

Development for Mobile Devices Tools from Intel, Platform of Your Choice!

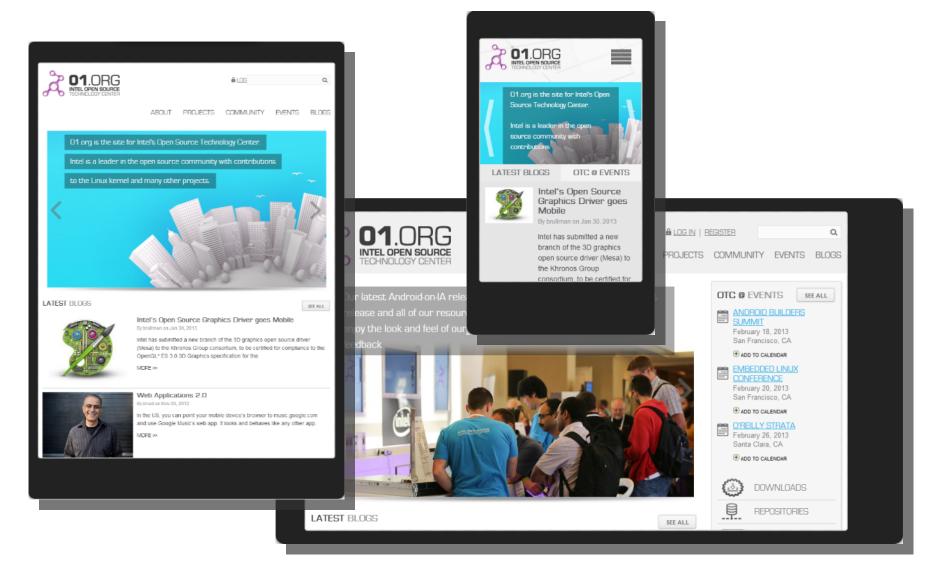
Sergey Lunev, Intel Corporation HTML5 Tools Development Manager CEE-SECR 2013



Optional: Download App Preview



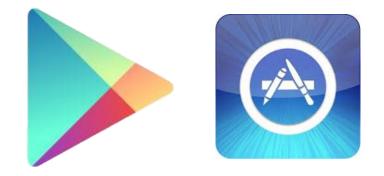
Use of HTML/CSS/JS for UI and Program Logic





Why Hybrid HTML5 Apps?

Hybrid Apps concept allows developers to build **compelling** apps utilizing their HTML5 skills...



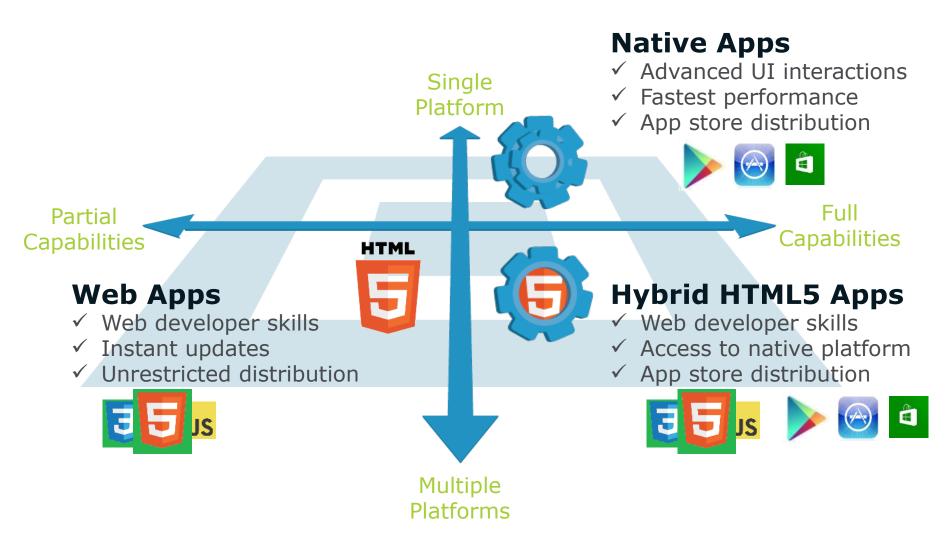




...and these apps can be distributed in native app stores.



