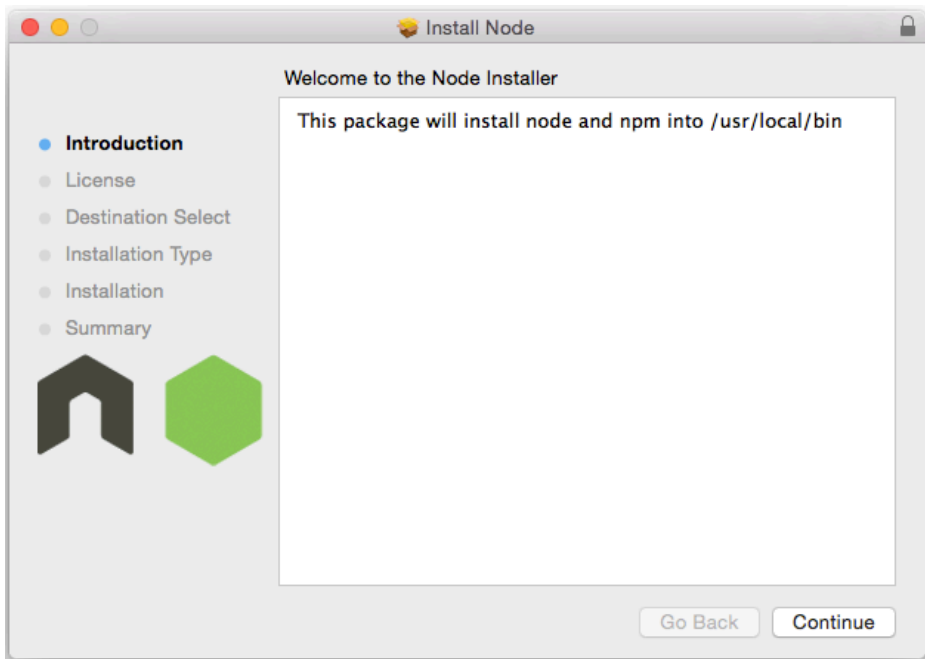


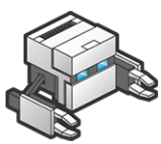
Install NodeJS



node-v0.10.33.pkg

10.2 MB





PhoneGap API Documentation

PhoneGap API Documenta x

docs.phonegap.com/en/3.5.0/index.html

☆ ☰

PhoneGap Documentation3.5.0

Home

Guides

Overview

Platform Support

The Command-Line Interface

Platform Guides

Using Plugman to Manage Plugins

The config.xml File

Icons and Splash Screens

Embedding WebViews

Plugin Development Guide

Privacy Guide

Security Guide

Whitelist Guide

Storage

Next Steps

Keyword Index

API Reference

Guides

Overview

Start here if you are new to Cordova. Includes installation and next steps.

Platform Support

Compatibility table for all major features.

The Command-Line Interface

Create, build, and deploy from the command-line.

Platform Guides

Set up each platform SDK and update projects.

Using Plugman to Manage Plugins

Manage plugins without the CLI when using the platform-centered workflow.

The config.xml File

Customize your app's features.

Icons and Splash Screens

Customize your app's displaying images.

Embedding WebViews

Implement the Cordova WebView in your native project.

Plugin Development Guide

Develop your own plugin.

Privacy Guide

Learn about important mobile privacy issues.

Security Guide

Information and tips for building a secure application.

Whitelist Guide

Grant an application access to external resources.

Storage

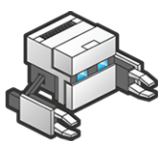
An overview of native storage options.

Next Steps

A look at topics that new Cordova developers will encounter.

Keyword Index

Full index of the documentation.



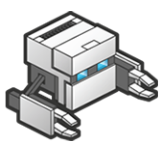
PhoneGape Install

\$ **sudo npm install -g phonegap**

```
npm http 304 https://registry.npmjs.org/bytes/0.1.0
npm http 304 https://registry.npmjs.org/qs/0.5.1
npm http 304 https://registry.npmjs.org/formidable/1.0.11
npm http GET https://registry.npmjs.org/abbrev
npm http GET https://registry.npmjs.org/optimist
npm http GET https://registry.npmjs.org/underscore/1.2.1
npm http GET https://registry.npmjs.org/ini
npm http GET https://registry.npmjs.org/deep-extend
npm http GET https://registry.npmjs.org/fstream
npm http GET https://registry.npmjs.org/commander
npm http GET https://registry.npmjs.org/pegjs/0.6.2
npm http GET https://registry.npmjs.org/node-uuid/1.3.3
npm http 304 https://registry.npmjs.org/underscore/1.2.1
npm http 304 https://registry.npmjs.org/abbrev
npm http 304 https://registry.npmjs.org/ini
npm http 304 https://registry.npmjs.org/deep-extend
npm http 304 https://registry.npmjs.org/optimist
npm http 304 https://registry.npmjs.org/fstream
npm http 304 https://registry.npmjs.org/commander
npm http 304 https://registry.npmjs.org/node-uuid/1.3.3
npm http 304 https://registry.npmjs.org/pegjs/0.6.2
npm http GET https://registry.npmjs.org/wordwrap
npm http GET https://registry.npmjs.org/keypress
npm http GET https://registry.npmjs.org/rimraf
npm http GET https://registry.npmjs.org/inherits
npm http GET https://registry.npmjs.org/mkdirp
npm http GET https://registry.npmjs.org/graceful-fs
npm http 304 https://registry.npmjs.org/wordwrap
npm http 304 https://registry.npmjs.org/keypress
npm http 304 https://registry.npmjs.org/rimraf
npm http 304 https://registry.npmjs.org/inherits
npm http 304 https://registry.npmjs.org/mkdirp
npm http 304 https://registry.npmjs.org/graceful-fs
/usr/local/bin/phonegap -> /usr/local/lib/node_modules/phonegap/bin/phonegap.js
phonegap@3.1.0-0.15.0 /usr/local/lib/node_modules/phonegap
├── colors@0.6.0-1
├── pluralize@0.0.4
├── semver@1.1.0
├── qrcode-terminal@0.9.4
├── shelljs@0.1.4
├── optimist@0.6.0 (minimist@0.0.5, wordwrap@0.0.2)
├── node-static@0.7.0 (colors@0.6.2, mime@1.2.11)
├── prompt@0.2.11 (revalidator@0.1.5, pkginfo@0.3.0, read@1.0.5, winston@0.6.2,
util@0.2.0)
├── phonegap-build@0.8.4 (qrcode-terminal@0.8.0, shelljs@0.0.9, optimist@0.3.7,
phonegap-build-api@0.3.3)
├── cordova@3.1.0-0.1.0 (ncallbacks@1.0.0, colors@0.6.2, open@0.0.3, mime@1.2.11
, follow-redirects@0.0.3, shelljs@0.1.2, xcode@0.5.1, tar@0.1.18, elementtree@0.
1.5, glob@3.2.7, prompt@0.2.7, express@3.0.0, request@2.22.0, npm@1.3.14, plist@
0.4.3, ripple-emulator@0.9.18, plugman@0.13.0)
pc16:development imydays$
```



npm (Node Package Manager)



PhoneGape Usage

```
$ phonegap create myapp
```

```
[phonegap] missing library phonegap/www/3.1.0
```

```
[phonegap] downloading https://github.com/phonegap/  
phonegap-app-hello-world/archive/3.1.0.tar.gz...
```

```
[phonegap] created project at /Users/imyday/  
Development/myapp
```

```
$ cd myapp
```

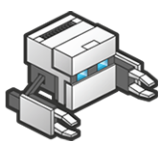
```
$ phonegap run android
```

```
[phonegap] detecting Android SDK environment...
```

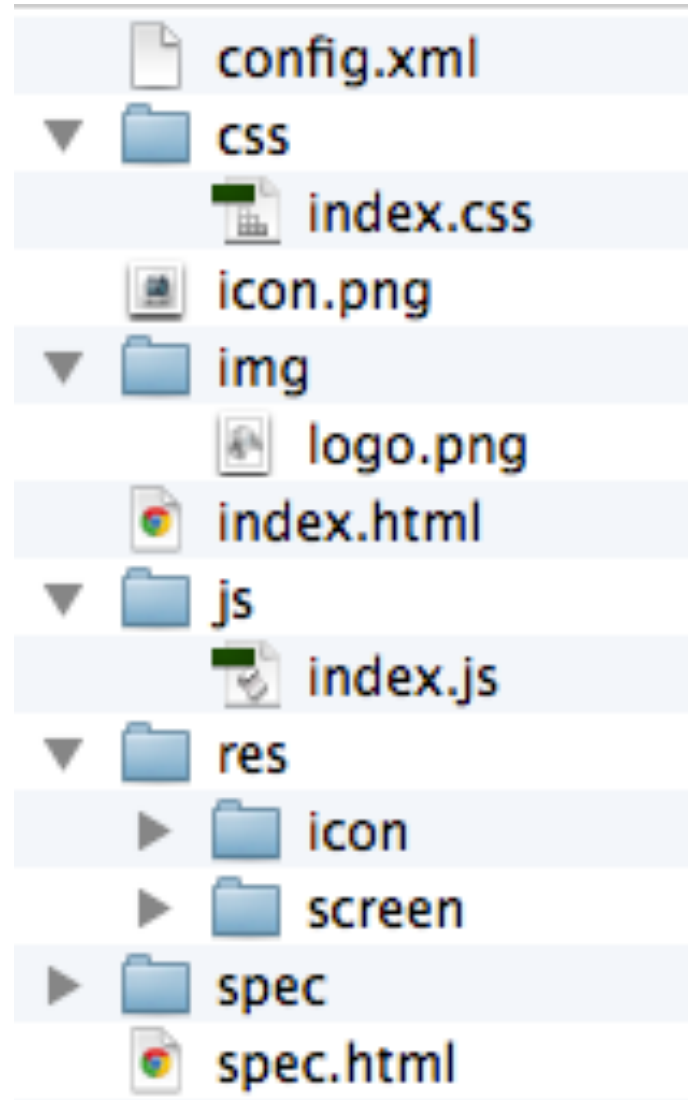
```
[phonegap] using the remote environment
```

```
[phonegap] compressing the app...
```

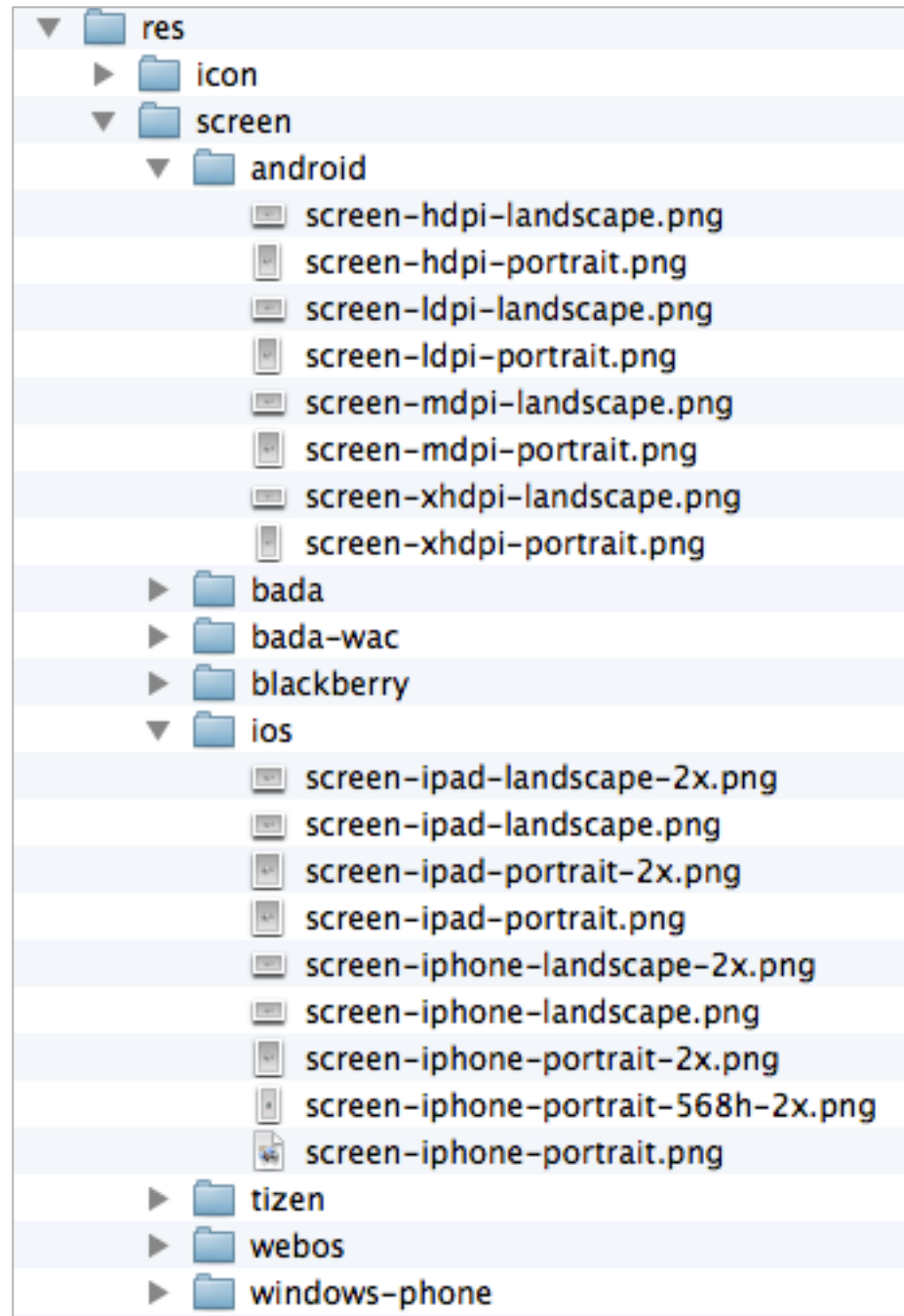
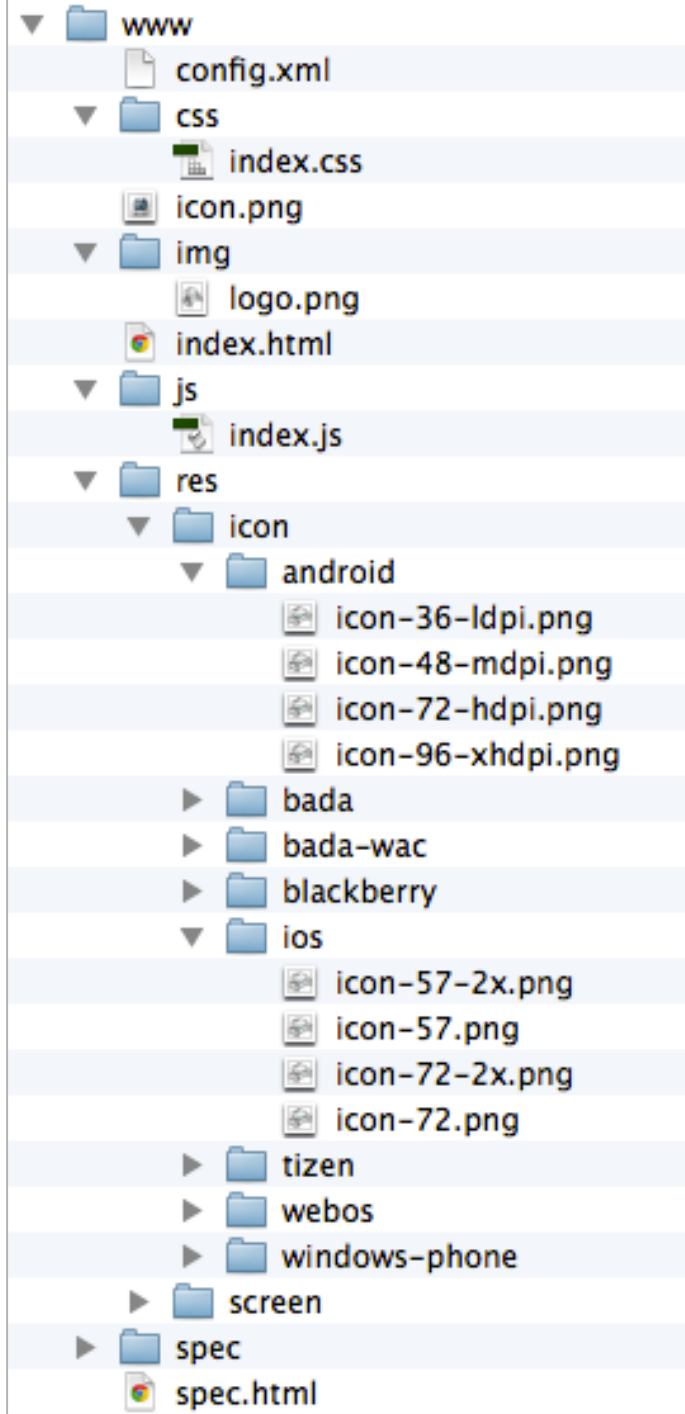
```
[phonegap] uploading the app...
```

