移动设备的特性:

设备传感器
联系人信息
地理定位
拍照、摄影
震动、响铃提醒

移动设备的市场分布：

Pie chart legend:
- iPhone — 29%
- iPad — 19%
- Laptop/Notebook — 17%
- Macbook — 9%
- Android OS smartphone — 8%
- BlackBerry smartphone — 8%
- Other (please specify) — 4%
- Other tablet — 2%
- Nokia Symbian smartphone — 2%
- Netbook — 1%
- Windows Phone 7 smartphone — 1%
- Palm Pre smartphone — 0%
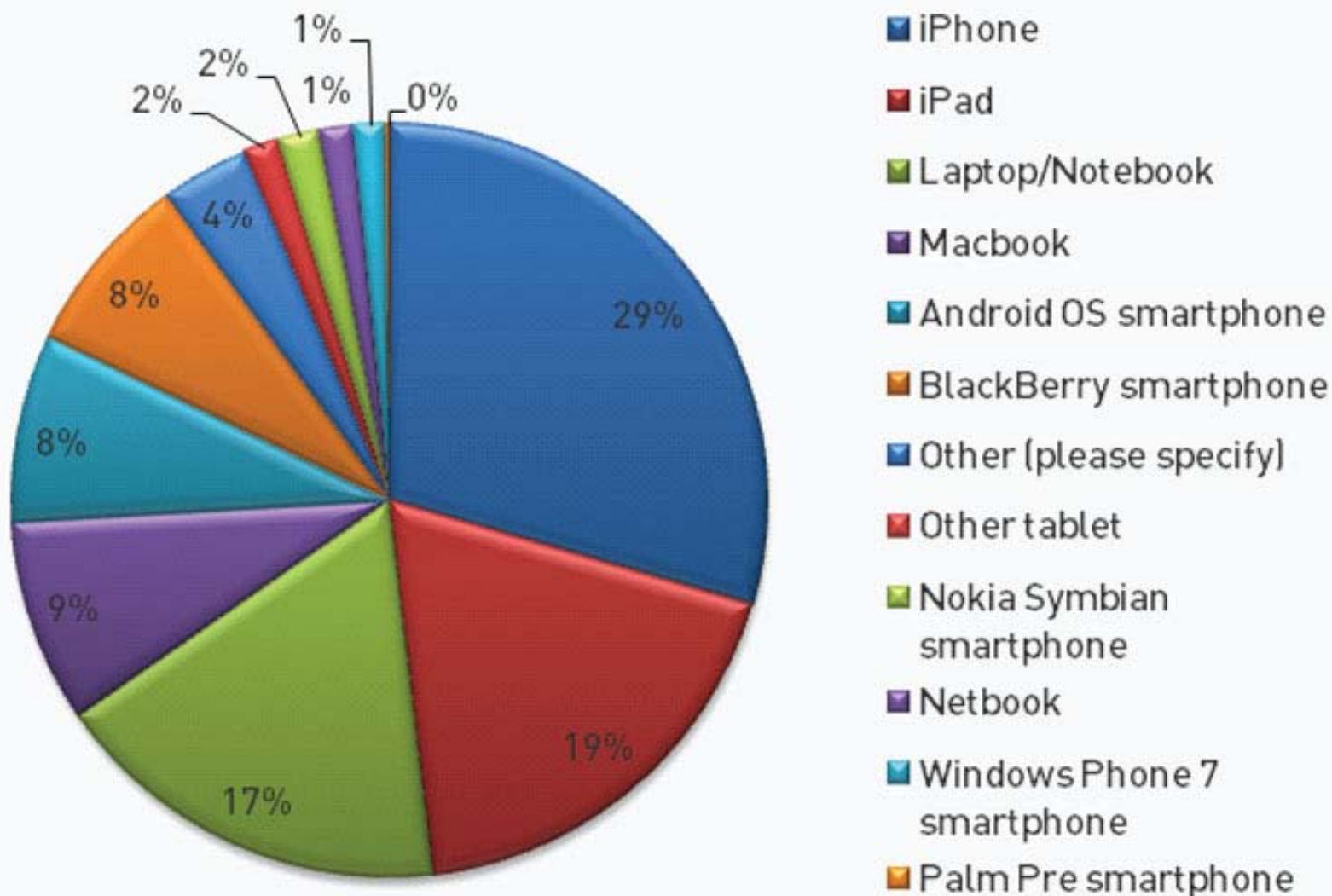
开发Android应用需要:

