On-Device Prototyping with PhoneGap

A gateway drug to hybrid development

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Adobe

At MobileCamp LA 2012
the PhoneGap CLI was announced

The PhoneGap CLI was a good start

But, last year we wanted to take the next big step

We started by reviewing development workflows

Desktop web developers stream to their browsers

Mobile web developers stream to their devices

Mobile app developers deploy to their devices

Streaming is better than deploying.

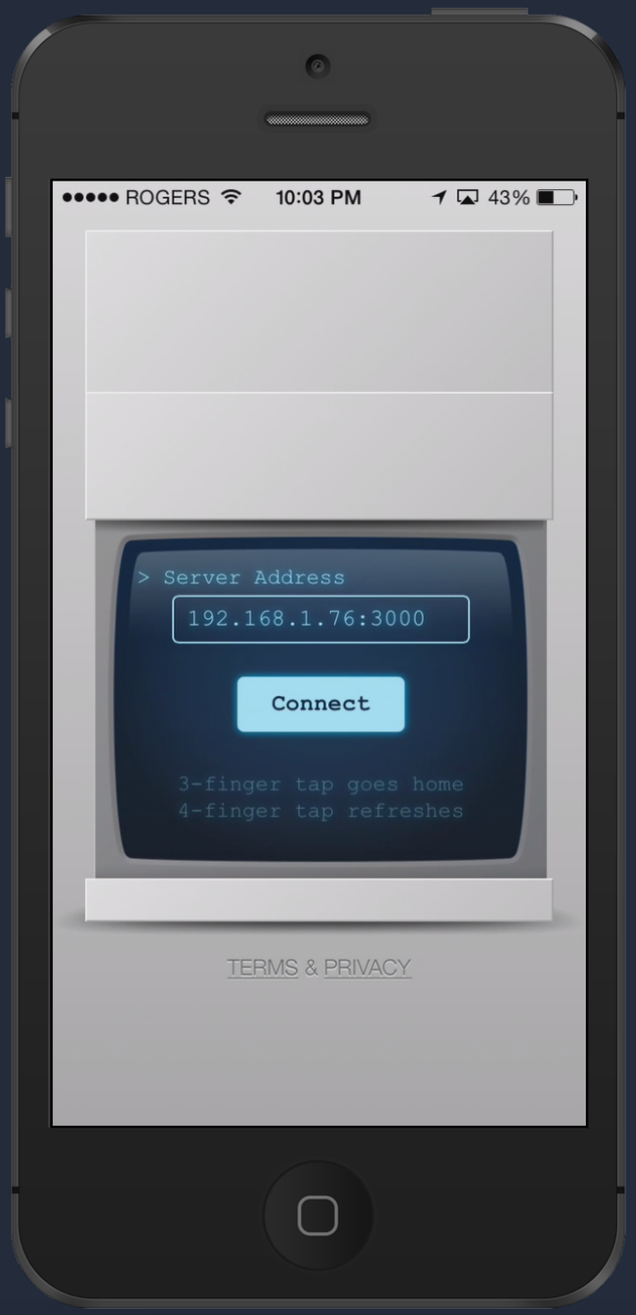
Yet mobile hybrid app developers…

deploy to their devices

How can mobile hybrid app developers stream to their devices?

We know web developers download browsers

Can hybrid app developers download platforms?



Think of this as your browser!

