

CROSS PLATFORM MOBILE APPLICATIONS DEMYSTIFIED

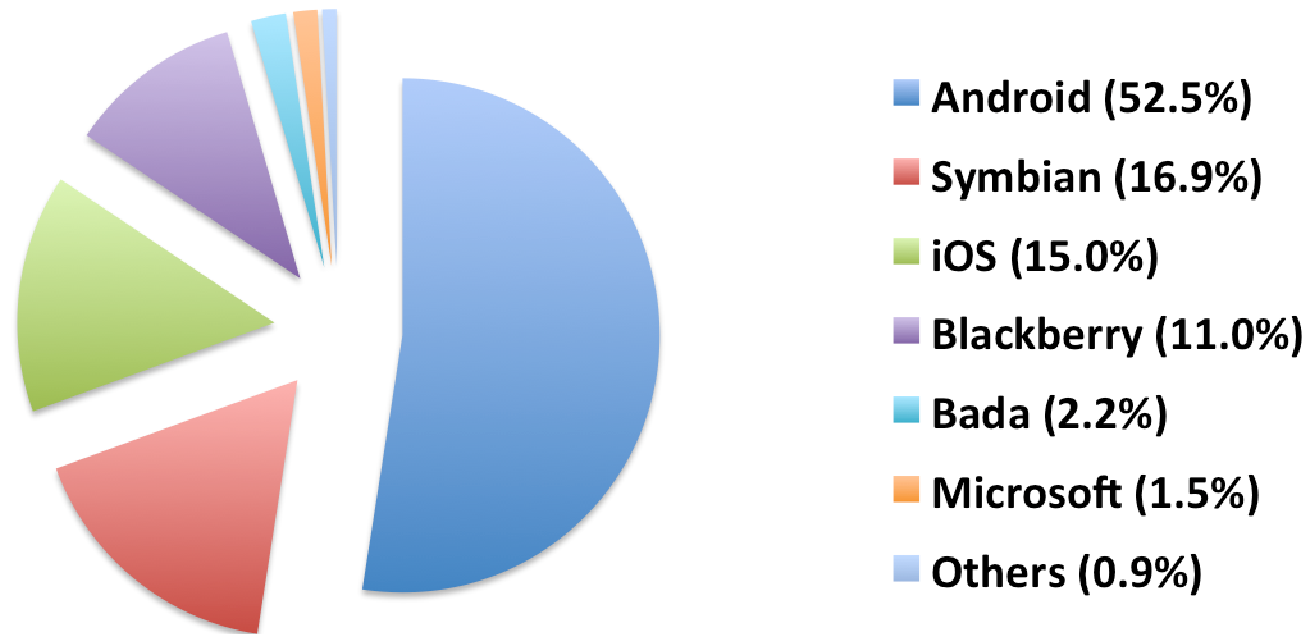
USING PHONEGAP TO BUILD ANDROID APPS

VIKAS BANGA
CO-FOUNDER, CTO @ LETSGOMO LABS

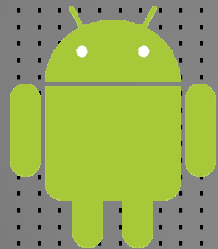
MOBILE WORLD INDIA 2012

FRAGMENTATION...

Mobile OS Market Share Q3 2011



DELIVER RIGHT APP FOR RIGHT PEOPLE AT RIGHT TIME



symbian





Objective C

C++ # *

Java - Android SDK

Etc. ++

Java – Blackberry SDK



TIME??

Phonegap

Letsgomo
LABS



Apache Project – Open Source

Write Once – Run Everywhere

Active Community – 3 Major Releases in last 3 months

iOS



webOS

symbian

bada

I DON'T WANT PHONE GAP BUT CROSS-PLATFORM

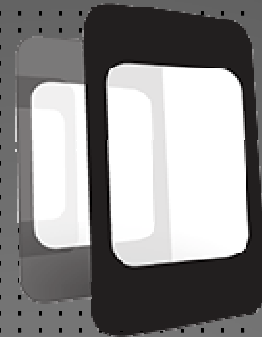
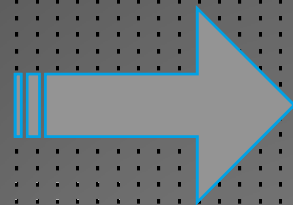
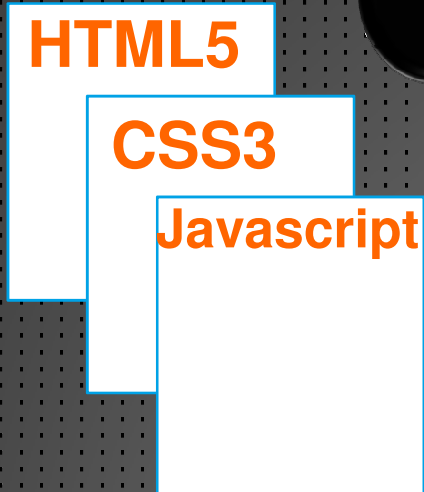
- Appcelerator
- Rhomobile
- Trigger.io
- Build Custom Framework - Facebook