Android SDK

JDK

Eclipse

开发iOS应用需要：

Mac OS

iOS SDK

Xcode

更多其它平台。。。

WebOS
Bada
BlackBerry
Symbia

Native App

门槛高
成本大
性能好
依赖平台运行
调用设备 API

Native App

门槛高
成本大
性能好
依赖平台运行
调用设备 API

Web App

低门槛
高效率
性能一般
极大的平台覆盖率
极有限的设备API

Bridging the **gap** between web and mobile device

PhoneGap

HTML5   JavaScript

App development
usign HTML5 and
JavaScript

Phone**Gap**

Access to native
APIs with
phoneGap

Hassle-free
Deploy the app
on any device

https://github.com/phonegap/
http://www.phonegap.com/

HTML5

语义化标记
复杂的样式控制
离线应用
图形绘制
媒体播放

PhoneGap API

Accelerometer	Tap into the device's motion sensor.
Camera	Capture a photo using the device's camera.
Capture	Capture media files using device's media capture applications.
Compass	Obtain the direction that the device is pointing.
Connection	Quickly check the network state, and cellular network information.
Contacts	Work with the devices contact database.
Device	Gather device specific information.
Events	Hook into native events through JavaScript.
File	Hook into native file system through JavaScript.
Geolocation	Make your application location aware.
Media	Record and play back audio files.
Notification	Visual, audible, and tactile device notifications.
Storage	Hook into the devices native storage options.

PhoneGap开发准备

安装Google Chrome浏览器

PhoneGap开发准备

安装Google Chrome浏览器

安装Ripple插件 (Mobile Web Emulator)

PhoneGap debug

Acceleration X: -0.26
Acceleration Y: 0.77
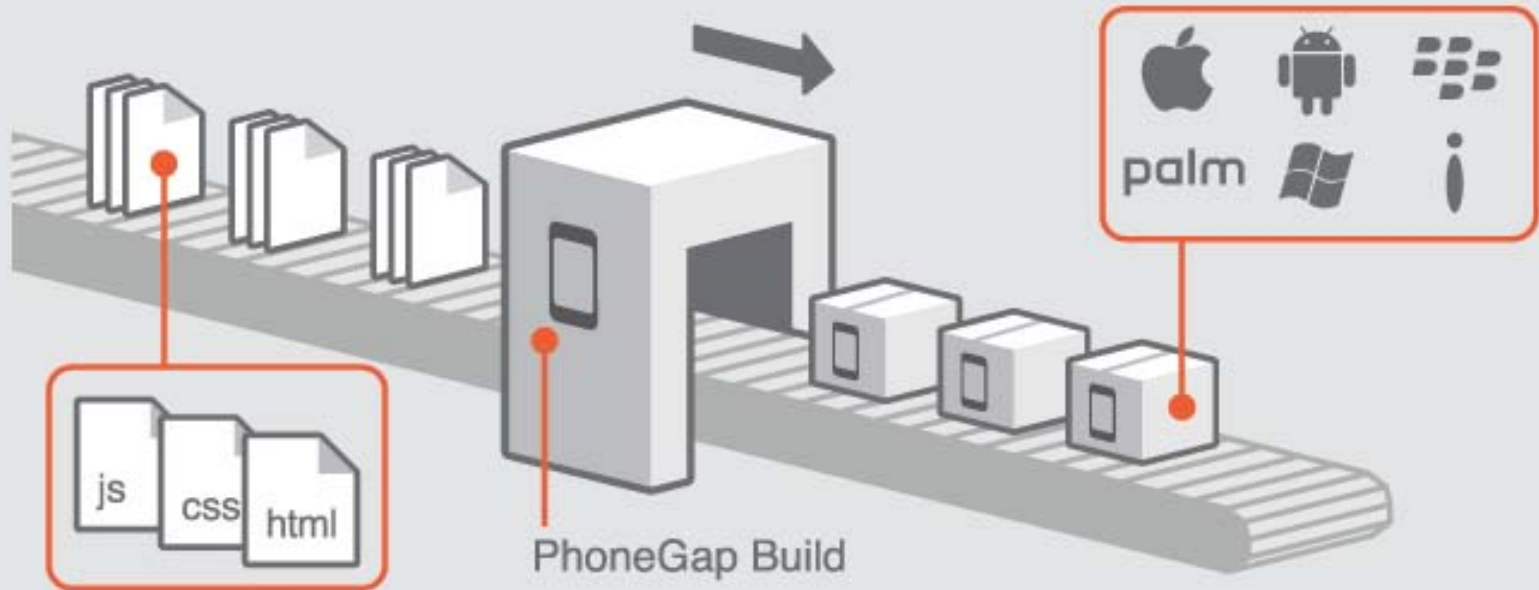Acceleration Z: -0.58

Show Alert

Play Beep

Vibrate

Media Queries

Feature	Value	min/max
aspect-ratio	ratio (integer/integer)	yes
color	integer	yes
color-index	integer	yes
device-aspect-ratio	ratio (integer/integer)	yes
device-height	length	yes
device-width	length	yes
grid	integer	no
height	length	yes
monochrome	integer	yes
orientation	keyword (portrait/landscape)	no
resolution	resolution (dpi)	yes
scan	keyword (progressive/interlace)	no
width	length	yes

http://www.w3.org/TR/css3-mediaqueries/
http://webdesignerwall.com/tutorials/css3-media-queries
http://www.cssnolanche.com.br/overview-css3-media-queries/

PhoneGap Build

PhoneGap Build

Your Apps

new app

Application	iOS	Android	webOS	Symbian	BlackBerry
phonegap.demo ADMIN Version 1.0.0, last built 09/15/2011	⚠	apk	ipk	wgz	ota
指南针 ADMIN Version 1.0.0, last built 09/07/2011	⚠	apk	ipk	wgz	☹