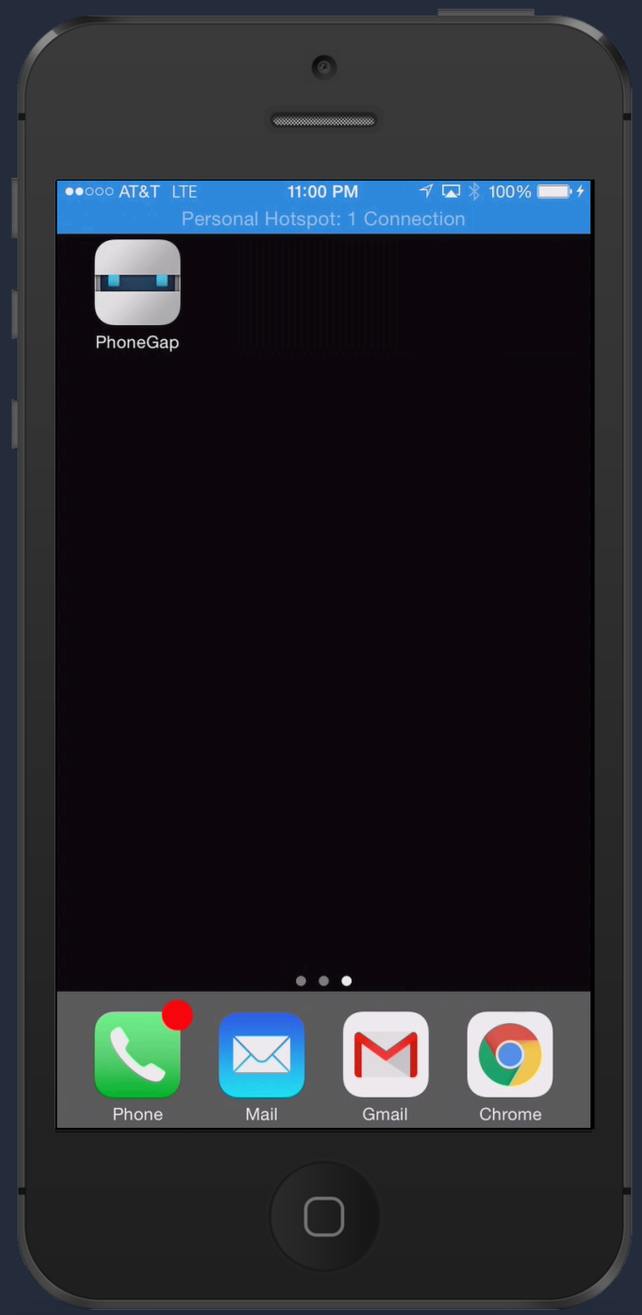
PhoneGap Developer App

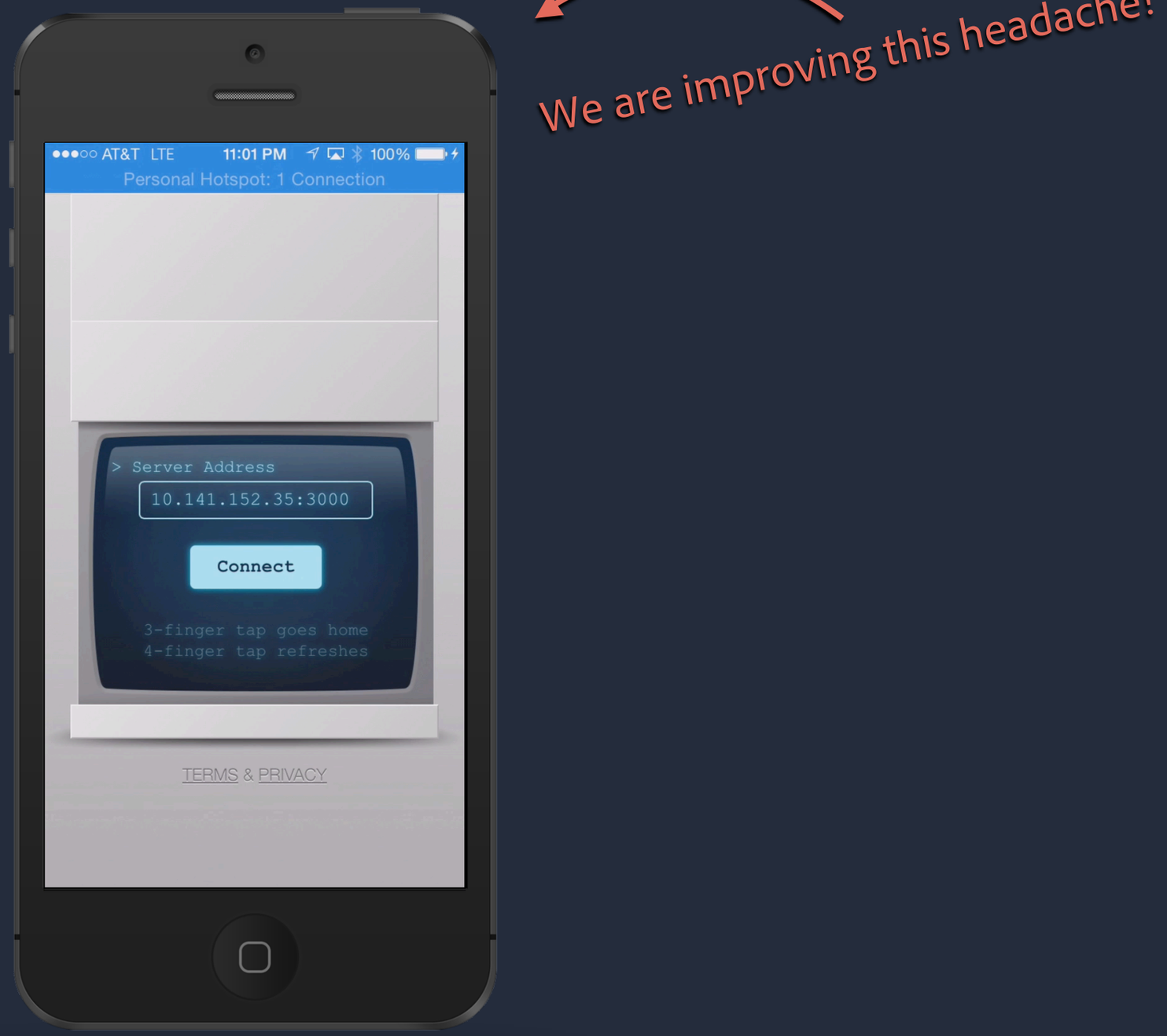
Apple App Store

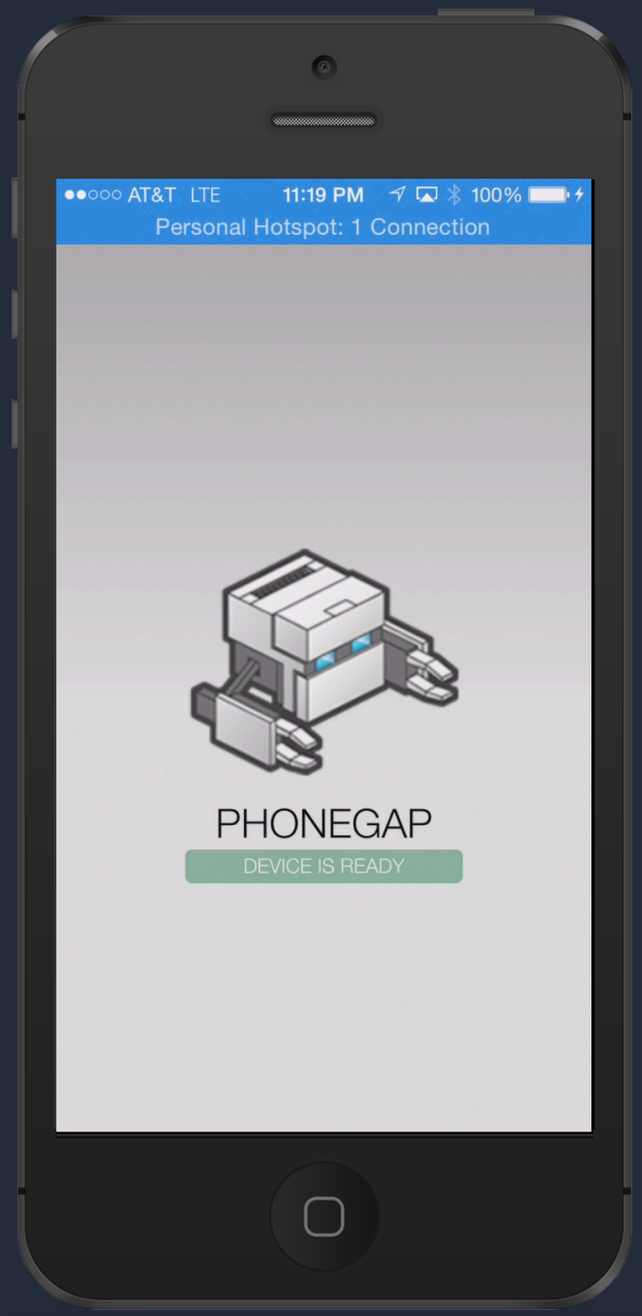
Google Play Store

Windows Phone Store

Send thanks to @timkim


●●○○○ AT&T LTE
11:00 PM
100%
Personal Hotspot: 1 Connection
PhoneGap
Phone
Mail
Gmail
Chrome


We are improving this headache!
AT&T LTE
11:01 PM
100%
Personal Hotspot: 1 Connection
> Server Address
10.141.152.35:3000
Connect
3-finger tap goes home
4-finger tap refreshes
TERMS & PRIVACY


●●○○○ AT&T LTE
11:19 PM
100%
Personal Hotspot: 1 Connection
PHONEGAP
DEVICE IS READY