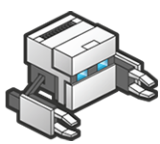


myapp/www/



myapp/
www/





PhoneGap config.xml

config.xml

css

icon.png

img

index.html

js

res

spec

spec.html

```
<?xml version='1.0' encoding='utf-8'?>
<widget id="com.phonegap.helloworld"
version="1.0.0" xmlns="http://www.w3.org/
ns/widgets" xmlns:gap="http://phonegap.com/
ns/1.0">
  <name>HelloWorld</name>
  <description>
    Hello World sample application that
    responds to the deviceready event.
  </description>
  <author email="support@phonegap.com"
href="http://phonegap.com">
    PhoneGap Team
  </author>
  <feature name="http://api.phonegap.com/
1.0/device" />
</widget>
```

Name config.xml

Kind XML Document

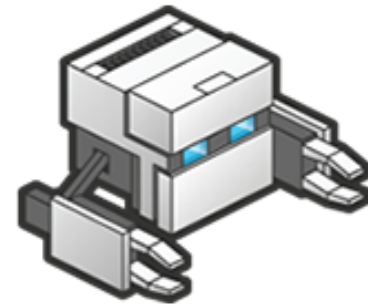
Size 4 KB

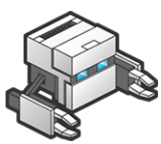
```

<?xml version='1.0' encoding='utf-8'?>
<widget id="com.phonegap.helloworld" version="1.0.0" xmlns="http://www.w3.org/ns/widgets" xmlns:gap="http://phonegap.com/ns/1.0">
  <name>HelloWorld</name>
  <description>
    Hello World sample application that responds to the deviceready event.
  </description>
  <author email="support@phonegap.com" href="http://phonegap.com">
    PhoneGap Team
  </author>
  <feature name="http://api.phonegap.com/1.0/device" />
  <preference name="permissions" value="none" />
  <preference name="orientation" value="default" />
  <preference name="target-device" value="universal" />
  <preference name="fullscreen" value="true" />
  <preference name="webviewbounce" value="true" />
  <preference name="prerendered-icon" value="true" />
  <preference name="stay-in-webview" value="false" />
  <preference name="ios-statusbarstyle" value="black-opaque" />
  <preference name="detect-data-types" value="true" />
  <preference name="exit-on-suspend" value="false" />
  <preference name="show-splash-screen-spinner" value="true" />
  <preference name="auto-hide-splash-screen" value="true" />
  <preference name="disable-cursor" value="false" />
  <preference name="android-minSdkVersion" value="7" />
  <preference name="android-installLocation" value="auto" />
  <icon src="icon.png" />
  <icon gap:density="ldpi" gap:platform="android" src="res/icon/android/icon-36-ldpi.png" />
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  <icon gap:platform="blackberry" src="res/icon/blackberry/icon-80.png" />
  <icon gap:platform="blackberry" gap:state="hover" src="res/icon/blackberry/icon-80.png" />
  <icon gap:platform="ios" height="57" src="res/icon/ios/icon-57.png" width="57" />
  <icon gap:platform="ios" height="72" src="res/icon/ios/icon-72.png" width="72" />
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  <icon gap:platform="winphone" src="res/icon/windows-phone/icon-48.png" />
  <icon gap:platform="winphone" gap:role="background" src="res/icon/windows-phone/icon-173.png" />
  <gap:splash gap:density="ldpi" gap:platform="android" src="res/screen/android/screen-ldpi-portrait.png" />
  <gap:splash gap:density="mdpi" gap:platform="android" src="res/screen/android/screen-mdpi-portrait.png" />
  <gap:splash gap:density="hdpi" gap:platform="android" src="res/screen/android/screen-hdpi-portrait.png" />
  <gap:splash gap:density="xhdpi" gap:platform="android" src="res/screen/android/screen-xhdpi-portrait.png" />
  <gap:splash gap:platform="blackberry" src="res/screen/blackberry/screen-225.png" />
  <gap:splash gap:platform="ios" height="480" src="res/screen/ios/screen-iphone-portrait.png" width="320" />
  <gap:splash gap:platform="ios" height="960" src="res/screen/ios/screen-iphone-portrait-2x.png" width="640" />
  <gap:splash gap:platform="ios" height="1024" src="res/screen/ios/screen-ipad-portrait.png" width="768" />
  <gap:splash gap:platform="ios" height="768" src="res/screen/ios/screen-ipad-landscape.png" width="1024" />
  <gap:splash gap:platform="winphone" src="res/screen/windows-phone/screen-portrait.jpg" />
  <access origin="http://127.0.0.1*" />
</widget>

```

config.xml

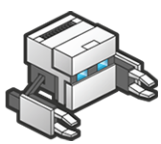




config.xml (part 1/3)

widget id, version,
name, description, author

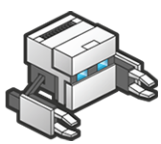
```
<?xml version='1.0' encoding='utf-8'?>
<widget
  id="com.phonegap.helloworld"
  version="1.0.0"
  xmlns="http://www.w3.org/ns/widgets"
  xmlns:gap="http://phonegap.com/ns/1.0">
  <name>HelloWorld</name>
  <description>
    Hello World sample application
  </description>
  <author email="support@phonegap.com" href="http://phonegap.com">
    PhoneGap Team
  </author>
  <feature name="http://api.phonegap.com/1.0/device" />
  <preference name="permissions" value="none" />
  <icon src="icon.png" />
</widget>
```



config.xml (part 2/3)

feature, preference, icon

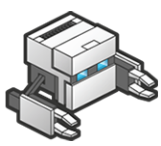
```
<feature name="http://api.phonegap.com/1.0/device" />
<preference name="permissions" value="none" />
<preference name="orientation" value="default" />
<preference name="target-device" value="universal" />
<preference name="fullscreen" value="true" />
<preference name="webviewbounce" value="true" />
<preference name="prerendered-icon" value="true" />
<preference name="stay-in-webview" value="false" />
<preference name="ios-statusbarstyle" value="black-opaque" />
<preference name="detect-data-types" value="true" />
<preference name="exit-on-suspend" value="false" />
<preference name="show-splash-screen-spinner" value="true" />
<preference name="auto-hide-splash-screen" value="true" />
<preference name="disable-cursor" value="false" />
<preference name="android-minSdkVersion" value="7" />
<preference name="android-installLocation" value="auto" />
<b>icon src="icon.png" />
```



config.xml (part 3/3)

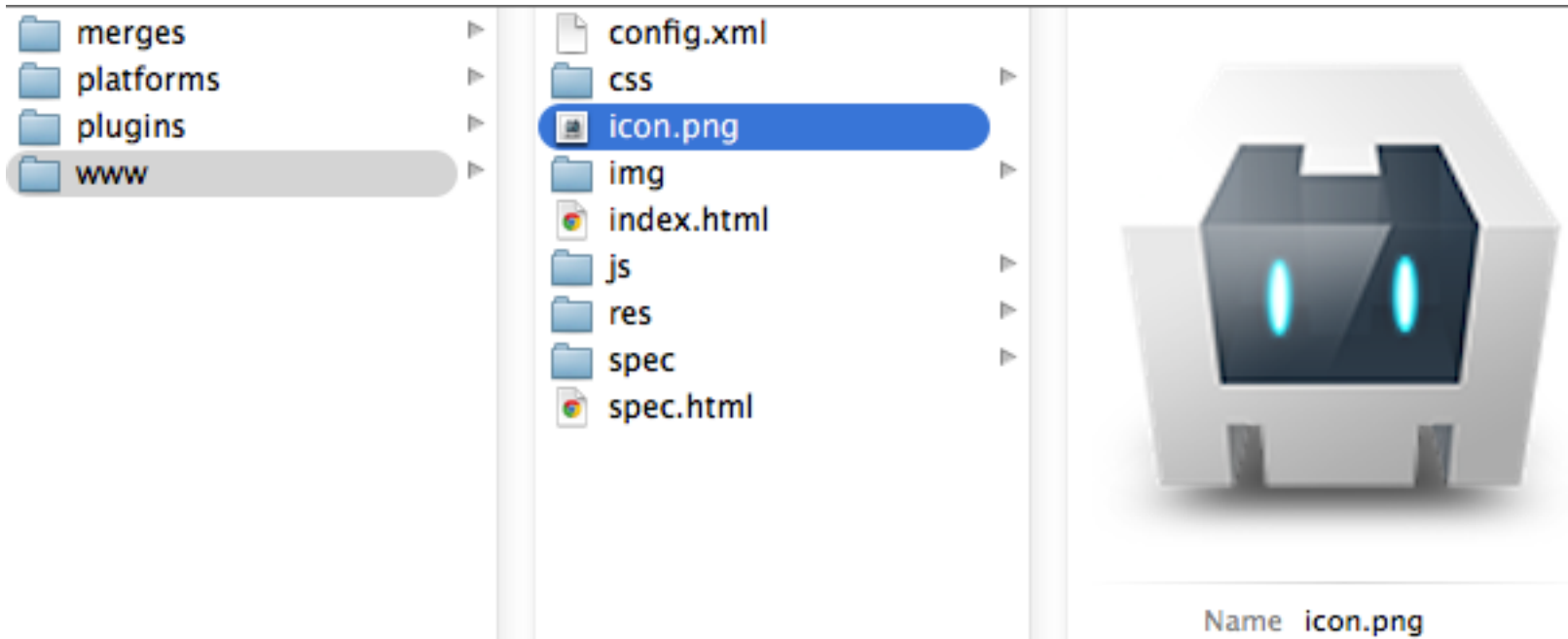
gap:splash

```
<gap:splash gap:density="ldpi" gap:platform="android" src="res/
screen/android/screen-ldpi-portrait.png" />
<gap:splash gap:density="mdpi" gap:platform="android" src="res/
screen/android/screen-mdpi-portrait.png" />
<gap:splash gap:density="hdpi" gap:platform="android" src="res/
screen/android/screen-hdpi-portrait.png" />
<gap:splash gap:density="xhdpi" gap:platform="android" src="res/
screen/android/screen-xhdpi-portrait.png" />
<gap:splash gap:platform="blackberry" src="res/screen/
blackberry/screen-225.png" />
<gap:splash gap:platform="ios" height="480" src="res/screen/
ios/screen-iphone-portrait.png" width="320" />
<gap:splash gap:platform="ios" height="960" src="res/screen/ios/
screen-iphone-portrait-2x.png" width="640" />
<gap:splash gap:platform="ios" height="1024" src="res/screen/
ios/screen-ipad-portrait.png" width="768" />
<gap:splash gap:platform="ios" height="768" src="res/screen/ios/
screen-ipad-landscape.png" width="1024" />
<gap:splash gap:platform="winphone" src="res/screen/windows-
phone/screen-portrait.jpg" />
<access origin="http://127.0.0.1*" />
</widget>
```

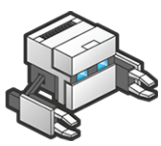


icon.png

(128x128)

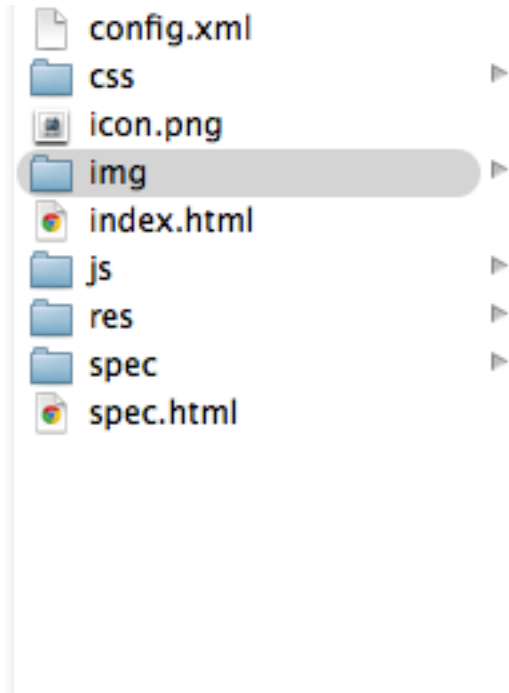


```
<icon src="icon.png" />
```

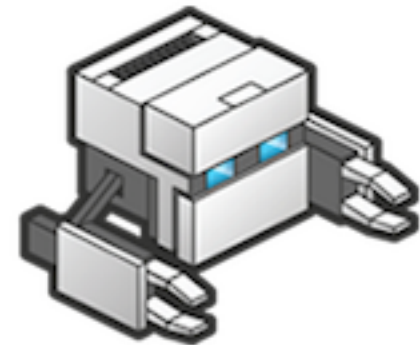


logo.png

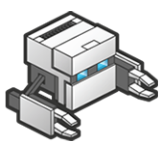
(172x200)



logo.png

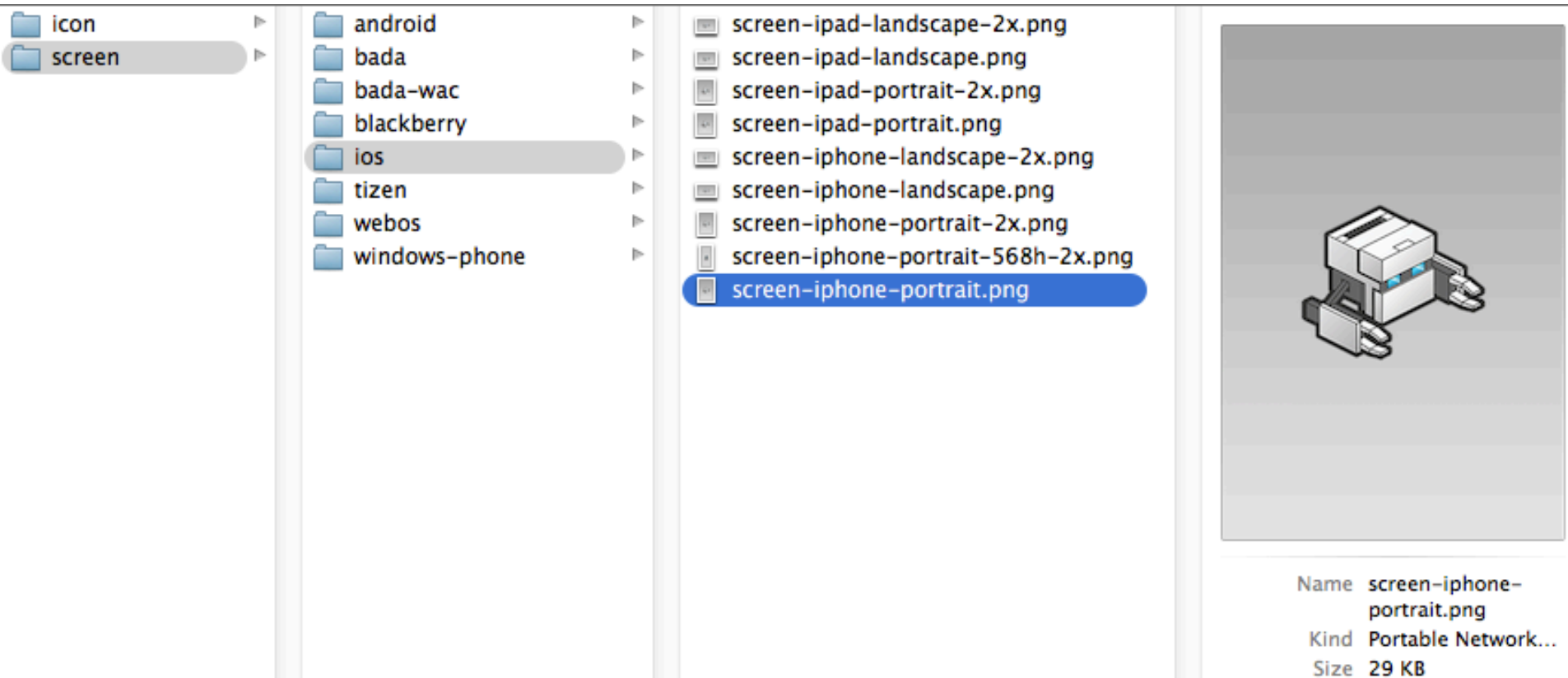


Name	logo.png
Kind	Portable Network...
Size	30 KB

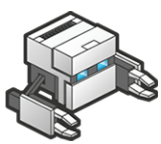


screen-iphone-portrait.png

(320x480)

