

使用 PhoneGap

在移动平台上的实战



移动设备的特性：

设备传感器

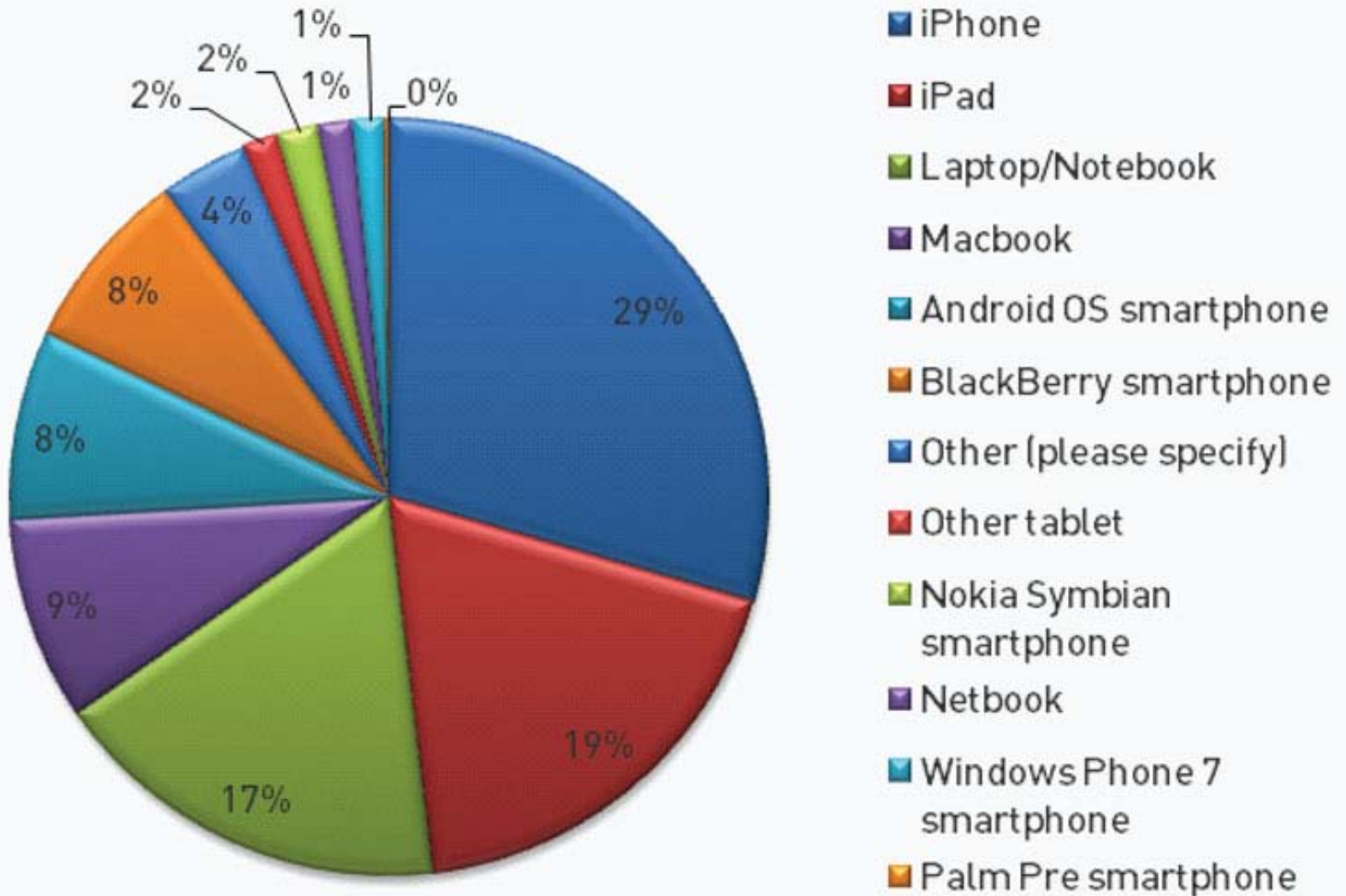
联系人信息

地理定位

拍照、摄影

震动、响铃提醒

移动设备的市场分布：



开发Android应用需要：

Android SDK

JDK

Eclipse



开发iOS应用需要：

Mac OS

iOS SDK

Xcode



Mac



更多其它平台。 。 。

WebOS

Bada

BlackBerry

Symbian



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

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)



