




# PHONEGAP

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## MOBILE APPS WITH HTML

Questions? #tpryan 



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Education Evangelist

WHO ARE **YOU**?

HOW DO YOU MAKE **MOBILE APPS**?





OBJECTIVE C



ANDROID  
FLAVORED JAVA



BLACKBERRY  
FLAVORED JAVA



WHATEVER  
MICROSOFT IS  
DOING NOW



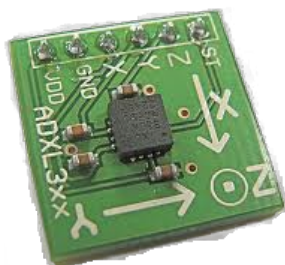


HTML/JS/CSS



WE SHOULD JUST BUILD  
**WEB APPS.**

WHY DO WE NEED **NATIVE**?





ACCESS TO  
**DEVICE COMPONENTS**  
AND **OS API'S**



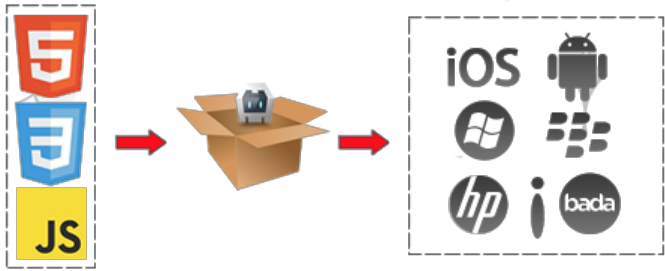


ACCESS TO **APP STORES.**

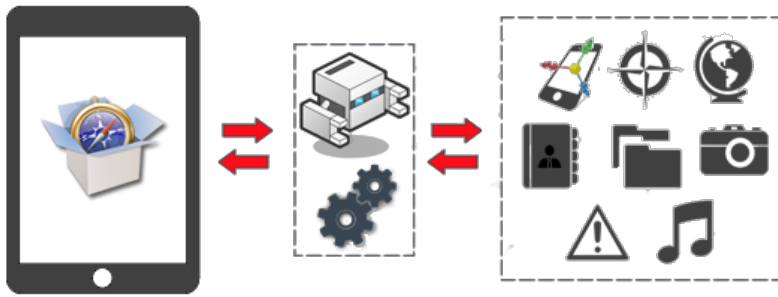


## PHONEGAP SDK

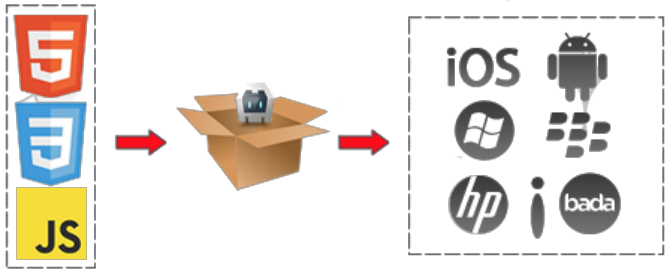
An SDK to build mobile apps with web technologies



**PHONEGAP** POWERS NATIVE APPLICATIONS USING  
**HTML/JS/CSS.**



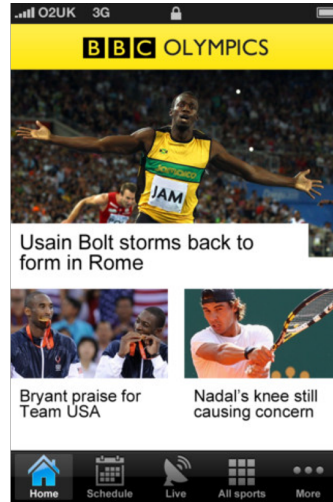
**PHONEGAP** GIVES ACCESS TO **COMPONENTS** AND **API'S**.



