Introduction to Mobile Development with PhoneGap

Yeah... it's pretty awesome.
Who is this guy?

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What is PhoneGap?

- Application container that allows you to build natively installed apps using HTML, CSS & JavaScript

http://www.phonegap.com
Why would you want to use PhoneGap?

Have you tried to build an application that supports lots of platforms?
Why would you want to use PhoneGap?

- Write once, run lots of places.
- Lower barrier of entry
- Reduced # of required skills
- Reduced development & long term maintenance cost
What platforms support PhoneGap?

- iOS
- Android
- webOS
- Symbian
- bada
How do PhoneGap apps work?

- Build app UI using HTML & CSS
- Build app logic & interactivity with JavaScript
- Use the PhoneGap API to interact with device
Since it is HTML, CSS & JSS, can I use existing tools/frameworks?

- YES!

...and many more...

Any client side web framework can be used
OK, so what OS features does PhoneGap expose?

http://phonegap.com/about/features
But what if you want more?

- PhoneGap is extensible with a “native plugin” model that enables you to write your own native logic to access via JavaScript.

- There are lots of open source plugins at https://github.com/phonegap/phonegap-plugins

- Learn more at http://wiki.phonegap.com/w/page/36752779/PhoneGap%20Plugins
What does a PhoneGap app look like?

- Whatever you want it to look like; let's take a look at a few...

See more at: http://phonegap.com/apps
Build/Distribution

- Platform-specific build processes
- [http://build.phonegap.com](http://build.phonegap.com)
Debugging

- Desktop Browser Tools
- http://debug.phonegap.com
Open Source

- Did I also mention that PhoneGap is 100% open source?
- PhoneGap is the commercial name for Apache Cordova.
- PhoneGap/Cordova was contributed to Apache Software Foundation by Adobe.
- You can get involved today!
  - [http://incubator.apache.org/cordova/](http://incubator.apache.org/cordova/)
What next?

- Get started with PhoneGap today!
  - http://phonegap.com/start
  - http://wiki.phonegap.com/

- Join PhoneGap Google Groups
  - http://groups.google.com/group/phonegap?pli=1

- ...and most importantly... HAVE FUN!