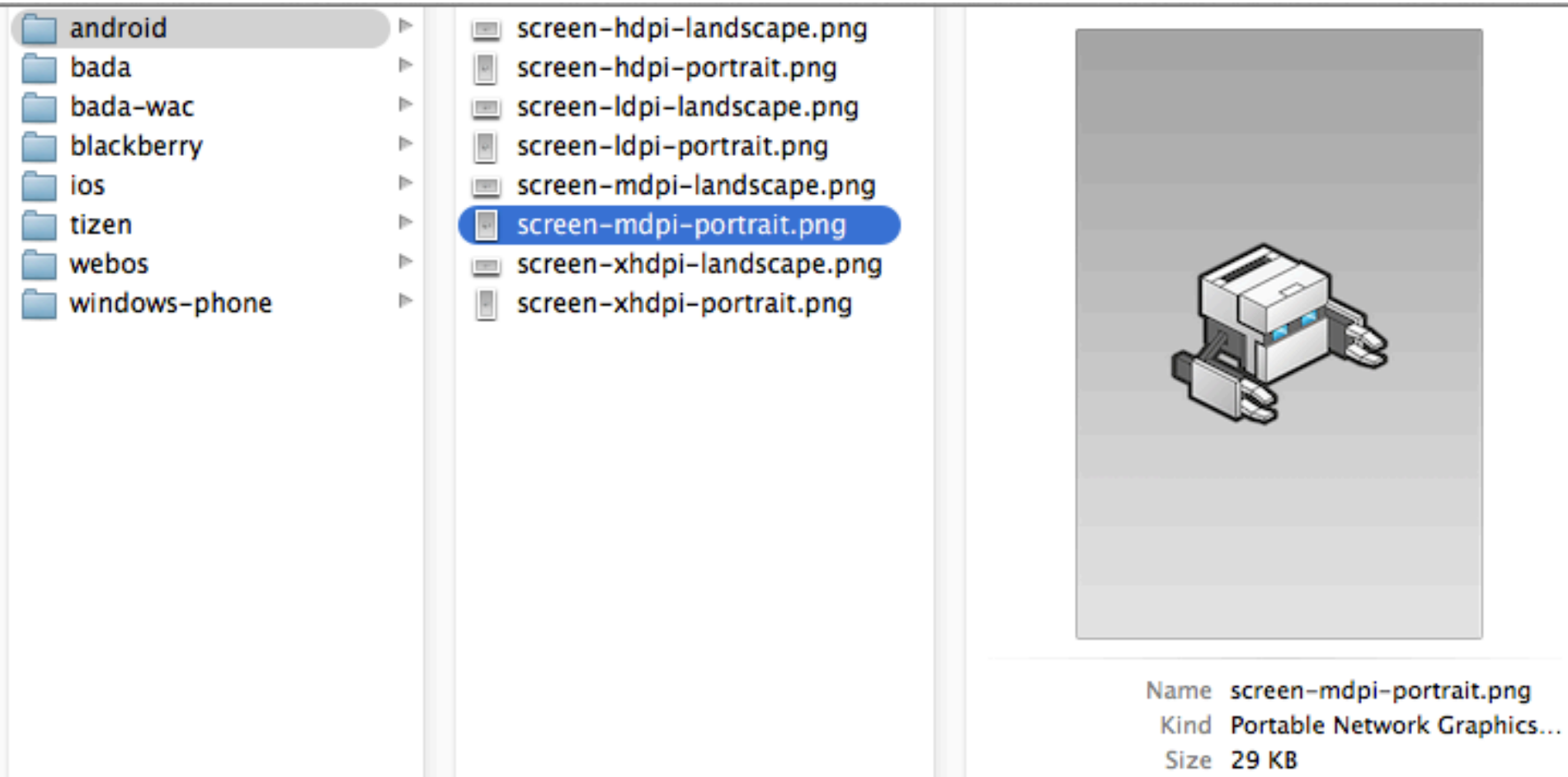


```
<gap:splash gap:platform="ios" height="480" src="res/  
screen/ios/screen-iphone-portrait.png"  
width="320" />
```



screen-mdpi-portrait.png

(320x480)



```
<gap:splash gap:density="mdpi" gap:platform="android" src="res/  
screen/android/screen-mdpi-portrait.png" />
```

Generate icon online

Quirco [Quirco - iPhone So x

www.quirco.com/iPhoneIcon/Preview/a2b9299b-e842-4f7e-b641-58d26bb995a8

quirco

iPhone Icon Maker News Cash Stream Guitar Notes Trainer Support

View Generated Icon

Generate another icon

Recommend Send Be the first of your friends to recommend this.

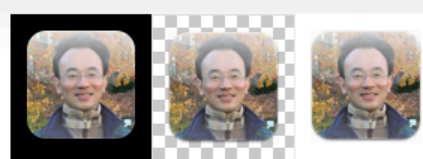
iPhone Preview



57x57 (iPhone) [download](#)



72x72 (iPad, iPad 2) [download](#)

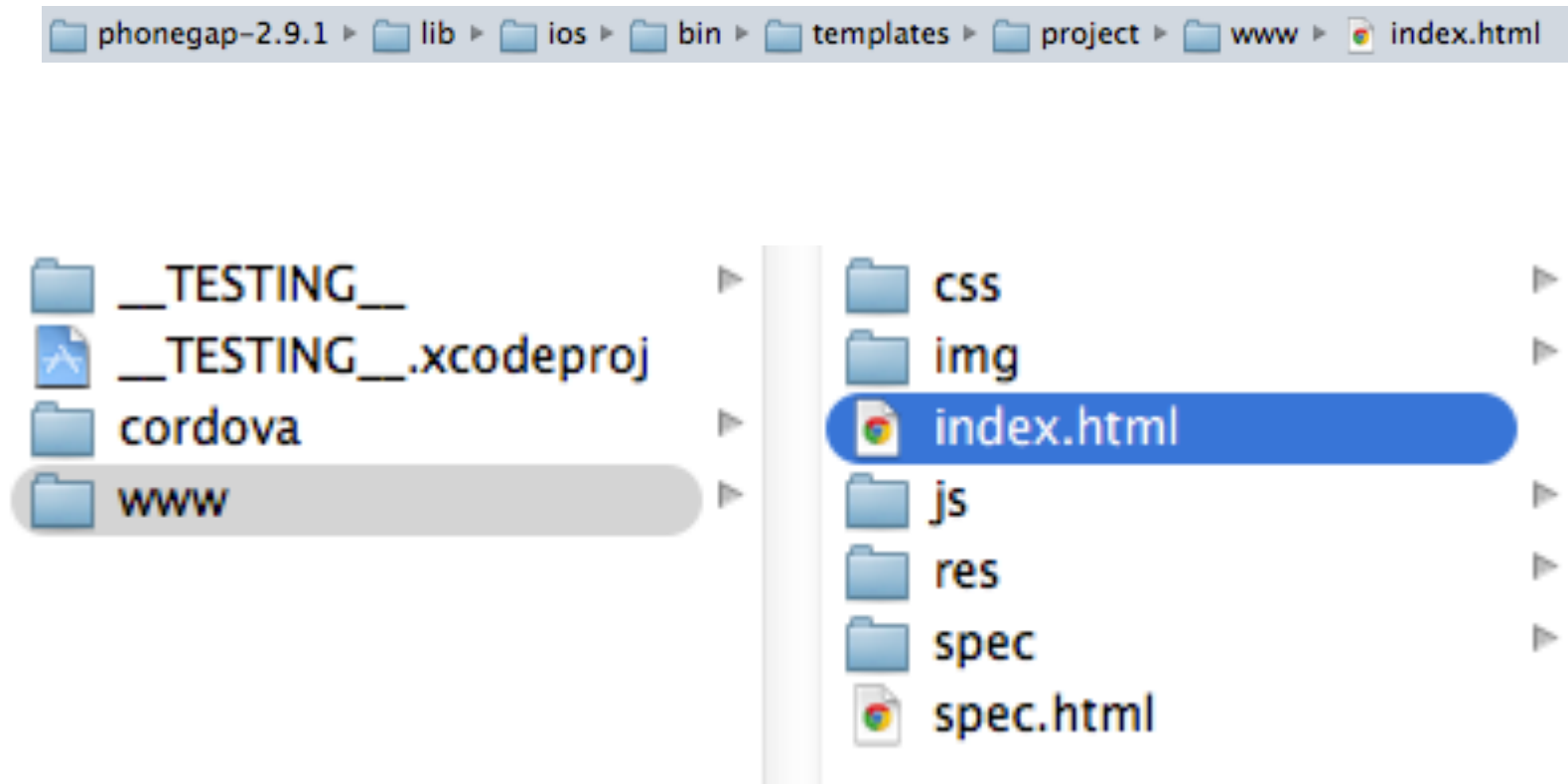


114x114 (iPhone 4, iPhone 5 and iPad 3) [download](#)



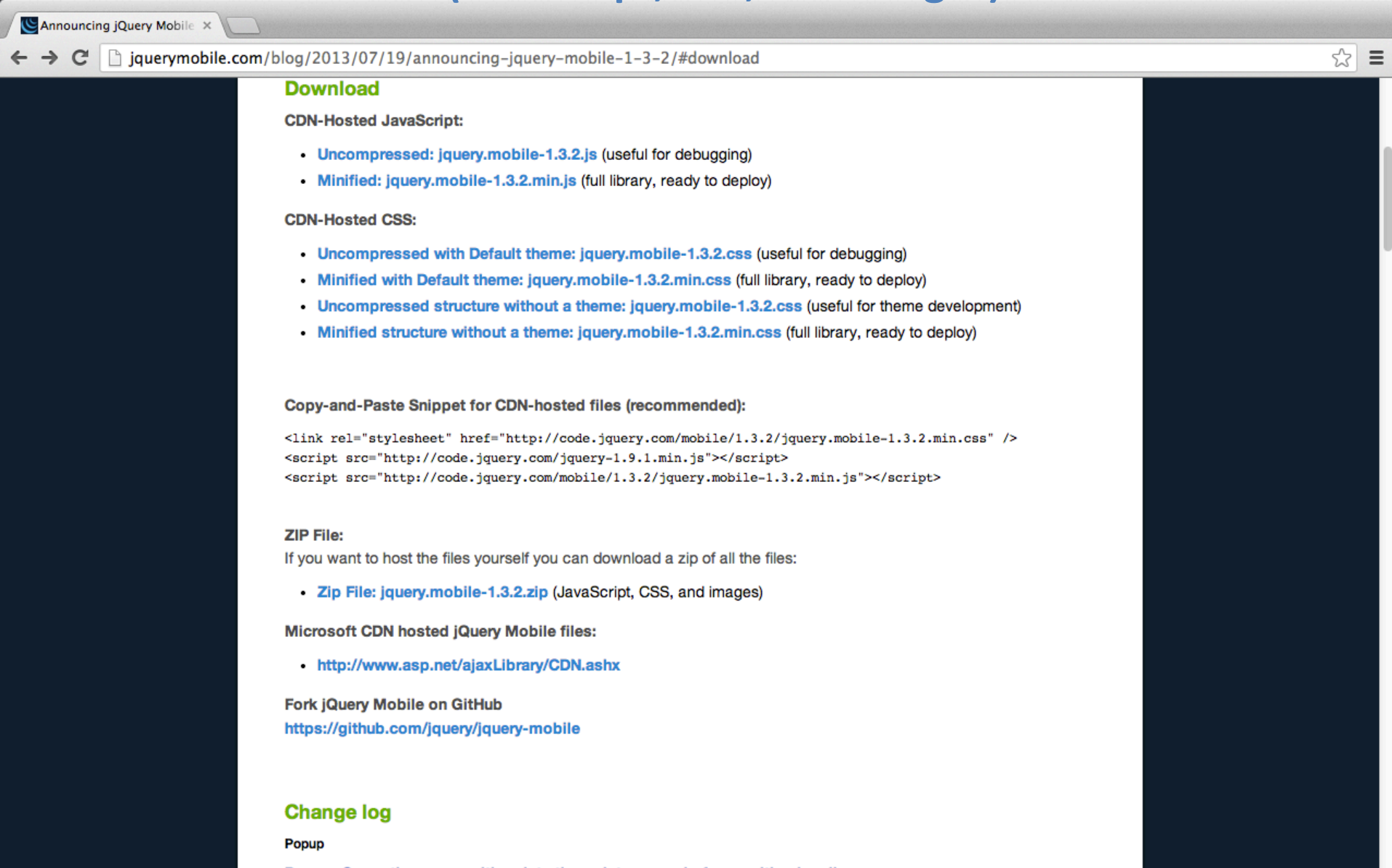
<http://www.quirco.com/iPhoneIcon>

phonegap-2.9.1/lib/ios/bin/templates/ project/www/index.html



```
<html>
  <head>
    <meta charset="utf-8" />
    <meta name="format-detection" content="telephone=no" />
    <meta name="viewport" content="user-scalable=no, initial-scale=1, maximum-scale=1,
minimum-scale=1, width=device-width, height=device-height, target-densitydpi=device-dpi" />
    <link rel="stylesheet" type="text/css" href="css/index.css" />
    <title>Hello World</title>
  </head>
  <body>
    <div class="app">
      <h1>PhoneGap</h1>
      <div id="deviceready" class="blink">
        <p class="event listening">Connecting to Device</p>
        <p class="event received">Device is Ready</p>
      </div>
    </div>
    <script type="text/javascript" src="phonegap.js"></script>
    <script type="text/javascript" src="js/index.js"></script>
    <script type="text/javascript">
      app.initialize();
    </script>
  </body>
</html>
```

Download Zip File: jquery.mobile-1.3.2.zip (JavaScript, CSS, and images)



The screenshot shows a web browser window with the address bar displaying `jquerymobile.com/blog/2013/07/19/announcing-jquery-mobile-1-3-2/#download`. The page content is as follows:

Download

CDN-Hosted JavaScript:

- **Uncompressed:** [jquery.mobile-1.3.2.js](#) (useful for debugging)
- **Minified:** [jquery.mobile-1.3.2.min.js](#) (full library, ready to deploy)

CDN-Hosted CSS:

- **Uncompressed with Default theme:** [jquery.mobile-1.3.2.css](#) (useful for debugging)
- **Minified with Default theme:** [jquery.mobile-1.3.2.min.css](#) (full library, ready to deploy)
- **Uncompressed structure without a theme:** [jquery.mobile-1.3.2.css](#) (useful for theme development)
- **Minified structure without a theme:** [jquery.mobile-1.3.2.min.css](#) (full library, ready to deploy)

Copy-and-Paste Snippet for CDN-hosted files (recommended):

```
<link rel="stylesheet" href="http://code.jquery.com/mobile/1.3.2/jquery.mobile-1.3.2.min.css" />
<script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
<script src="http://code.jquery.com/mobile/1.3.2/jquery.mobile-1.3.2.min.js"></script>
```

ZIP File:

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

- **Zip File:** [jquery.mobile-1.3.2.zip](#) (JavaScript, CSS, and images)

Microsoft CDN hosted jQuery Mobile files:

- <http://www.asp.net/ajaxLibrary/CDN.ashx>

Fork jQuery Mobile on GitHub

<https://github.com/jquery/jquery-mobile>

Change log

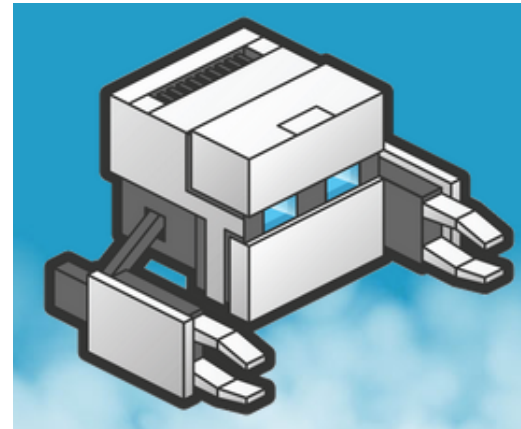
Popup

jQuery: Something went wrong. Please try again.