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Sign out (colorhook@gmail.com)

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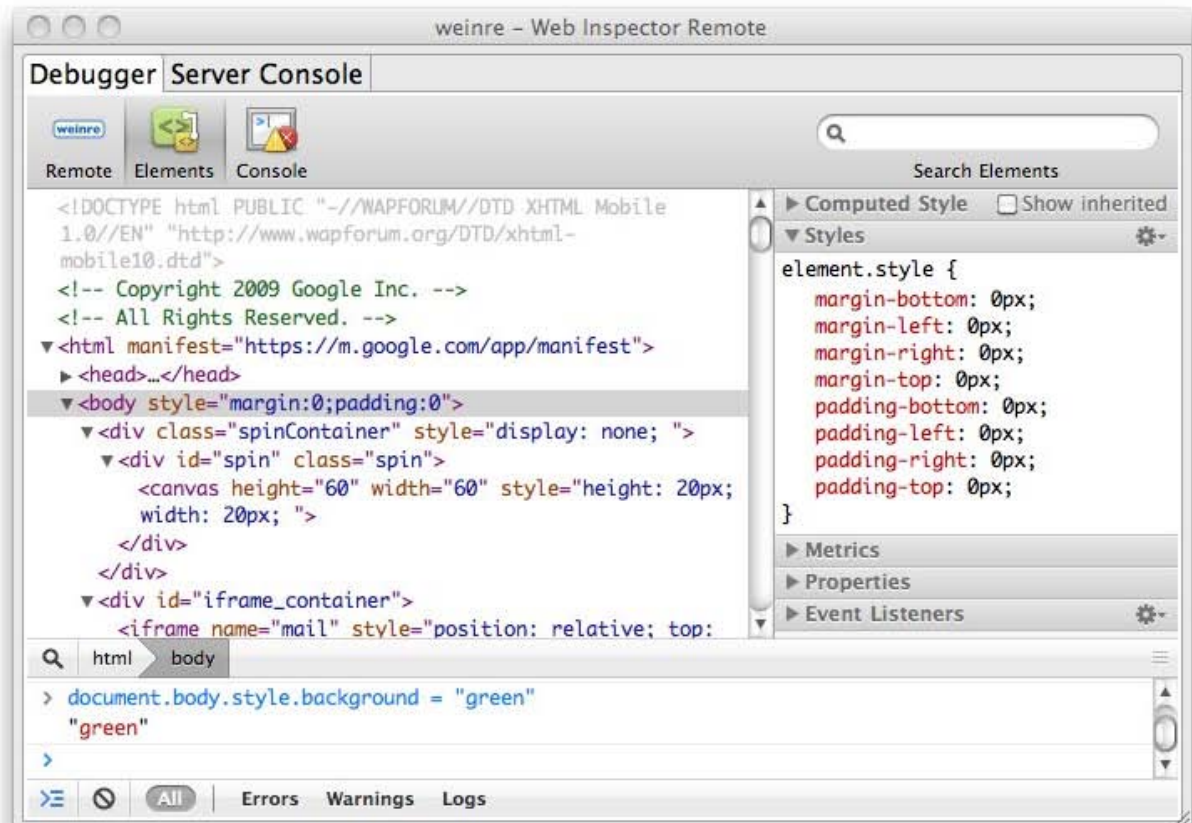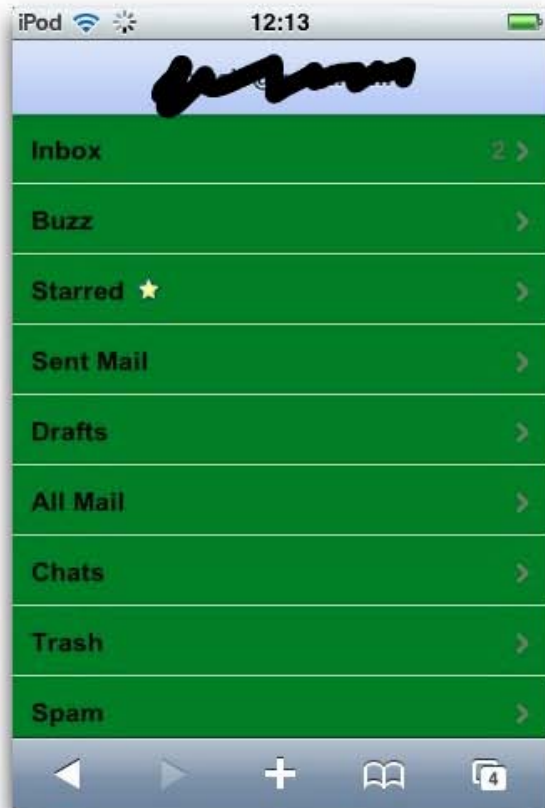
https://build.phonegap.com/
https://build.phonegap.com/docs/

需要在设备上调试？

Weinre

用最小的成本

将业务覆盖到尽可能多的平台上

Q & A

gmail: colorhook@gmail.com
sina: @正邪邪邪