<http://rippledocs.tinyhippos.com/index.html>

<https://chrome.google.com/webstore/detail/geelfhphabnejhdalkjhgipohgpdnoc>

PhoneGap debug

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

Show Alert

Play Beep

Vibrate

Media Queries

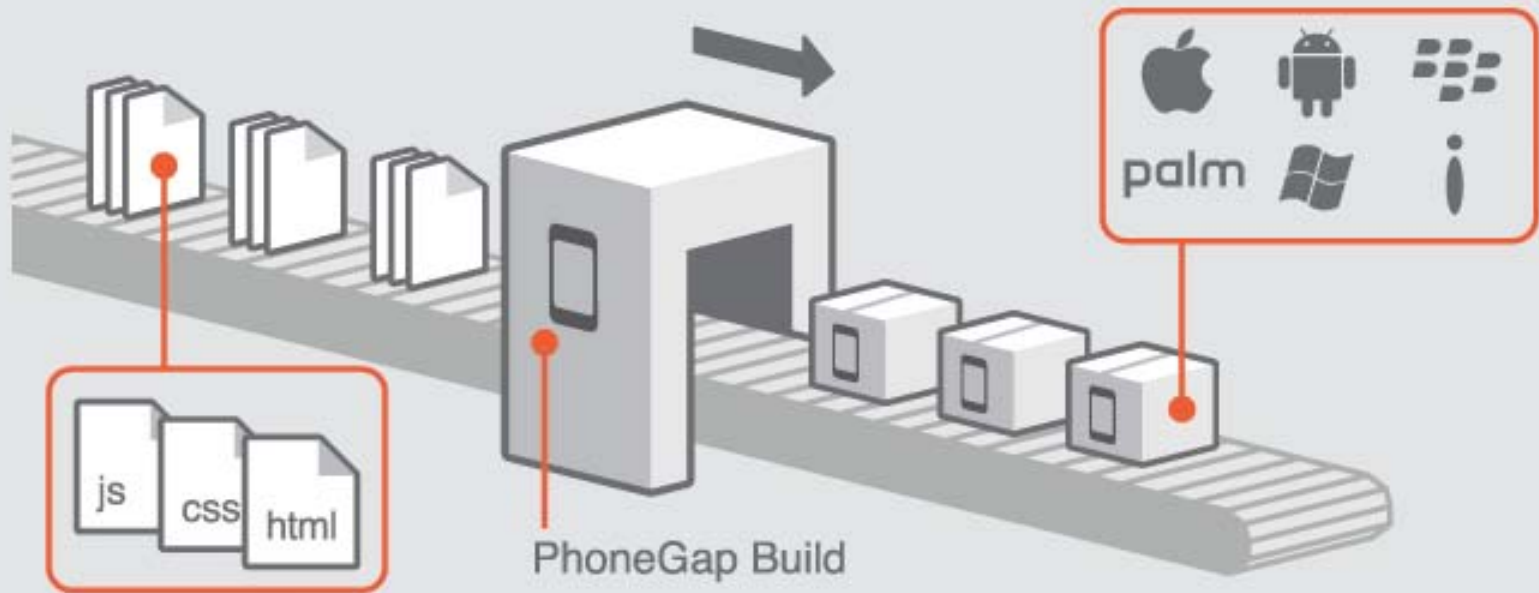
Feature	Value	min/max
aspect-ratio	ratio (integer/integer)	yes
color	integer	yes
color-index	integer	yes
device-aspect-ratio	ratio (integer/integer)	yes
device-height	length	yes
device-width	length	yes
grid	integer	no
height	length	yes
monochrome	integer	yes
orientation	keyword (portrait/landscape)	no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



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



Navigation

[Apps](#)

[Docs](#)

[Blog](#)

[Help](#)

[Edit account](#)

[Sign out \(colorhook@gmail.com\)](#)