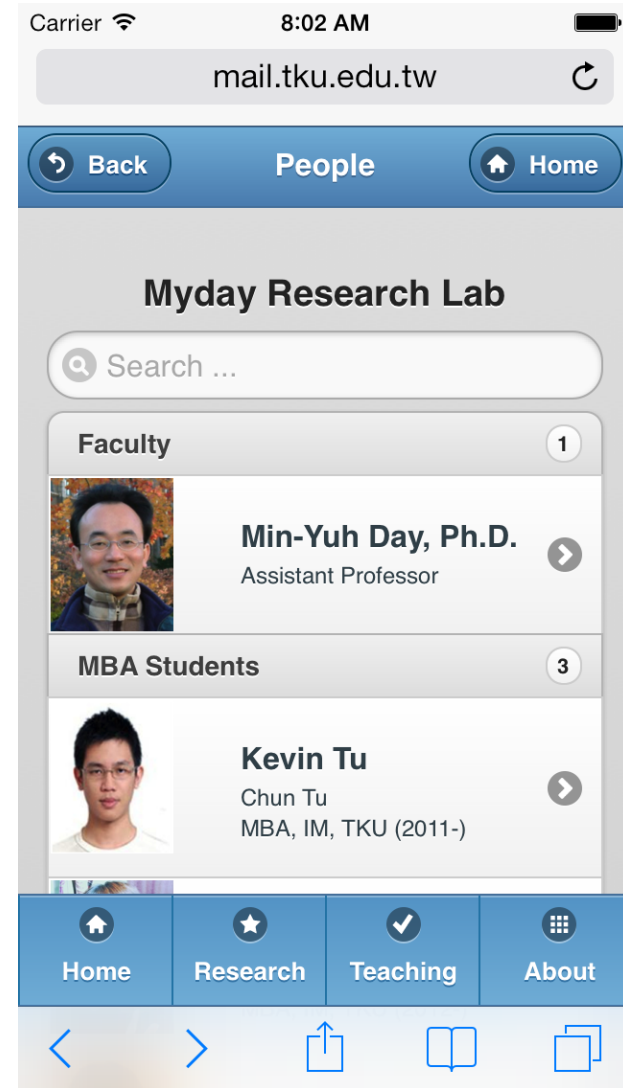
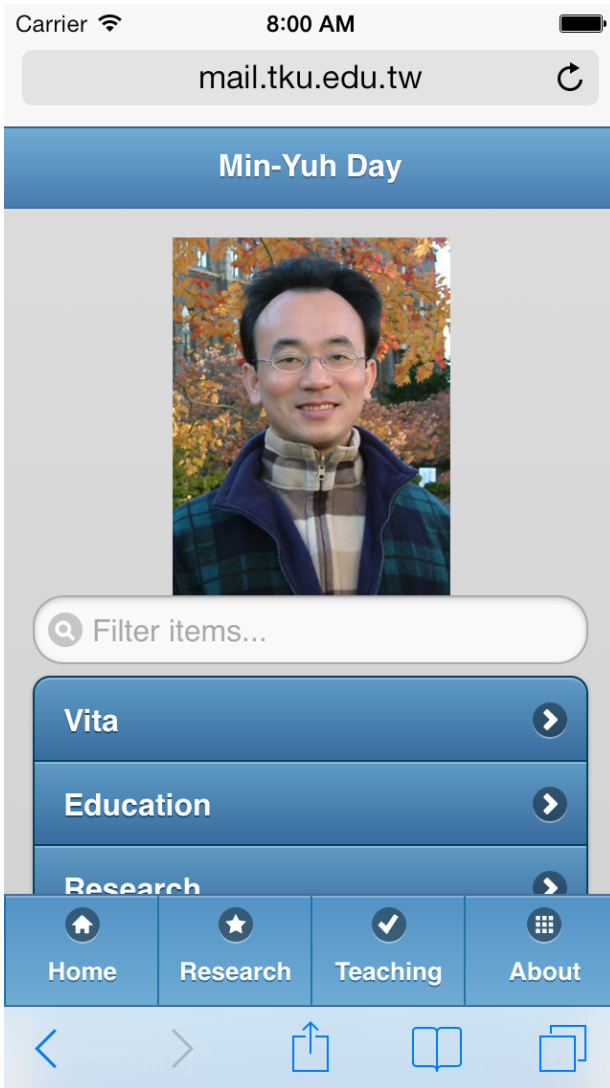
Demo

Create Hybrid Apps with PhoneGap

<https://build.phonegap.com/>



Myday Mobile App -> Hybrid App

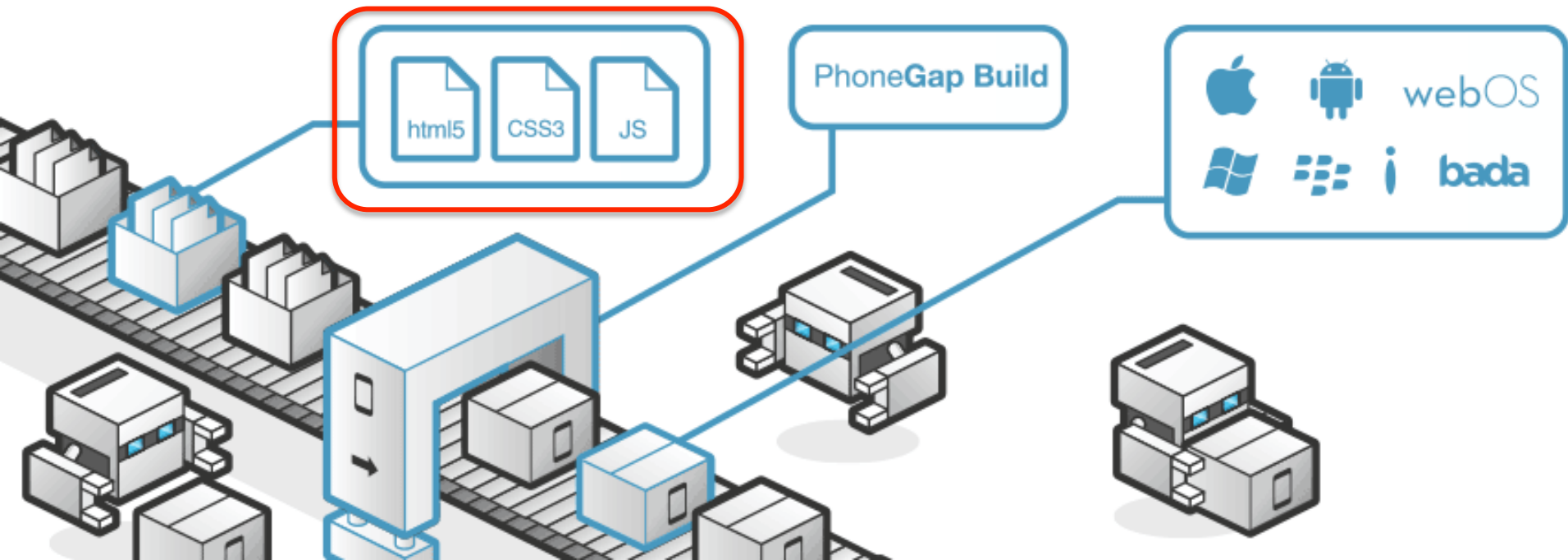


<http://mail.tku.edu.tw/myday/m>

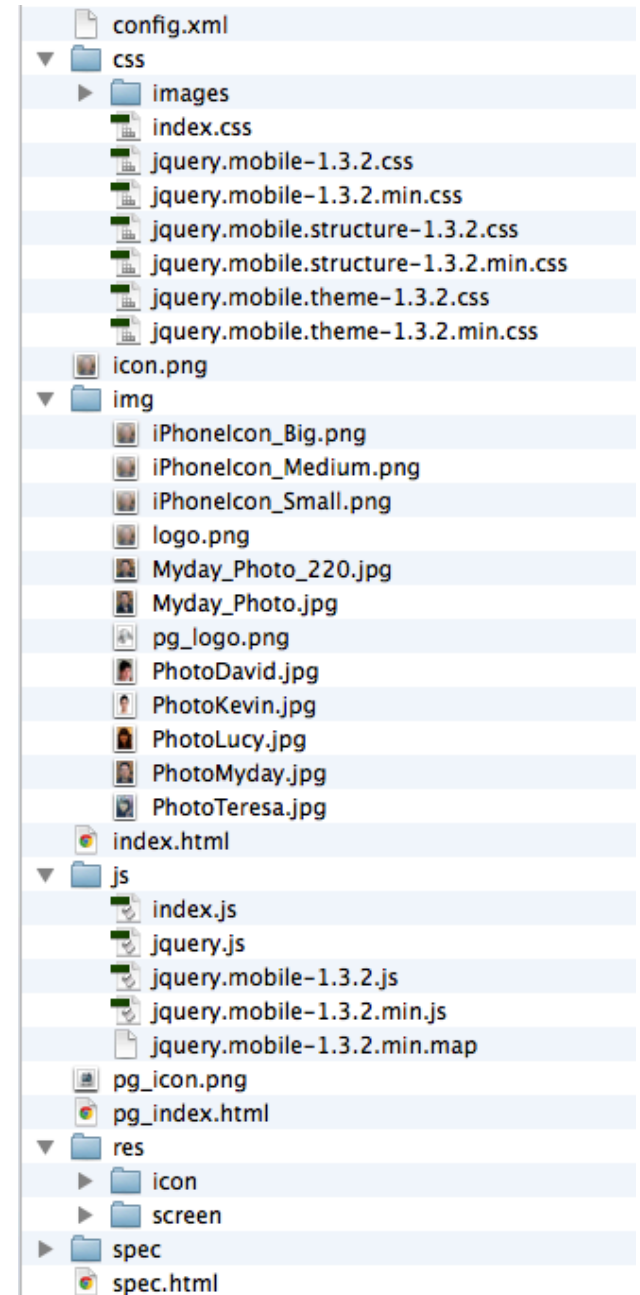
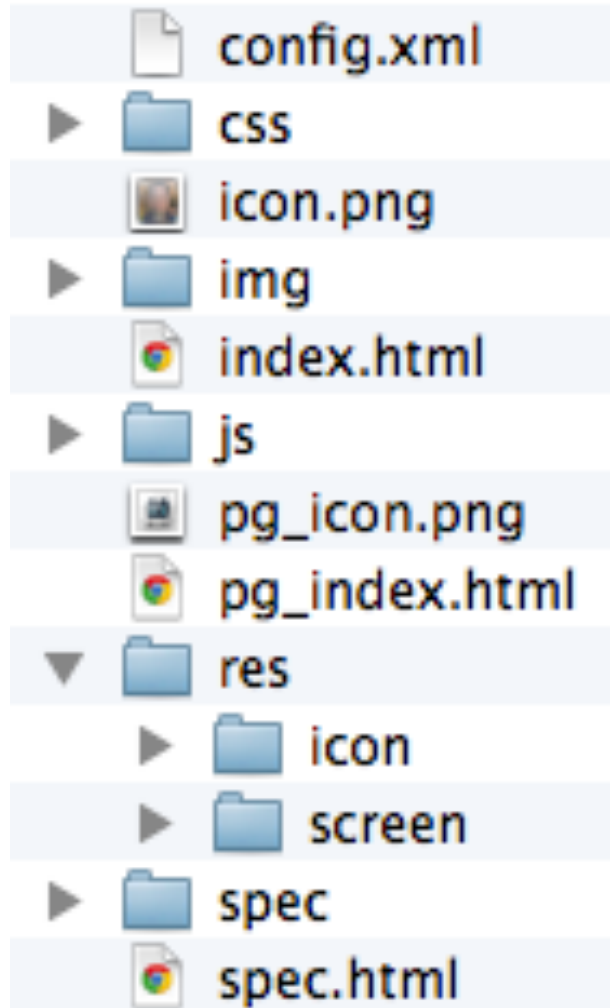
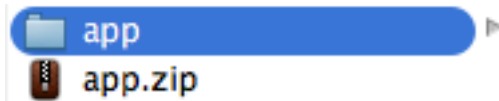


<http://mail.tku.edu.tw/myday/app/>

PhoneGap Build



app.zip

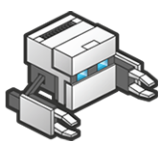


config.xml

config.xml

```
1 <?xml version='1.0' encoding='utf-8'?>
2 <widget id="com.imtku.smap.mydaymobileapp" version="1.0.0" xmlns="http://www.w3.org/ns/widgets" xmlns:gap="http://phonegap.com/ns/1.0">
3   <name>Myday Mobile App</name>
4   <description>
5     Myday Mobile App for Prof. Min-Yuh Day, Department of Information Management, Tamkang University
6   </description>
7   <author email="myday@mail.tku.edu.tw" href="http://mail.tku.edu.tw/myday">
8     Min-Yuh Day
9   </author>
```

```
<?xml version='1.0' encoding='utf-8'?>
<widget id="com.imtku.smap.mydaymobileapp" version="1.0.0" xmlns="http://
www.w3.org/ns/widgets" xmlns:gap="http://phonegap.com/ns/1.0">
  <name>Myday Mobile App</name>
  <description>
    Myday Mobile App for Prof. Min-Yuh Day, Department of Information
Management, Tamkang University
  </description>
  <author email="myday@mail.tku.edu.tw" href="http://mail.tku.edu.tw/myday">
    Min-Yuh Day
  </author>
```



Install PhoneGap

PhoneGap | Install PhoneG x

phonegap.com/install/

PhoneGap About Developer Community Apps Enterprise

[Install](#)

Install PhoneGap

Install

To Install, ensure that you have [NodeJS](#) installed, then open your commandline and run the following:

```
$ sudo npm install -g phonegap
```

Once installation completes, you can invoke **phonegap** on command line for further help.

