

Building Mobile Applications

Computer Science S-76

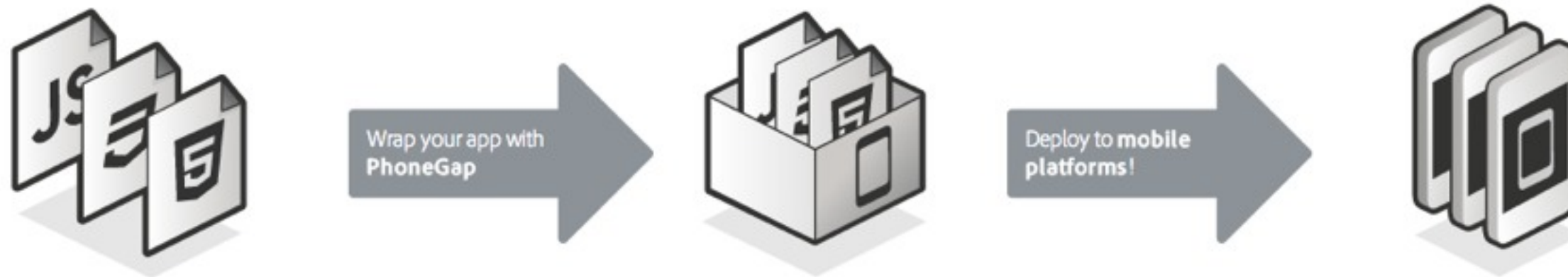
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Thanks!

Chris R.J. Rob

web apps v. native apps

PhoneGap



	Android	BlackBerry	BlackBerry 10	iOS	Windows Phone 7	Windows Phone 8	Windows 8
cordova CLI	✓ Mac, Windows, Linux	✓ Mac, Windows	✓ Mac, Windows	✓ Mac	✓ Windows	✓ Windows	
PhoneGap Build	✓	✓	✓	✓		✓	
SDK platform support	✓	✓	✓	✓	✓	✓	✓
Embedded WebView	✓	x	x	✓	x	x	x
Plug-in Interface	✓	✓	✓	✓	✓	x	x
Platform APIs							
Accelerometer	✓	✓	✓	✓	✓	✓	✓
Camera	✓	✓	✓	✓	✓	✓	✓
Capture	✓	✓	✓	✓	✓	✓	x
Compass	✓	x	x	✓ (3GS+)	✓	✓	✓
Connection	✓	✓	✓	✓	✓	✓	✓
Contacts	✓	✓	✓	✓	✓	✓	✓
Device	✓	✓	✓	✓	✓	✓	✓
Events	✓	✓	✓	✓	✓	✓	✓
File	✓	✓	✓	✓	✓	✓	✓
Geolocation	✓	✓	✓	✓	✓	✓	✓
Globalization	✓	✓	✓	✓	x	✓	x
InAppBrowser	✓	✓	✓	✓	✓	✓	✓
Media	✓	x	x	✓	✓	✓	✓
Notification	✓	✓	✓	✓	✓	✓	✓
Splashscreen	✓	x	x	✓	x	x	x
Storage	✓	✓	✓	✓	✓	✓	✓

gap://<Class>.<command>/[<arguments>][?<dictionary>]

UIWebViewDelegate

`webView:shouldStartLoadWithRequest:navigationType:`

UIWebView

`stringByEvaluatingJavaScriptFromString:`

Provisioning, App Store

<http://developer.apple.com/library/ios/documentation/ToolsLanguages/Conceptual/YourFirstAppStoreSubmission/>

Dan Armendariz

Dan Armendariz

Android
Java

Bob Familiar

Windows 8, Windows 8 Phone
XAML/C# and HTML5/JavaScript

to be continued...