Hybrid HTML5 App Advantage





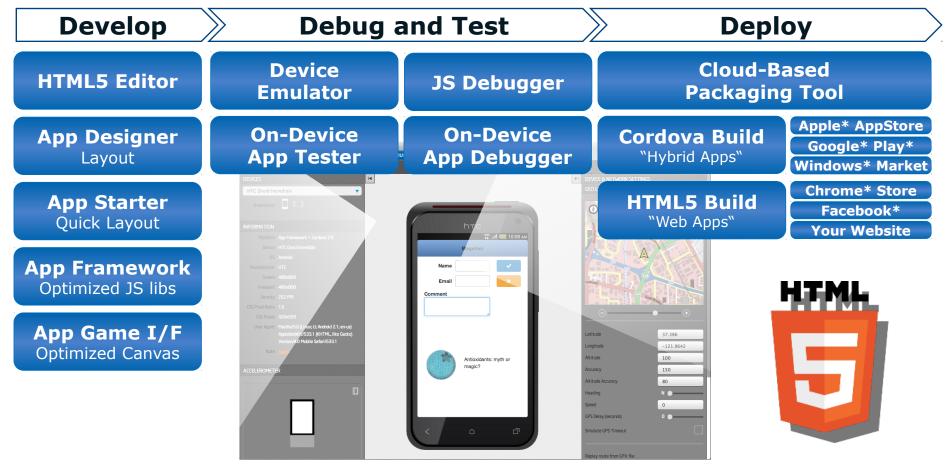
Web vs. Hybrid vs. HTML5 Applications

Today		Tomorrow
Web App limited sensor input	Hybrid App full sensor input	HTML5 App full device access
Yes	Yes	Yes
Yes	Yes	Yes
Limited	Mostly	Complete
URL	Native Binary	URL/Binary
Yes	Yes & No	Yes
Yes	Νο	No
No	Yes	Yes
	Web App limited sensor inputYesYesLimitedURLYesYes	Web App limited sensor inputHybrid App full sensor inputYesYesYesYesYesYesYesYesURLMostlyYesYes & NoYesNo

The HTML5 standard is evolving to include device APIs



Intel® XDK – Tools for Hybrid HTML5 App Development



Build cross-platform HTML5 hybrid applications.

*HTML5 logo is the property of World Wide Web Consortium (W3C)