Usage

```
$ phonegap create my-app  
$ cd my-app  
$ phonegap run android
```

Learn more at docs.phonegap.com

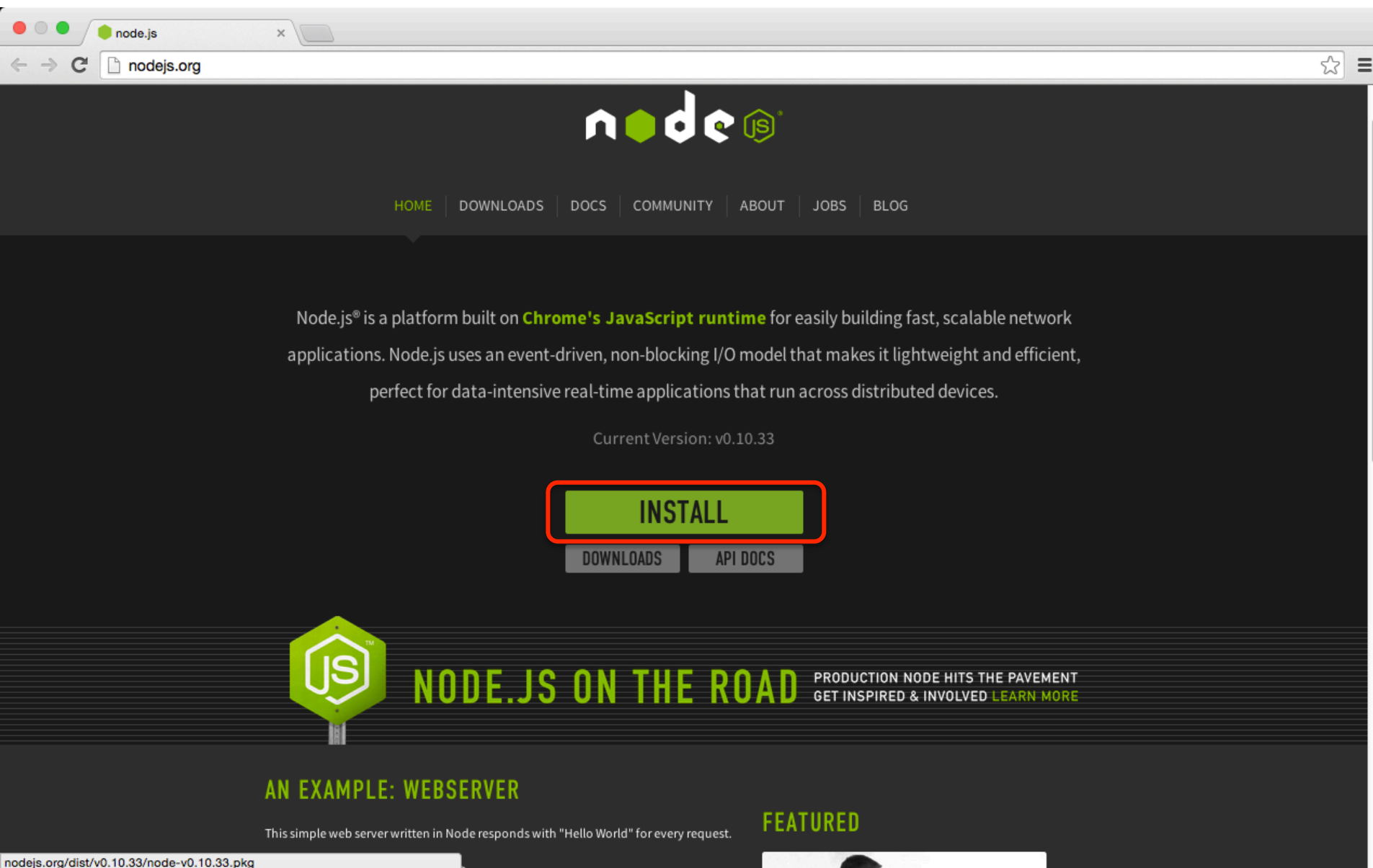
Archives

PhoneGap 2.9.1 Released 05 Nov 2013	PhoneGap 2.9.0 Released 26 Jun 2013	PhoneGap 2.8.1 Released 12 Jun 2013
---	---	---

<http://phonegap.com/install/>



NodeJS



The screenshot shows the Node.js website homepage. At the top, there's a navigation bar with links: HOME, DOWNLOADS, DOCS, COMMUNITY, ABOUT, JOBS, and BLOG. The main content area features a description of Node.js as a platform built on Chrome's JavaScript runtime. Below this, the current version is listed as v0.10.33. A prominent green button labeled 'INSTALL' is highlighted with a red rectangle. Below it are two smaller buttons: 'DOWNLOADS' and 'API DOCS'. Further down, there's a section titled 'NODE.JS ON THE ROAD' with a sub-header 'AN EXAMPLE: WEBSERVER' and a brief description of a simple web server. To the right of this section is a 'FEATURED' section.

node.js

nodejs.org

node

HOME | DOWNLOADS | DOCS | COMMUNITY | ABOUT | JOBS | BLOG

Node.js® is a platform built on **Chrome's JavaScript runtime** for easily building fast, scalable network applications. Node.js uses an event-driven, non-blocking I/O model that makes it lightweight and efficient, perfect for data-intensive real-time applications that run across distributed devices.

Current Version: v0.10.33

INSTALL

DOWNLOADS | API DOCS

NODE.JS ON THE ROAD PRODUCTION NODE HITS THE PAVEMENT
GET INSPIRED & INVOLVED [LEARN MORE](#)

AN EXAMPLE: WEBSERVER

This simple web server written in Node responds with "Hello World" for every request.

FEATURED

nodejs.org/dist/v0.10.33/node-v0.10.33.pkg

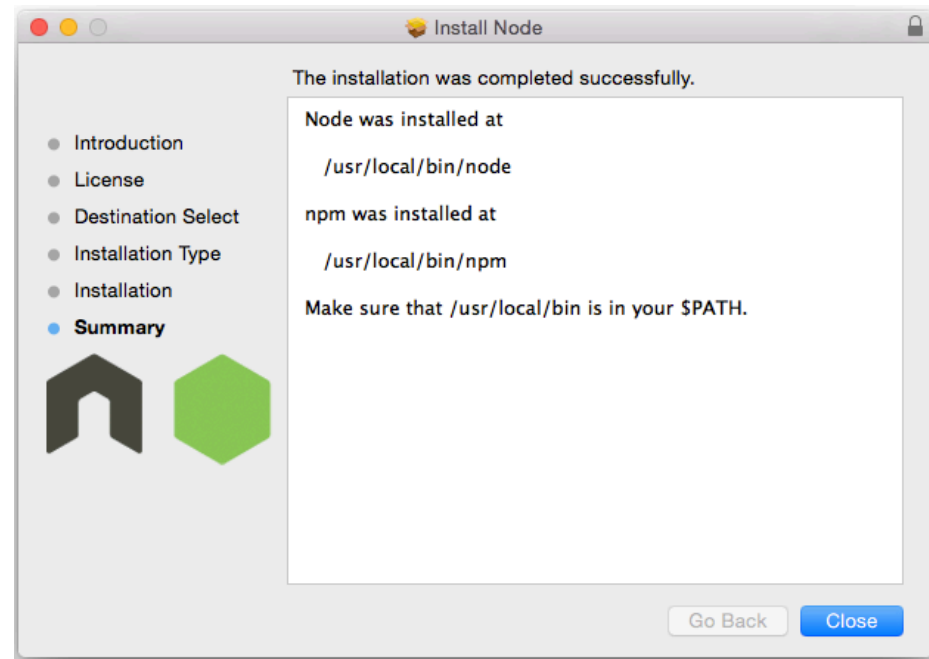
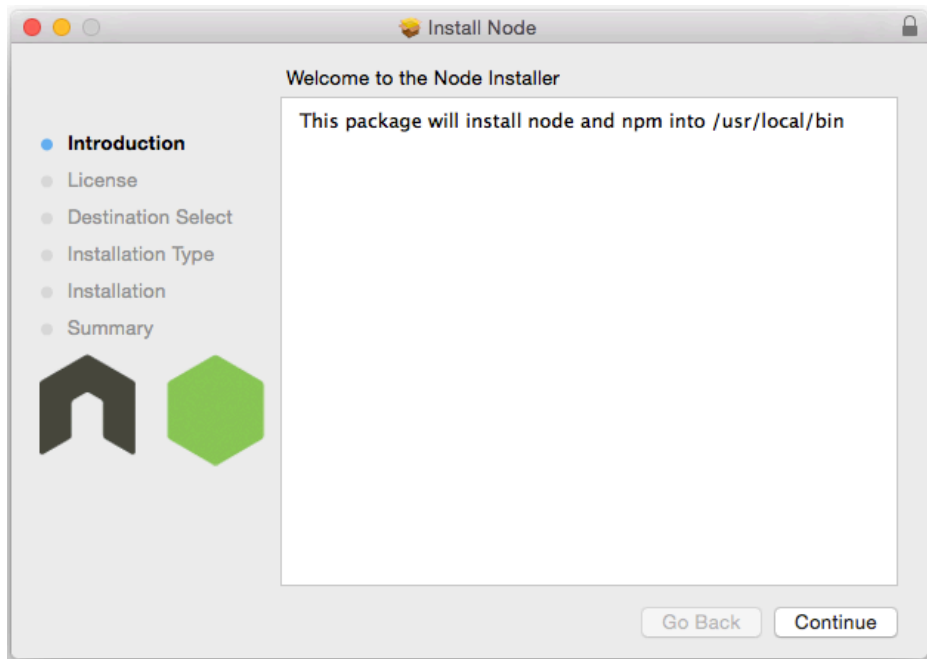


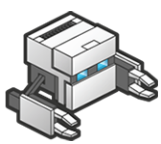
Install NodeJS



node-v0.10.33.pkg

10.2 MB





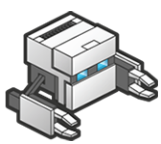
PhoneGape Install

\$ **sudo npm install -g phonegap**

```
npm http 304 https://registry.npmjs.org/bytes/0.1.0
npm http 304 https://registry.npmjs.org/qs/0.5.1
npm http 304 https://registry.npmjs.org/formidable/1.0.11
npm http GET https://registry.npmjs.org/abbrev
npm http GET https://registry.npmjs.org/optimist
npm http GET https://registry.npmjs.org/underscore/1.2.1
npm http GET https://registry.npmjs.org/ini
npm http GET https://registry.npmjs.org/deep-extend
npm http GET https://registry.npmjs.org/fstream
npm http GET https://registry.npmjs.org/commander
npm http GET https://registry.npmjs.org/pegjs/0.6.2
npm http GET https://registry.npmjs.org/node-uuid/1.3.3
npm http 304 https://registry.npmjs.org/underscore/1.2.1
npm http 304 https://registry.npmjs.org/abbrev
npm http 304 https://registry.npmjs.org/ini
npm http 304 https://registry.npmjs.org/deep-extend
npm http 304 https://registry.npmjs.org/optimist
npm http 304 https://registry.npmjs.org/fstream
npm http 304 https://registry.npmjs.org/commander
npm http 304 https://registry.npmjs.org/node-uuid/1.3.3
npm http 304 https://registry.npmjs.org/pegjs/0.6.2
npm http GET https://registry.npmjs.org/wordwrap
npm http GET https://registry.npmjs.org/keypress
npm http GET https://registry.npmjs.org/rimraf
npm http GET https://registry.npmjs.org/inherits
npm http GET https://registry.npmjs.org/mkdirp
npm http GET https://registry.npmjs.org/graceful-fs
npm http 304 https://registry.npmjs.org/wordwrap
npm http 304 https://registry.npmjs.org/keypress
npm http 304 https://registry.npmjs.org/rimraf
npm http 304 https://registry.npmjs.org/inherits
npm http 304 https://registry.npmjs.org/mkdirp
npm http 304 https://registry.npmjs.org/graceful-fs
/usr/local/bin/phonegap -> /usr/local/lib/node_modules/phonegap/bin/phonegap.js
phonegap@3.1.0-0.15.0 /usr/local/lib/node_modules/phonegap
├── colors@0.6.0-1
├── pluralize@0.0.4
├── semver@1.1.0
├── qrterminal@0.9.4
├── shelljs@0.1.4
├── optimist@0.6.0 (minimist@0.0.5, wordwrap@0.0.2)
├── node-static@0.7.0 (colors@0.6.2, mime@1.2.11)
├── prompt@0.2.11 (revalidator@0.1.5, pkginfo@0.3.0, read@1.0.5, winston@0.6.2,
util@0.2.0)
├── phonegap-build@0.8.4 (qrterminal@0.8.0, shelljs@0.0.9, optimist@0.3.7,
phonegap-build-api@0.3.3)
├── cordova@3.1.0-0.1.0 (ncallbacks@1.0.0, colors@0.6.2, open@0.0.3, mime@1.2.11
, follow-redirects@0.0.3, shelljs@0.1.2, xcode@0.5.1, tar@0.1.18, elementtree@0.
1.5, glob@3.2.7, prompt@0.2.7, express@3.0.0, request@2.22.0, npm@1.3.14, plist@
0.4.3, ripple-emulator@0.9.18, plugman@0.13.0)
pc16:development imydays
```



npm (Node Package Manager)



PhoneGape Install

\$ **sudo npm install -g phonegap**

Desktop — bash — 80x24

```
pc248:desktop imyday$ sudo npm install -g phonegap
```

WARNING: Improper use of the sudo command could lead to data loss or the deletion of important system files. Please double-check your typing when using sudo. Type "man sudo" for more information.

To proceed, enter your password, or type Ctrl-C to abort.