**PHONEGAP** APPS CAN BE DISTRIBUTED IN **STORES**.

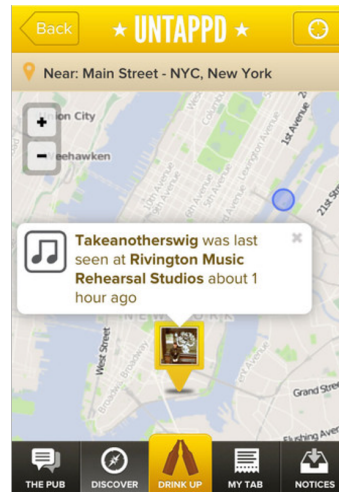
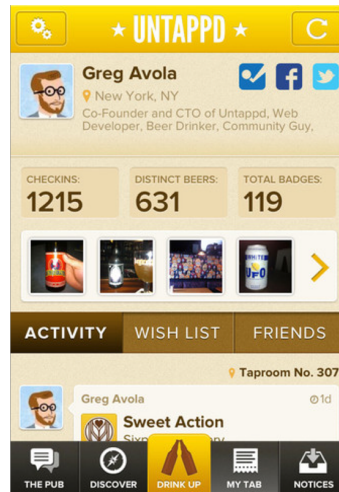
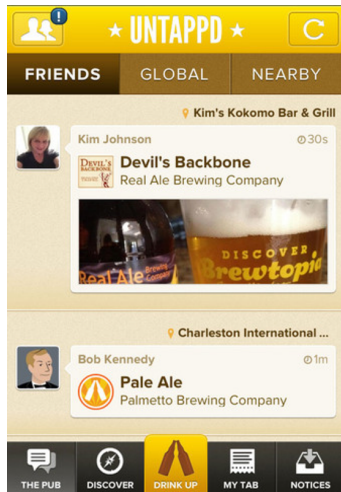
ios





The medals screen of the BBC Olympics app. It features a yellow header with the 'MEDALS' logo. Below the header is the title 'London 2012 Medals Table'. The table shows the medal count for the top 9 countries. The columns are Rank, Country, Gold, Silver, Bronze, and Total.

Rank	Country	Gold	Silver	Bronze	Total
1	CHN	51	21	28	100
2	USA	36	38	36	110
3	RUS	23	21	28	72
4	AUS	19	13	15	47
5	DEU	16	10	15	41
6	GBR	14	15	17	46
7	KOR	13	10	8	31
8	JPN	9	6	10	25
9	ITA	8	10	10	28