Brought to you by

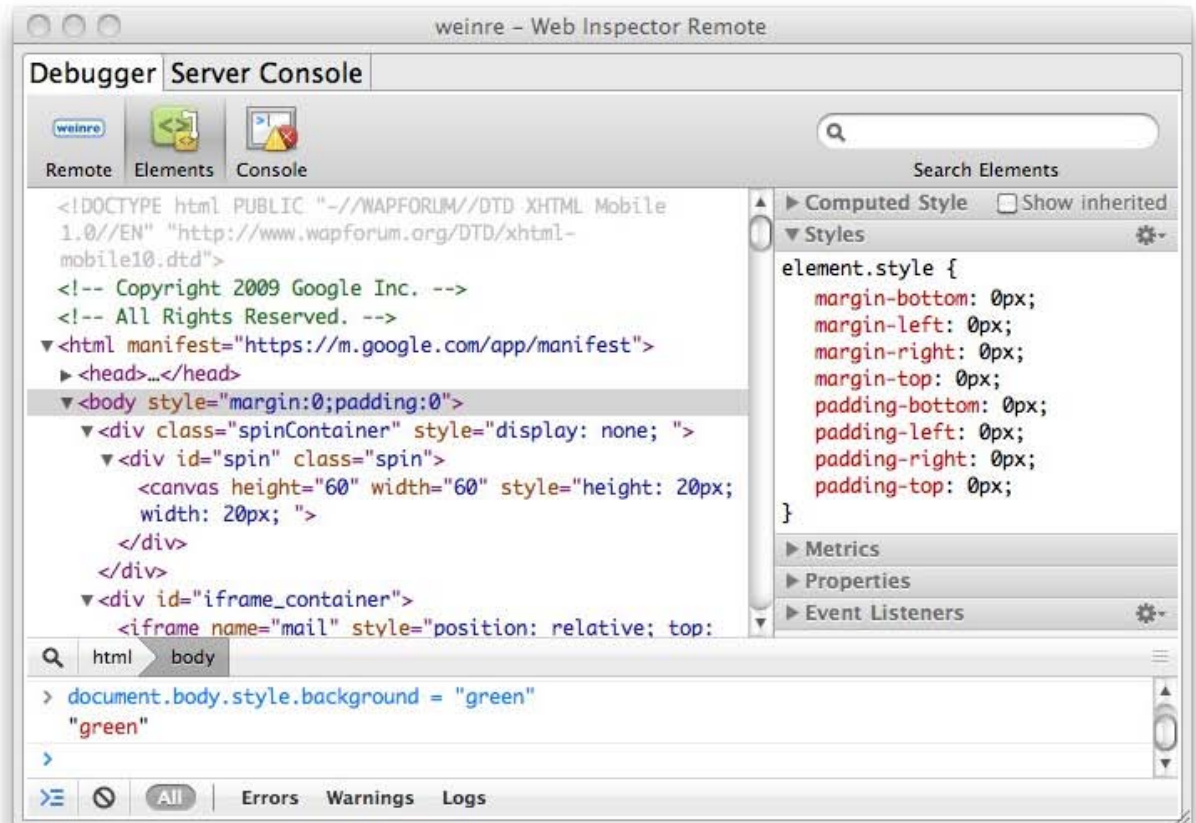
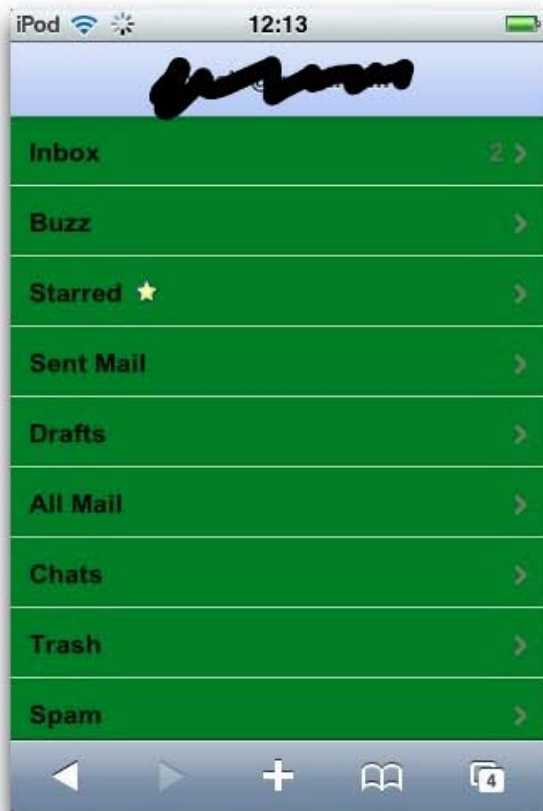
© Copyright 2008–2010 [Nitobi](#)
Drop us a line: [+1 604 685 9287](#)

Powered by



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