HTML

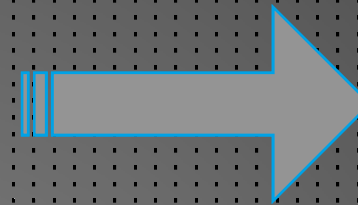


Search 'How Facebook Mobile was designed to Write Once Run Anywhere'

1 Use HTML5, CSS3, JS to write your code



PhoneGap



2 Access native features using Phonegap

3 Deploy your App to Multiple Platforms

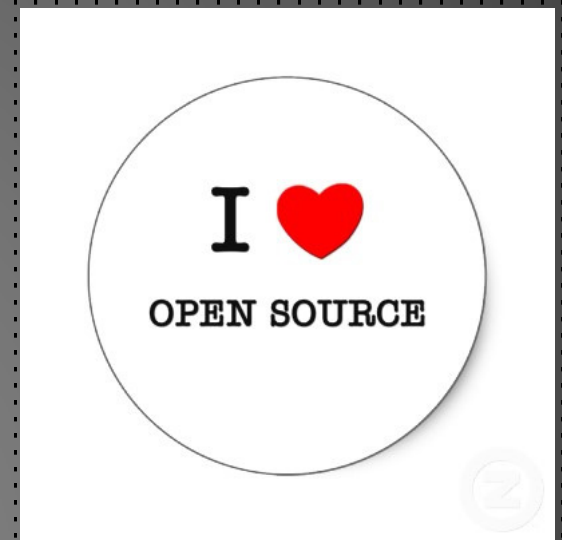
NATIVE FEATURES

- Camera
- Compass
- Contacts
- File System
- Location
- Network
- Media
- Notification

NEED MORE?

Create/Use Phonegap Plugins

- Facebook Connect
- Twitter Integration
- Mini-Browser
- NFC
- Push Notifications
- Email Composer
- Send SMS and many more...



GETTING STARTED

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

Android

1. Need Eclipse 3.4+
2. Download and Install – Phonegap, Ec
Android SDK, ADT Plugin
3. Open a new Project in Eclipse, Make f
4. DeviceReady() Event
5. Deploy to Simulator
6. Deploy to Device and you are done..

TOOLS / SUPPORT

- <https://github.com/phonegap>
- <http://groups.google.com/group/phonegap>
- API DOCS - <http://docs.phonegap.com>
- <https://github.com/phonegap/phonegap>
- <http://phonegap.com/tools>
- [Jquerymobile.com](http://jquerymobile.com)
- Ripple – Chrome based emulator
- Weinre – For remote debugging

DEMO

Let's write some code..

You cannot distinguish a well written phonegap app from a native app

Android Market Apps | My

Money

FLING a THING

TOP CHARTS | CATEGORIES | STAFF PICKS | STAFF PICKS FOR TABLET

Top Paid

- 1 **Where's My Water?**
DISNEY
- 2 **SPB Shell 3D**
SPB SOFTWARE
- 3 **Cut the Rope**
ZEPTOLAB

HealthTap Express
HEALTHTAP
★★★★★ (133)
INSTALL

RealCalc Scientific C...
QUARTIC SOFTWARE
★★★★★ (68,250)
INSTALL

Zombi
ITALY G
★★★★
INSTA

health+AP
1594 points | 15 questions | 75 thanks

CRing asked:
My wife was bitten by a tick and now has a large rash and joint pain. Is this Lyme Disease?

Answer 1 of 1

Dr. Michael Klein
MD, Family Medicine
S. Green Hill 00375

Lyme is possible

Lyme disease is a tick-borne illness seen in many places throughout the country, and especially in the Northeast, the most common symptoms is the typical bullseye rash.

Dr. Wang Lin and 2 others agree with this answer.

(This is not personal medical diagnosis, treatment, or advice.)

Thank | Next

Share: | | |

KEY TAKEAWAYS

YOUR CUSTOMER WANTS YOU ON
MOBILE DEVICE OF HIS CHOICE

BUILDING NATIVE APPS FOR EACH
PLATFORM IS NOT AN OPTION

PHONEGAP – A GOOD ALTERNATIVE
BACKED BY ADOBE, IBM, AND

GETTING STARTED IS EASY, AND SO
IS MAINTAINING ONE CODE BASE



Slides and more information available at
<http://letsgomo.com/phonegap>

We're Hiring



@vikasbanga
vikas@letsgomo.com