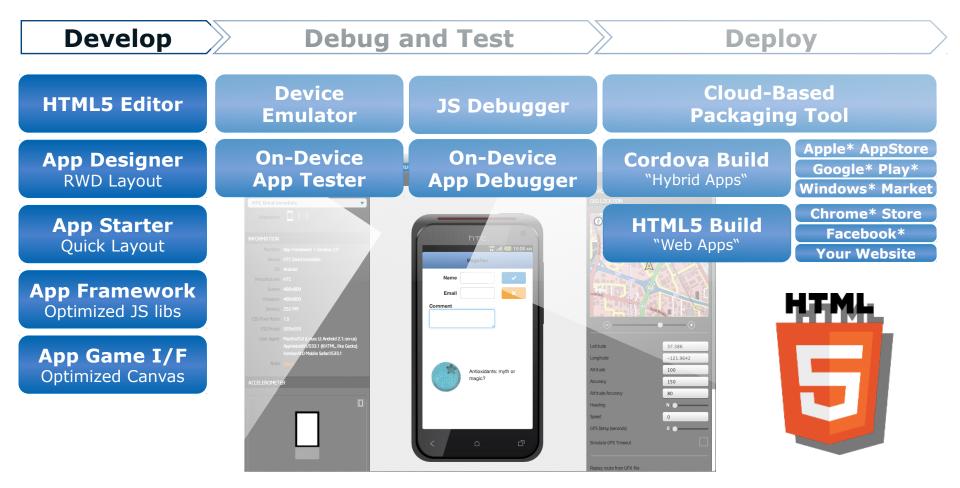


Layout and Design



CEE-SECR 2013 Intel® XDK Overview

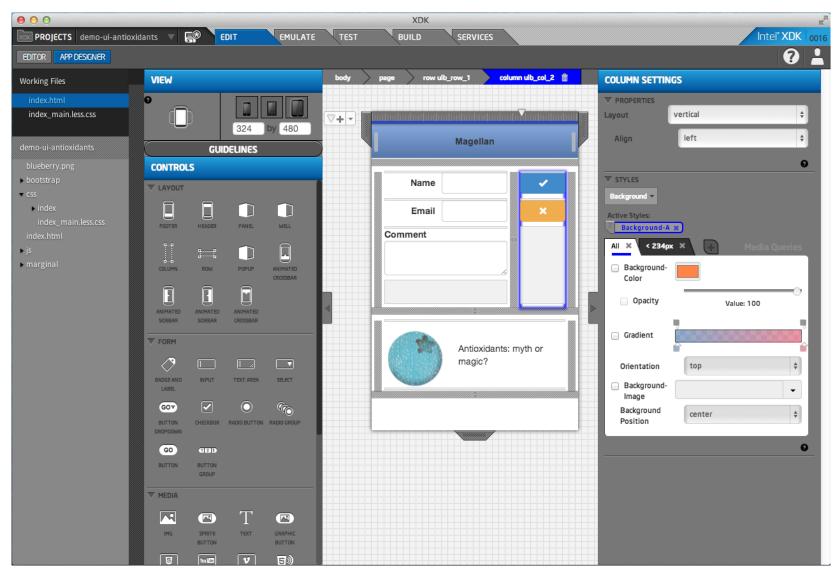
Develop: Mobile App Design Tools



Build cross-platform HTML5 hybrid applications.



Demo: Mobile App Design Tools





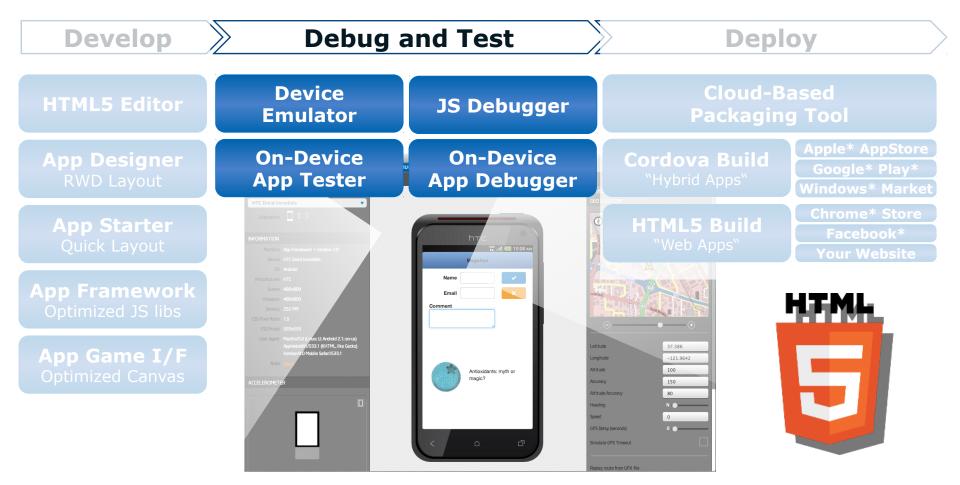
Test and Debug



CEE-SECR 2013 Intel® XDK Overview

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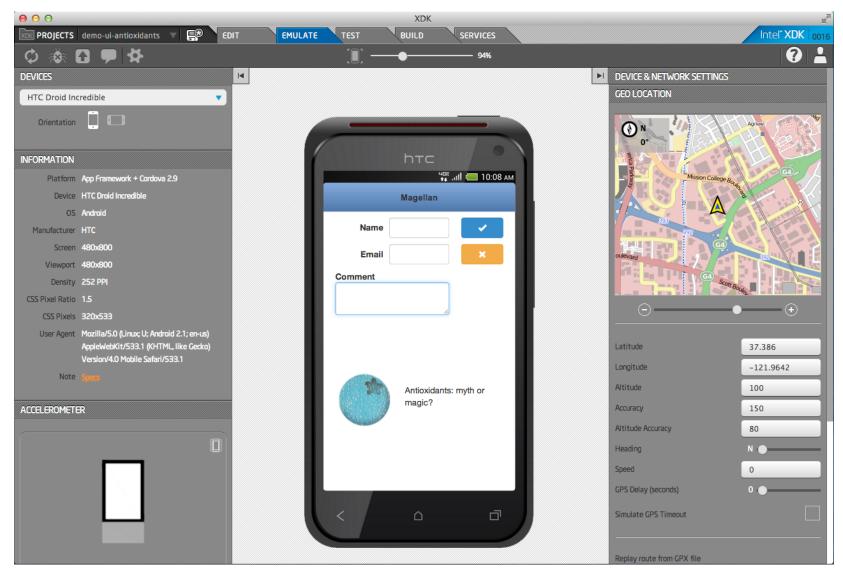
Test: Emulate and On-Device Debug



Build cross-platform HTML5 hybrid applications.