Password:

```
npm WARN deprecated deflate-crc32-stream@0.1.2: module has been merged into crc32-stream
```

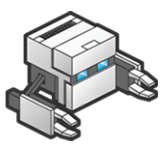
```
> ws@0.4.31 install /usr/local/lib/node_modules/phonegap/node_modules/connect-phonegap/node_modules/socket.io/node_modules/engine.io/node_modules/ws
> (node-gyp rebuild 2> builderror.log) || (exit 0)
```

```
CXX(target) Release/obj.target/bufferutil/src/bufferutil.o
SOLINK_MODULE(target) Release/bufferutil.node
SOLINK_MODULE(target) Release/bufferutil.node: Finished
CXX(target) Release/obj.target/validation/src/validation.o
SOLINK_MODULE(target) Release/validation.node
SOLINK_MODULE(target) Release/validation.node: Finished
```

```
> ws@0.4.31 install /usr/local/lib/node_modules/phonegap/node_modules/connect-ph
```

Desktop — bash — 80x24

```
CXX(target) Release/obj.target/validation/src/validation.o
SOLINK_MODULE(target) Release/validation.node
SOLINK_MODULE(target) Release/validation.node: Finished
/usr/local/bin/phonegap -> /usr/local/lib/node_modules/phonegap/bin/phonegap.js
phonegap@3.6.0-0.21.19 /usr/local/lib/node_modules/phonegap
├─ pluralize@0.0.4
├─ colors@0.6.0-1
├─ semver@1.1.0
├─ minimist@0.1.0
├─ qrcode-terminal@0.9.4
├─ shelljs@0.1.4
├─ phonegap-build@0.8.4 (qrcode-terminal@0.8.0, shelljs@0.0.9, phonegap-build-a
pi@0.3.3, optimist@0.3.7)
├─ prompt@0.2.11 (revalidator@0.1.8, pkginfo@0.3.0, read@1.0.5, winston@0.6.2,
utile@0.2.1)
├─ cordova-lib@0.21.13 (osenv@0.0.3, properties-parser@0.2.3, bplist-parser@0.0
.6, mime@1.2.11, q@0.9.7, semver@2.0.11, unorm@1.3.3, underscore@1.4.4, dep-grap
h@1.1.0, rc@0.3.0, xcode@0.6.7, npmconf@0.1.16, elementtree@0.1.5, glob@3.2.11,
tar@0.1.20, request@2.22.0, npm@1.3.4, plist@1.0.1, cordova-js@3.6.4)
├─ connect-phonegap@0.13.0 (home-dir@0.1.2, connect-inject@0.3.2, ip@0.3.1, mkp
ath@0.1.0, ncp@0.6.0, findit@2.0.0, shelljs@0.2.6, request-progress@0.3.1, node-
static@0.7.0, gaze@0.4.3, localtunnel@1.3.0, tar@0.1.19, request@2.33.0, archive
r@0.10.1, useragent@2.0.8, connect@2.12.0, socket.io@1.0.6)
pc248:desktop imyday$
```



PhoneGape Usage

```
$ phonegap create myapp
```

```
[phonegap] missing library phonegap/www/3.1.0
```

```
[phonegap] downloading https://github.com/phonegap/  
phonegap-app-hello-world/archive/3.1.0.tar.gz...
```

```
[phonegap] created project at /Users/imyday/  
Development/myapp
```

```
$ cd myapp
```

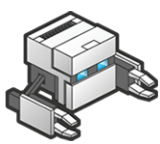
```
$ phonegap run android
```

```
[phonegap] detecting Android SDK environment...
```

```
[phonegap] using the remote environment
```

```
[phonegap] compressing the app...
```

```
[phonegap] uploading the app...
```



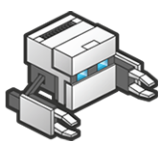
PhoneGap Usage

```
myapp — bash — 100x32

pc248:desktop imyday$ phonegap create myapp
[phonegap] missing library com.phonegap.helloworld/www/3.6.0
[phonegap] downloading https://github.com/phonegap/phonegap-app-hello-world/archive/3.6.0.tar.gz...
[phonegap] create called with the options /Users/imyday/Desktop/myapp com.phonegap.helloworld HelloW
orld
[phonegap] Customizing default config.xml file
[phonegap] created project at /Users/imyday/Desktop/myapp
pc248:desktop imyday$ cd myapp
pc248:myapp imyday$ phonegap run android
[phonegap] detecting Android SDK environment...
[phonegap] using the local environment
[phonegap] adding the Android platform...
npm http GET https://registry.npmjs.org/cordova-android/3.6.3
npm http 200 https://registry.npmjs.org/cordova-android/3.6.3
npm http GET https://registry.npmjs.org/cordova-android/-/cordova-android-3.6.3.tgz
npm http 200 https://registry.npmjs.org/cordova-android/-/cordova-android-3.6.3.tgz

/Users/imyday/.cordova/lib/npm_cache/cordova-android/3.6.3/package/bin/node_modules/q/q.js:126
    throw e;
    ^

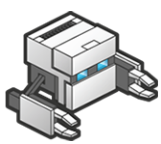
Error: ANDROID_HOME is not set and "android" command not in your PATH. You must fulfill at least one
of these conditions.
    at /Users/imyday/.cordova/lib/npm_cache/cordova-android/3.6.3/package/bin/lib/check_reqs.js:158:
19
    at _fulfilled (/Users/imyday/.cordova/lib/npm_cache/cordova-android/3.6.3/package/bin/node_modul
es/q/q.js:798:54)
    at self.promiseDispatch.done (/Users/imyday/.cordova/lib/npm_cache/cordova-android/3.6.3/package
/bin/node_modules/q/q.js:827:30)
    at Promise.promise.promiseDispatch (/Users/imyday/.cordova/lib/npm_cache/cordova-android/3.6.3/p
ackage/bin/node_modules/q/q.js:760:13)
    at /Users/imyday/.cordova/lib/npm_cache/cordova-android/3.6.3/package/bin/node_modules/q/q.js:82
1:14
```



myapp/

Name	Size	Kind
 config.xml	5 KB	XML text
▶  hooks	--	Folder
▶  platforms	--	Folder
▶  plugins	--	Folder
▶  www	--	Folder

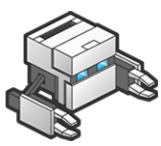
Macintosh HD ▶ Users ▶ imyday ▶ Desktop ▶ myapp



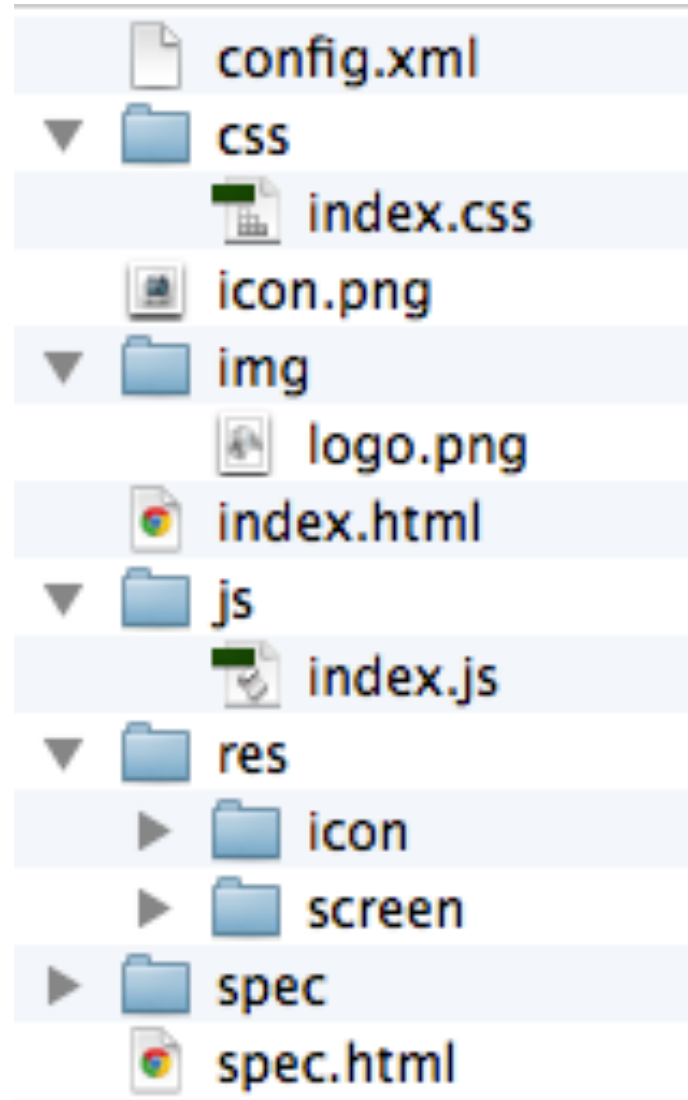
myapp/www/

Name	Size	Kind
▼  css	--	Folder
 index.css	4 KB	CSS
 icon.png	11 KB	PNG image
▼  img	--	Folder
 logo.png	30 KB	PNG image
 index.html	2 KB	HTML text
▼  js	--	Folder
 index.js	2 KB	JavaScript
▶  res	--	Folder
▶  spec	--	Folder
 spec.html	3 KB	HTML text

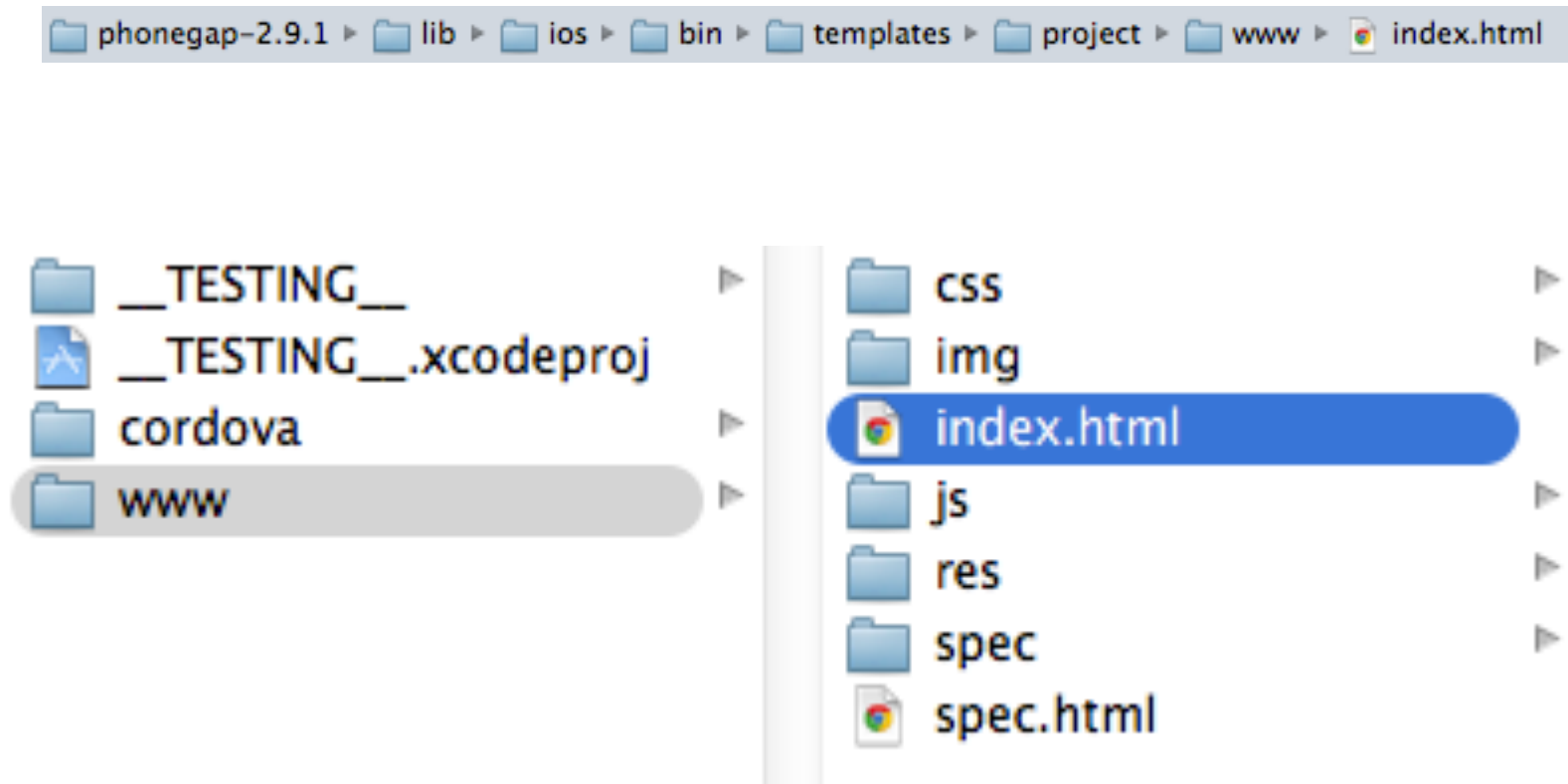
Macintosh HD ▶ Users ▶ imyday ▶ Desktop ▶ myapp ▶ www



myapp/www/



phonegap-2.9.1/lib/ios/bin/templates/ project/www/index.html



```
<html>
  <head>
    <meta charset="utf-8" />
    <meta name="format-detection" content="telephone=no" />
    <meta name="viewport" content="user-scalable=no, initial-scale=1, maximum-scale=1,
minimum-scale=1, width=device-width, height=device-height, target-densitydpi=device-dpi" />
    <link rel="stylesheet" type="text/css" href="css/index.css" />
    <title>Hello World</title>
  </head>
  <body>
    <div class="app">
      <h1>PhoneGap</h1>
      <div id="deviceready" class="blink">
        <p class="event listening">Connecting to Device</p>
        <p class="event received">Device is Ready</p>
      </div>
    </div>
    <script type="text/javascript" src="phonegap.js"></script>
    <script type="text/javascript" src="js/index.js"></script>
    <script type="text/javascript">
      app.initialize();
    </script>
  </body>
</html>
```

index.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>
    <!--PhoneGap-->
    <link rel="stylesheet" type="text/css" href="css/index.css" />
    <script type="text/javascript" src="phonegap.js"></script>
    <script type="text/javascript" src="js/index.js"></script>
    <!--/PhoneGap-->
    <script type="text/javascript">
      app.initialize();
    </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>
      </div>
    </div>
  </body>
</html>
```

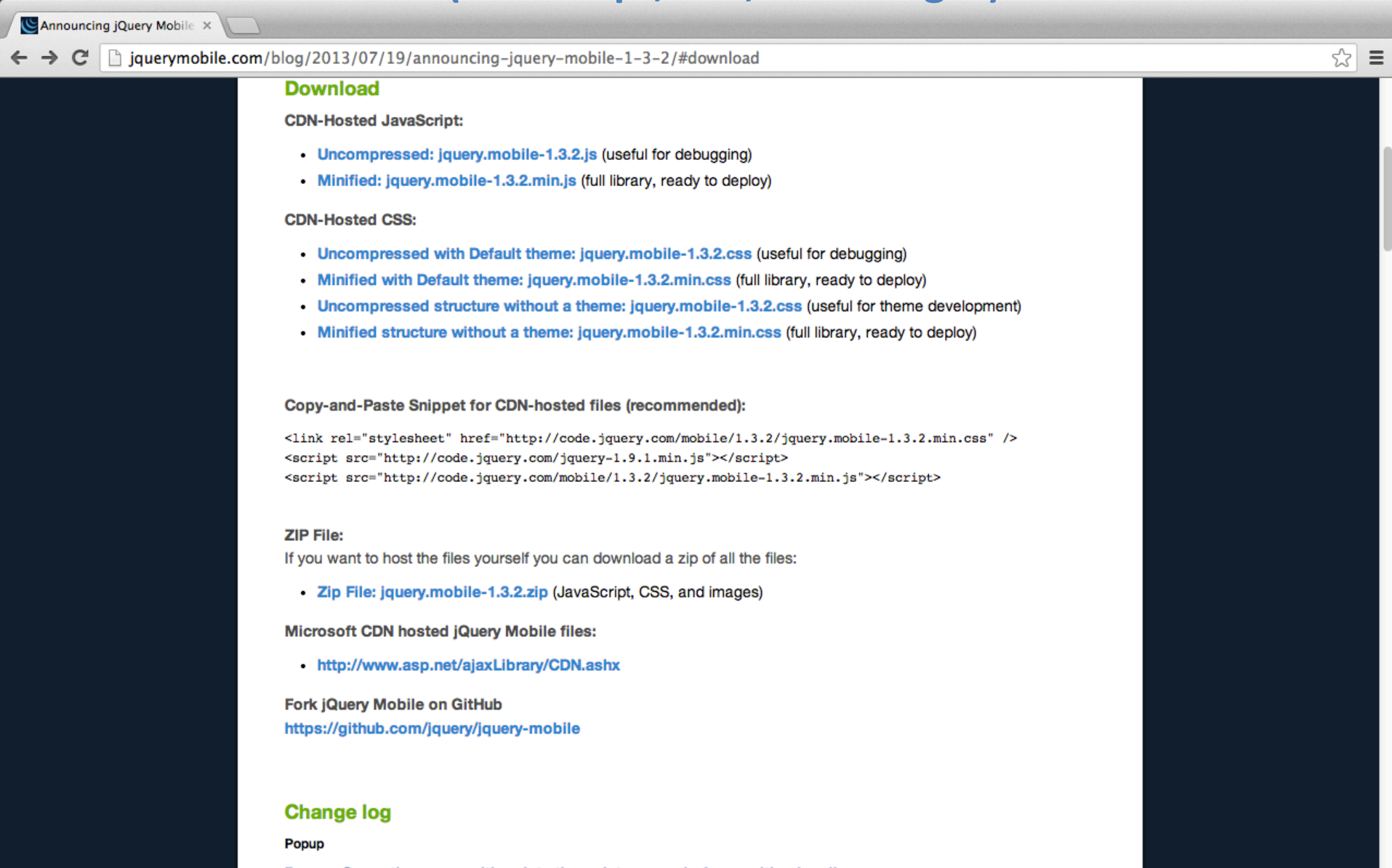
index.html