DEMO

PHONEGAP



I NEED SOMETHING ELSE



DEMO

PHONEGAP PLUGINS

STILL NOT **GREAT.**



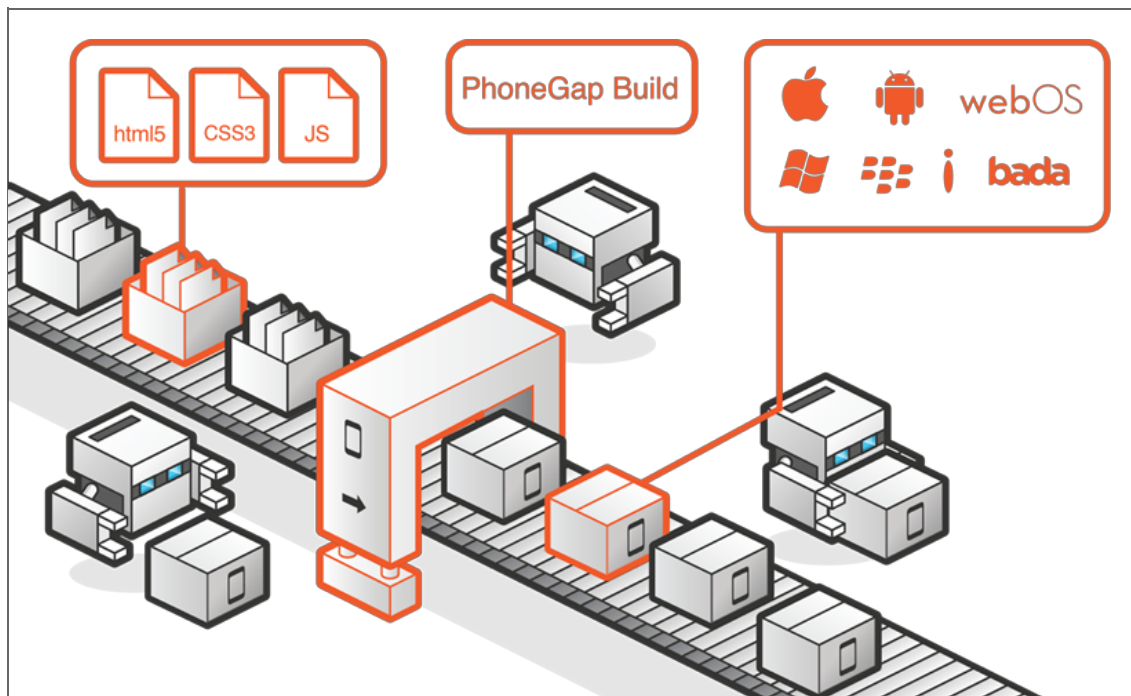
HTML/JS/CSS





HTML/JS/CSS





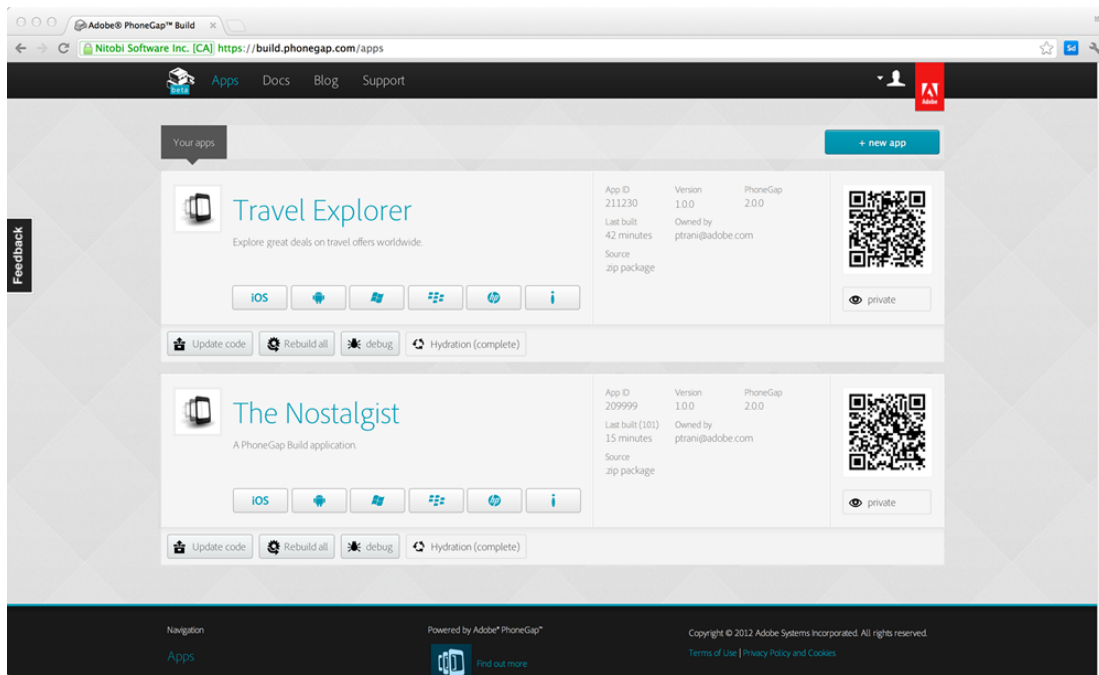
PHONEGAP BUILD





PHONEGAP BUILD

Package Mobile Apps in the Cloud



## PHONEGAP BUILD



DEMO

PHONEGAP BUILD

**[build.phonegap.com](https://build.phonegap.com)**



PHONEGAP BUILD

Package Mobile Apps in the Cloud

HOW DO YOU **WORK?**



APACHE RIPPLE

In-browser Emulator

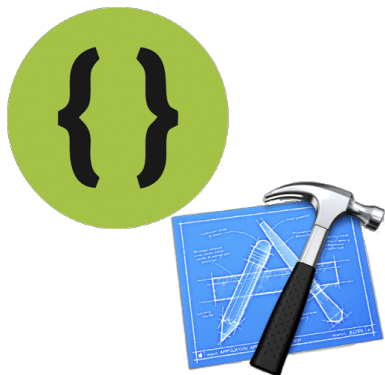
UNTIL YOU TEST ON A DEVICE  
**YOU HAVEN'T TESTED.**



PHONEGAP BUILD

Hydration:  
dev updates.





IDE'S

Where I admit they are **necessary** while still hating them.



PHONEGAP SDK

Command Line Interface

## CONCLUSIONS

PHONEGAP ENABLES NATIVE ABLED APPS IN **HTML CSS JS**

ALLOWING YOU TO LEVERAGE YOUR **WEB EXPERIENCE.**

IT'S **NOT** FOR EVERY APP.

BUT IT CAN BE A GREAT **ON-RAMP** TO MOBILE APPS

## QUESTIONS, COMMENTS, FEEDBACK?

Feel free to contact me:

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