Demo: Emulate and On-Device Debug





Remote Download of Notifiers Test App

Scan this

http://intel.ly/H7qM4o

Fingers crossed, hoping the network doesn't overload!!





Package and Build



CEE-SECR 2013 Intel® XDK Overview

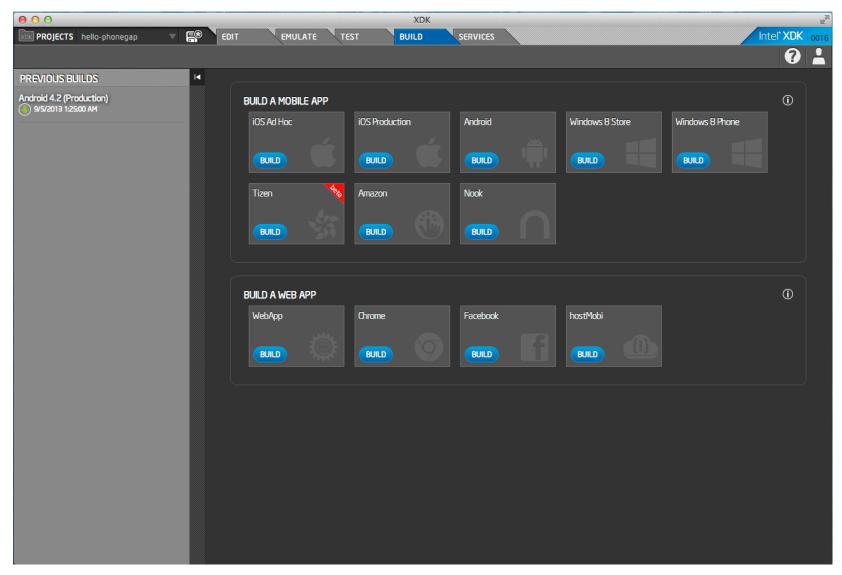
Deploy: Package and Build



Build cross-platform HTML5 hybrid applications.



Demo: Package and Build





Alternate Build Service Offerings

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	Intel® XDK†	Adobe* PhoneGap* Build*	Other Options (typical)
iOS*	X	X	X
Android*	X	X	X
Windows* 8	X		
Blackberry*		X	
Tizen*	Х		
Amazon* Kindle*	Х		
Barnes & Nobile* Nook*	Х		
FireFox* OS			
Chrome* OS	X		
Web App	X		
Facebook*	X		
WebOS*		The transformation the transform	rt as of October, 2013
Pada*		v V	

Related Tools



Intel® HTML5 App Porter Tool - BETA



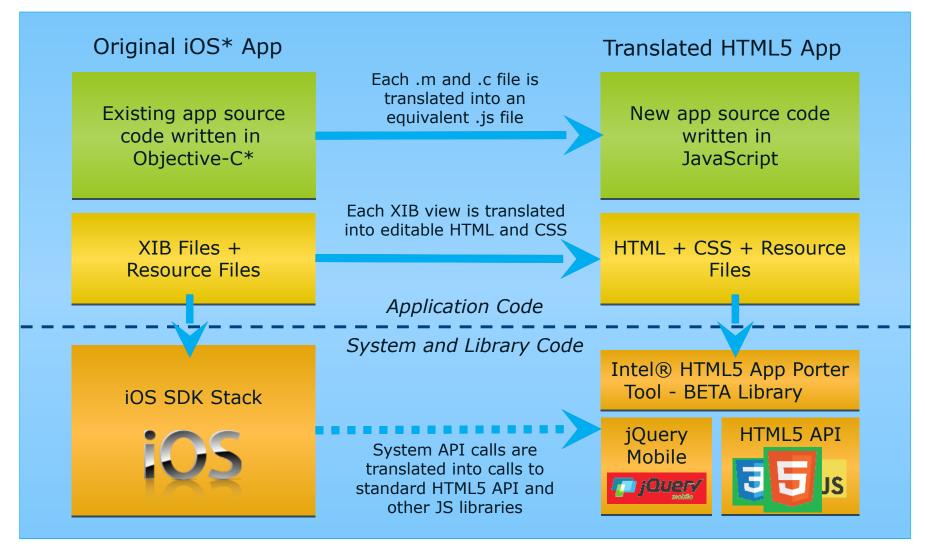
You Have Deployed an iOS* App...

...but you want to broaden your market reach...

...translate your application from Objective C to HTML5



iOS* to HTML5 Translation Process





Additional Sources of Information

software.intel.com/html5 html5dev-software.intel.com serge.lunev@intel.com





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