```
<!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>
    <!--PhoneGap-->
    <link rel="stylesheet" type="text/css" href="css/index.css" />
    <script type="text/javascript" src="phonegap.js"></script>
    <script type="text/javascript" src="js/index.js"></script>
    <!--/PhoneGap-->
    <script type="text/javascript">
      app.initialize();
    </script>
  </head>
```

js/index.js

```
index.js  x
19  var app = {
20      // Application Constructor
21      initialize: function() {
22          this.bindEvents();
23      },
24      // Bind Event Listeners
25      //
26      // Bind any events that are required on startup. Common events are:
27      // 'load', 'deviceready', 'offline', and 'online'.
28      bindEvents: function() {
29          document.addEventListener('deviceready', this.onDeviceReady, false);
30      },
31      // deviceready Event Handler
32      //
33      // The scope of 'this' is the event. In order to call the 'receivedEvent'
34      // function, we must explicitly call 'app.receivedEvent(...)';
35      onDeviceReady: function() {
36          app.receivedEvent('deviceready');
37      },
38      // Update DOM on a Received Event
39      receivedEvent: function(id) {
40          var parentElement = document.getElementById(id);
41          var listeningElement = parentElement.querySelector('.listening');
42          var receivedElement = parentElement.querySelector('.received');
43
44          listeningElement.setAttribute('style', 'display:none;');
45          receivedElement.setAttribute('style', 'display:block;');
46
47          console.log('Received Event: ' + id);
48      }
49  };
```

Download Zip File: jquery.mobile-1.3.2.zip (JavaScript, CSS, and images)



The screenshot shows a web browser window with the address bar displaying `jquerymobile.com/blog/2013/07/19/announcing-jquery-mobile-1-3-2/#download`. The page content is titled "Download" in green. It lists CDN-hosted JavaScript and CSS files, a copy-and-paste snippet for CDN-hosted files, a ZIP file download link, and a link to the Microsoft CDN. At the bottom, there is a "Change log" section and a "Popup" section.

Download

CDN-Hosted JavaScript:

- **Uncompressed:** [jquery.mobile-1.3.2.js](#) (useful for debugging)
- **Minified:** [jquery.mobile-1.3.2.min.js](#) (full library, ready to deploy)

CDN-Hosted CSS:

- **Uncompressed with Default theme:** [jquery.mobile-1.3.2.css](#) (useful for debugging)
- **Minified with Default theme:** [jquery.mobile-1.3.2.min.css](#) (full library, ready to deploy)
- **Uncompressed structure without a theme:** [jquery.mobile-1.3.2.css](#) (useful for theme development)
- **Minified structure without a theme:** [jquery.mobile-1.3.2.min.css](#) (full library, ready to deploy)

Copy-and-Paste Snippet for CDN-hosted files (recommended):

```
<link rel="stylesheet" href="http://code.jquery.com/mobile/1.3.2/jquery.mobile-1.3.2.min.css" />
<script src="http://code.jquery.com/jquery-1.9.1.min.js"></script>
<script src="http://code.jquery.com/mobile/1.3.2/jquery.mobile-1.3.2.min.js"></script>
```

ZIP File:

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

- **Zip File:** [jquery.mobile-1.3.2.zip](#) (JavaScript, CSS, and images)

Microsoft CDN hosted jQuery Mobile files:

- <http://www.asp.net/ajaxLibrary/CDN.ashx>

Fork jQuery Mobile on GitHub

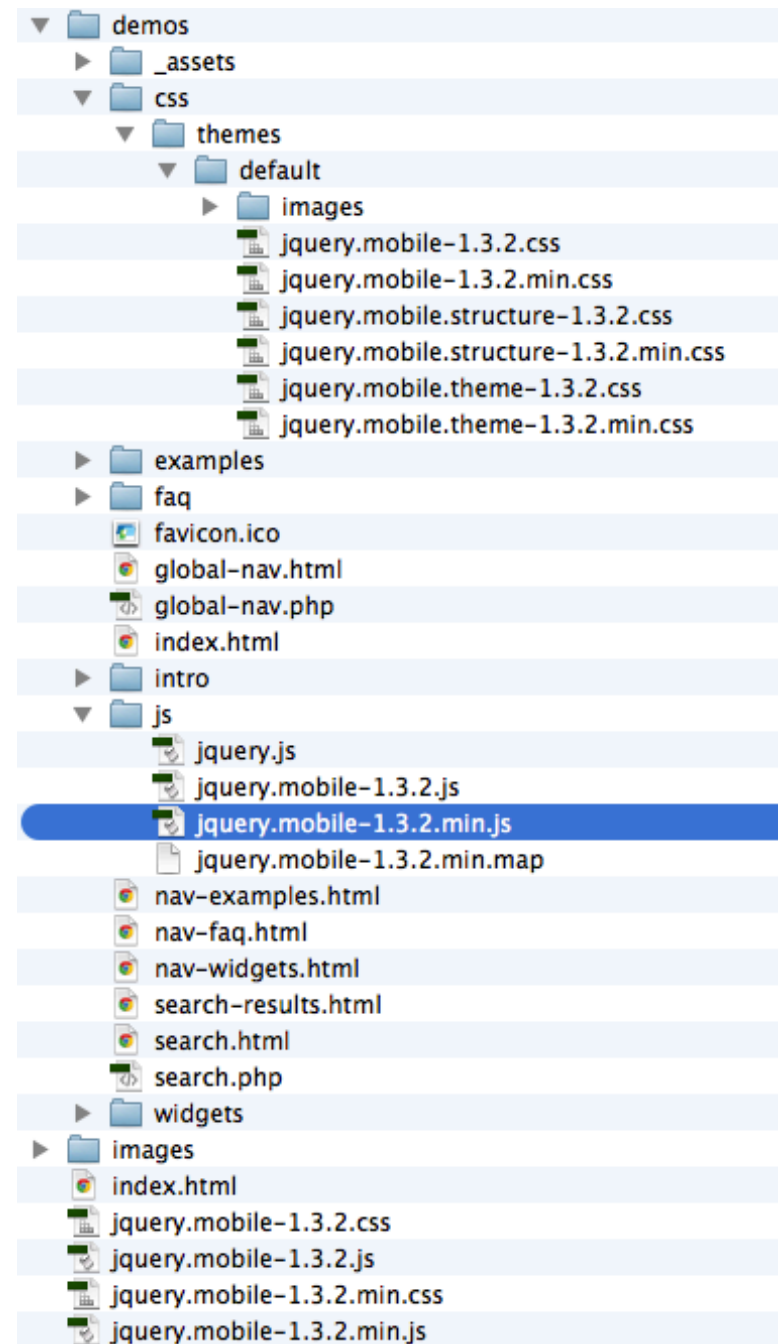
<https://github.com/jquery/jquery-mobile>

Change log

Popup

jQuery: Something new, something different, something to make your life easier.

jquery.mobile-1.3.2



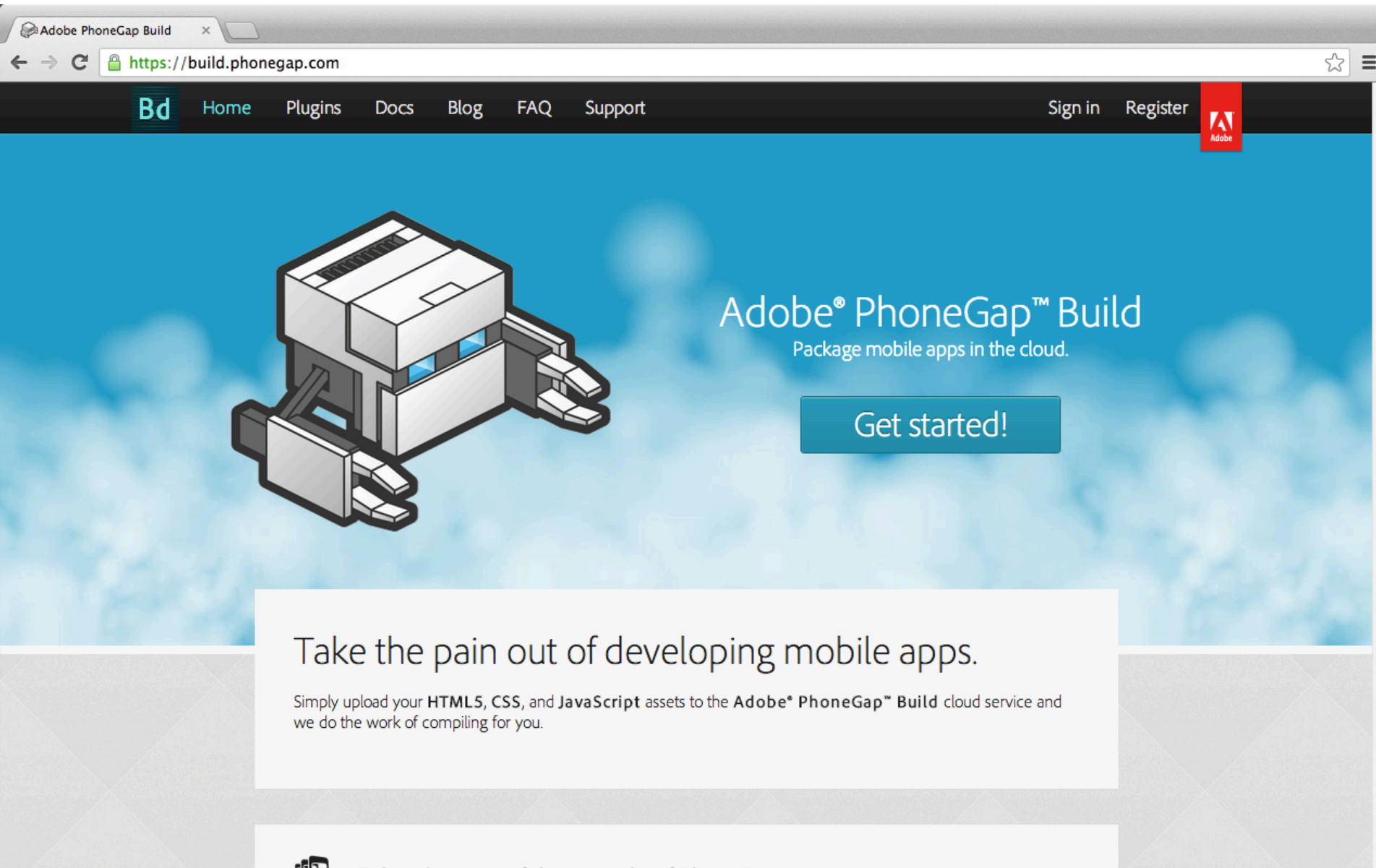
index.html

```
<!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="js/jquery.js"></script>
    <link type="text/css" href="css/jquery.mobile-1.3.2.min.css" rel="stylesheet" />
    <script type="text/javascript" src="js/jquery.mobile-1.3.2.min.js"></script>
    <!--PhoneGap-->
    <link rel="stylesheet" type="text/css" href="css/index.css" />
    <!--
    <script type="text/javascript" src="phonegap.js"></script>
    -->
    <script type="text/javascript" src="js/index.js"></script>
    <!--/PhoneGap-->

    <script type="text/javascript">
      app.initialize();
    </script>

  </head>
```

PhoneGap Build

A screenshot of the Adobe PhoneGap Build website. The browser's address bar shows the URL 'https://build.phonegap.com'. The website's navigation bar includes links for 'Home', 'Plugins', 'Docs', 'Blog', 'FAQ', and 'Support', along with 'Sign in' and 'Register' buttons. The Adobe logo is in the top right corner. The main content area features a 3D illustration of a white and grey robotic printer on the left. To its right, the text 'Adobe® PhoneGap™ Build' is displayed, followed by the tagline 'Package mobile apps in the cloud.' and a large teal 'Get started!' button. Below this, a white box contains the text 'Take the pain out of developing mobile apps.' and a paragraph explaining the service: 'Simply upload your HTML5, CSS, and JavaScript assets to the Adobe® PhoneGap™ Build cloud service and we do the work of compiling for you.'

<https://build.phonegap.com/>

PhoneGap Build

Adobe PhoneGap Build x

← → ↻ <https://build.phonegap.com/plans/paid> ☆ ☰

Bd Home Plugins Docs Blog FAQ Support Sign in Register 

Complete your registration

1. Create your account

Sign In

Adobe ID (Email Address)

Password

☐ Stay signed in [Trouble signing in?](#)

Create an Adobe ID

Sign In

Paid Plan [change](#)

25 private apps
unlimited open-source apps
unlimited collaborators

PhoneGap Build

Adobe PhoneGap Build

← → ↺ <https://build.phonegap.com/plans/free> ☆ ☰

Bd

Apps Plugins Docs Blog FAQ Support

⌵ 

Create your account

Choose how you would like to sign in to PhoneGap Build.

Adobe ID





Includes **Adobe Creative Cloud** free membership with 2GB of storage and access to Adobe Edge Tools & Services and more. [Learn more](#)

Github



Free Plan [change](#)

1 private apps
unlimited open-source apps
unlimited collaborators

Language:

English

Navigation

Apps
Plugins
Docs

Powered by Adobe® PhoneGap™

 [Find out more](#)

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PhoneGap Build

The screenshot shows the Adobe PhoneGap Build web interface in a browser. The address bar displays <https://build.phonegap.com/apps/573842/builds>. The interface includes a top navigation bar with 'Bd', 'Apps', and 'Plug' tabs. A sidebar on the left contains a 'Feedback' button and a 'New source' dialog box. The main content area features a file explorer with a 'FAVORITES' sidebar listing locations like Dropbox, All My Files, Applications, Desktop, Documents, Downloads, Movies, Music, Pictures, and imyday. The 'DEVICES' sidebar lists 'iMyday's MacBook Pro' and 'Macintosh HD'. The file list shows a directory structure with files like 'app.zip', 'certificate', 'index.htm', 'cscim2011', 'doc', 'googlee54...0f64e.html', 'images', 'm', 'news', 'nu3', 'photos', 'publications', 'resources', 'slides', 'teaching', and 'teachinga.htm'. A detailed view of 'app.zip' is shown on the right, including its name, kind (Zip), size (2.4 MB), and creation/modification dates. A 'Choose File' button is visible in the 'New source' dialog. The bottom of the interface displays a grid of device build options, each with a 'Rebuild' button and a status indicator (e.g., 'No key selected', 'Error', or a specific package type like 'apk', 'xap', 'ipk', 'wgz').

Adobe PhoneGap Build

Min-Yuh Day

<https://build.phonegap.com/apps/573842/builds>

Bd Apps Plug

Feedback

New source

Choose File No file chosen

Please note this is a new source. We won't keep a copy of your old code.

Cancel Upload

FAVORITES

- Dropbox
- All My Files
- Applications
- Desktop
- Documents
- Downloads
- Movies
- Music
- Pictures
- imyday

DEVICES

- iMyday's MacBook Pro
- Macintosh HD

app

- app.zip
- certificate
- index.htm
- cscim2011
- doc
- googlee54...0f64e.html
- images
- index.htm
- m
- news
- nu3
- photos
- publications
- resources
- slides
- teaching
- teachinga.htm

ZIP

Name app.zip

Kind Zip

Size 2.4 MB

Created 今天 上午05:51

Modified 今天 上午05:51

Last opened 今天 上午05:51

Cancel Open

Rebuild Error

No key selected

Rebuild apk

Rebuild xap

Rebuild ipk

Rebuild Error

Rebuild wgz



Update code



Rebuild all

New source

Choose File appzip

Please note this is a destructive action.
We won't keep a copy of your old code.

Cancel

Upload

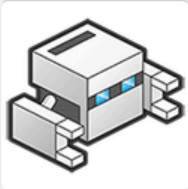
Adobe PhoneGap Build

← → ↻ <https://build.phonegap.com/apps/573842/builds> ☆ ☰

Bd Apps Plugins Docs Blog FAQ Support

Adobe

Your application has updated and a build has been queued



Myday Mobile App

Myday Mobile App for Prof. Min-Yuh Day, Department of Information Management, Tamkang University



Install

Update code Rebuild all

Builds

Plugins

Collaborators

Settings

App ID	Version	PhoneGap	Owned by	Last built (18)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	1 minute	zip package

ios

No key selected

Rebuild

Error

No key selected

Rebuild

apk

Rebuild

xap

No key selected

Rebuild

OTA install

Rebuild

ipk

Rebuild

wgz

Feedback

<https://build.phonegap.com/apps/573842/builds>

73

Adobe PhoneGap Build

← → ↻ <https://build.phonegap.com/apps/573842/install> ☆ ☰

Bd Apps Plugins Docs Blog FAQ Support

Install Myday Mobile App 1.0.0

Feedback

android apk

BlackBerry OTA install

symbian wgz

webOS ipk

Windows Phone xap

Language: English

Navigation

Apps

Plugins

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Find out more

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<https://build.phonegap.com/apps/573842/install>

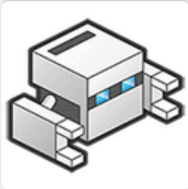
Adobe PhoneGap Build

← → ↻ <https://build.phonegap.com/apps/573842/settings> ☆ ☰

Bd Apps Plugins Docs Blog FAQ Support

▾ 👤 Adobe

Your application has updated and a build has been queued



Myday Mobile App

Myday Mobile App for Prof. Min-Yuh Day, Department of Information Management, Tamkang University



 Install 

 Update code  Rebuild all

 Builds  Plugins  Collaborators  Settings

Basic

Source code

 Choose File No file chosen  Upload

Settings

 ☐ Enable debugging  ☐ Enable Hydration  ☒ Only approved collaborators (listed below) can download this app

<https://build.phonegap.com/apps/573842/settings>

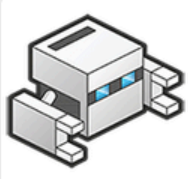
Adobe PhoneGap Build

← → ↻ <https://build.phonegap.com/apps/573842/settings> ☆ ☰

Configuration

Your application's details are bound to the `config.xml` file in your application package. To edit these details, change that file and push it back up to us.

icon file (.png)



Choose File No file chosen

app title

Myday Mobile App

package

com.imtku.smap.mydaymobileapp

version

1.0.0

Configuration

2.9.0 ▾

description

Myday Mobile App for Prof. Min-Yuh Day, Department of Information Management, Tamkang University

Feedback

Adobe PhoneGap Build

← → ↻ <https://build.phonegap.com/apps/573842/settings> ☆ ☰

 Choose File No file chosen

app title

Myday Mobile App

package

com.imtku.smap.mydaymobileapp

version

1.0.0

Configuration

2.9.0 ▾

description

Myday Mobile App for Prof. Min-Yuh Day, Department of Information Management, Tamkang University

Danger Zone

 Delete this app

Feedback

<https://build.phonegap.com/apps/573842/settings>

Adobe PhoneGap Build

← → ↺

https://build.phonegap.com/apps/573842/builds

☆

☰

Bd

Apps

Plugins

Docs

Blog

FAQ

Support

▼

Myday Mobile App

Myday Mobile App for Prof. Min-Yuh Day, Department of Information Management, Tamkang University

Install

Update code

Rebuild all

☰ Builds

Plugins

Collaborators

Settings

App ID	Version	PhoneGap	Owned by	Last built (18)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	8 minutes	zip package

ios

No key selected ▼

Error

No key selected ▼

apk

xap

No key selected ▼

OTA install

ipk

wgz

Feedback

Adobe PhoneGap Build

← → ↺

https://build.phonegap.com/apps/573842/builds

☆

☰

Bd

Apps

Plugins

Docs

Blog

FAQ

Support

▼

Myday Mobile App

Myday Mobile App for Prof. Min-Yuh Day, Department of Information Management, Tamkang University

Install

Update code

Rebuild all

☰ Builds

Plugins

Collaborators

Settings

App ID	Version	PhoneGap	Owned by	Last built (18)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	8 minutes	zip package

ios

options

✓ No key selected
add a key ...

Rebuild

Error

No key selected

Rebuild

apk

Rebuild

xap

No key selected

Rebuild

OTA install

Rebuild

ipk

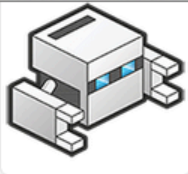
No key selected

Rebuild

wgt

Adobe PhoneGap Build

← → ↻ <https://build.phonegap.com/apps/573842/builds> ☆ ☰



Myday Mobile App

Myday Mobile App for Prof. Min-Yuh Day, Department of Information Management, Tamkang University



Install

Update code

Rebuild all

Builds

Plugins

Collaborators

Settings

App ID	Version	PhoneGap	Owned by	Last built (18)	Source
573842	1.0.0	2.9.0	imyday@gmail.com	8 minutes	zip package

ios

No key selected

Rebuild

Error

Android

No key selected

Rebuild

apk

Windows

No key selected

Rebuild

OTA install

BlackBerry

No key selected

Rebuild

wgz

title

certificate (p12) file

Choose File

No file chosen

provisioning profile

Choose File

No file chosen

cancel

submit key

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 Find out more

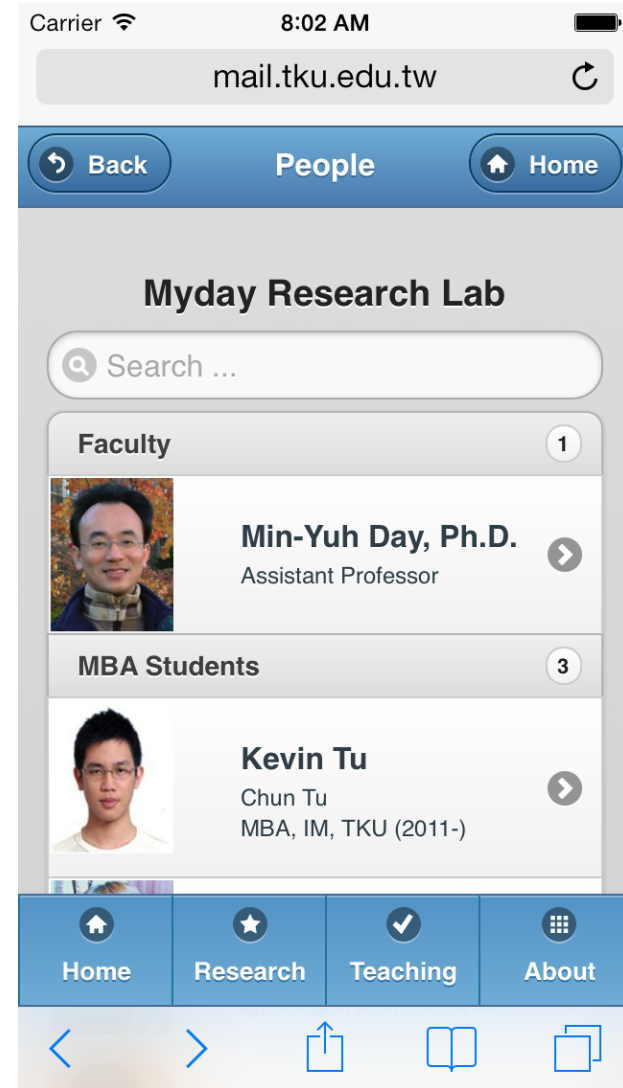
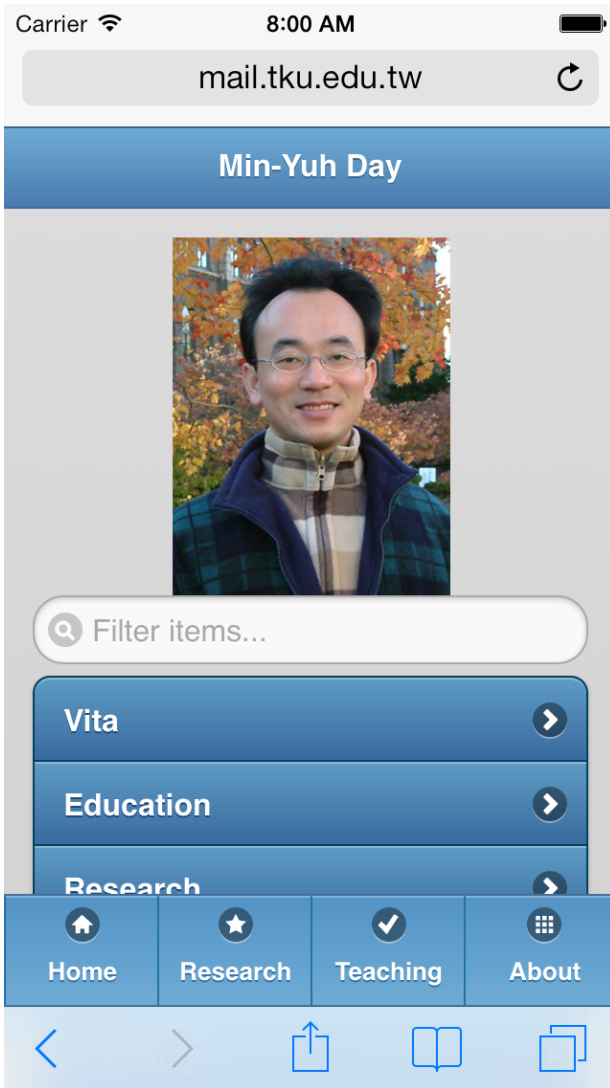
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Feedback

Myday Mobile App -> Hybrid App

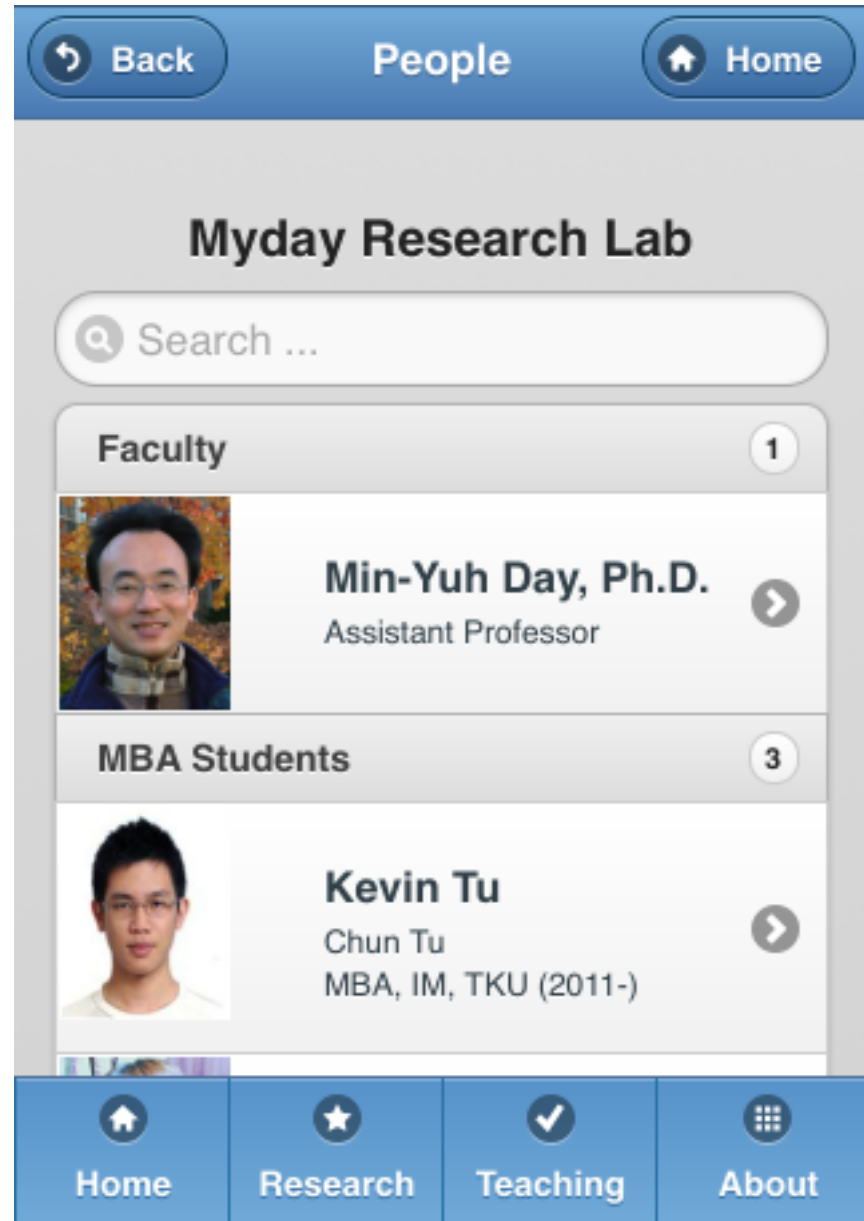
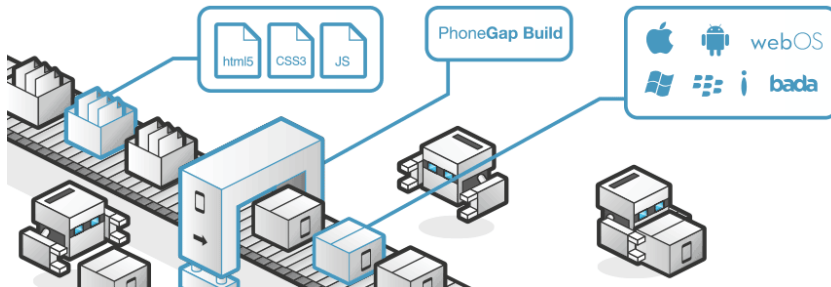
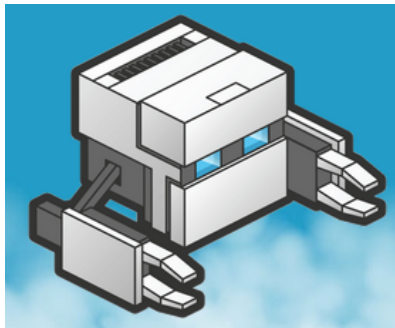


<http://mail.tku.edu.tw/myday/m>



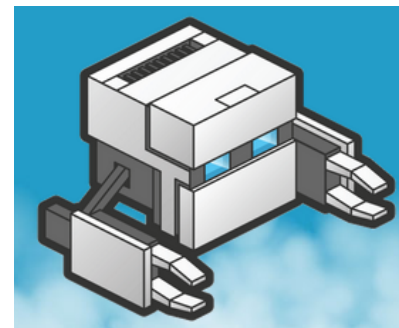
<http://mail.tku.edu.tw/myday/app/>

Create Hybrid Apps with PhoneGap



Summary

- PhoneGap
 - PhoneGap
 - PhoneGap Build
 - index.html, css, js
 - config.xml
 - PhoneGap, jQuery Mobile
- Demo
 - Create Hybrid Apps with PhoneGap



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