In web development

A web page is served by a web server

In hybrid app development

A hybrid app is served by the PhoneGap CLI

Serving an app with the PhoneGap CLI

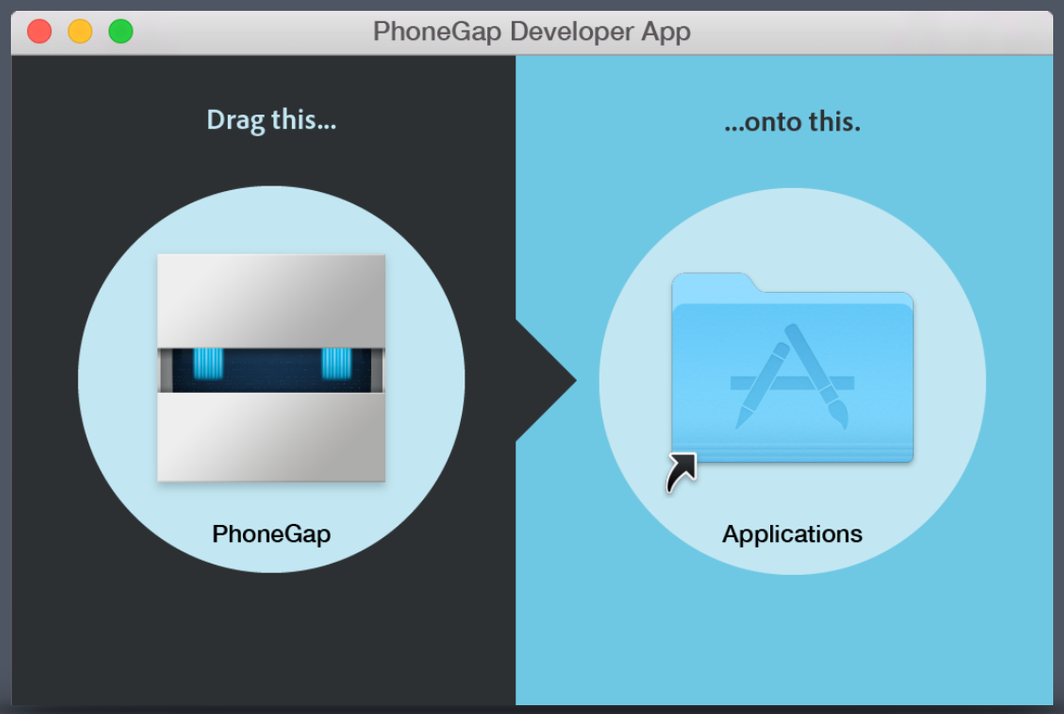
1. bash

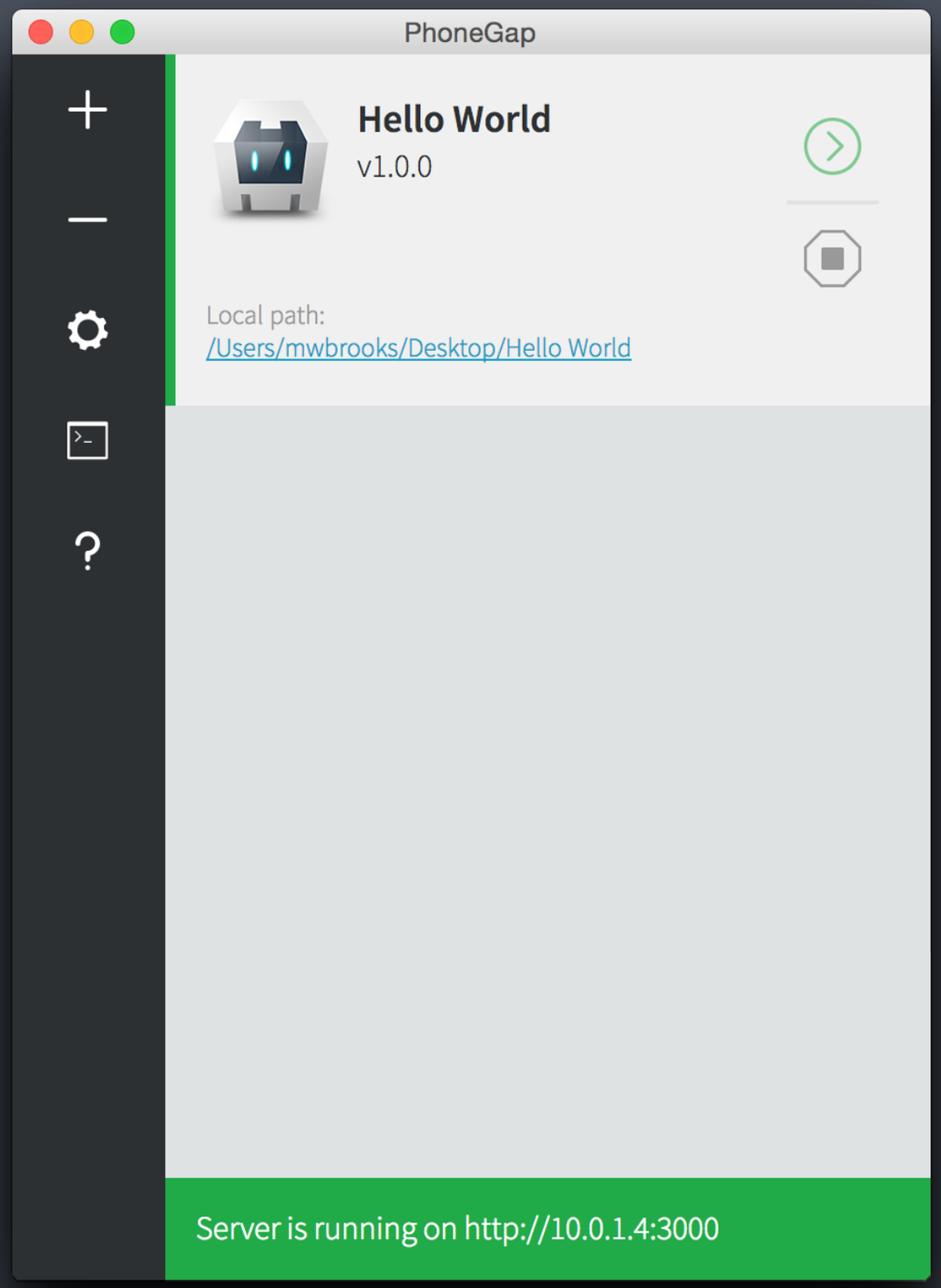
```
sandbox:mwbrooks $ npm install -g phonegap
sandbox:mwbrooks $ phonegap create my-app
sandbox:mwbrooks $ cd my-app/
my-app:mwbrooks $ phonegap serve
[phonegap] starting app server...
[phonegap] listening on 192.168.37.152:3000
[phonegap]
[phonegap] ctrl-c to stop the server
[phonegap]
```

Terminal not your kinda window?

Try the PhoneGap Desktop app

Coming next week!

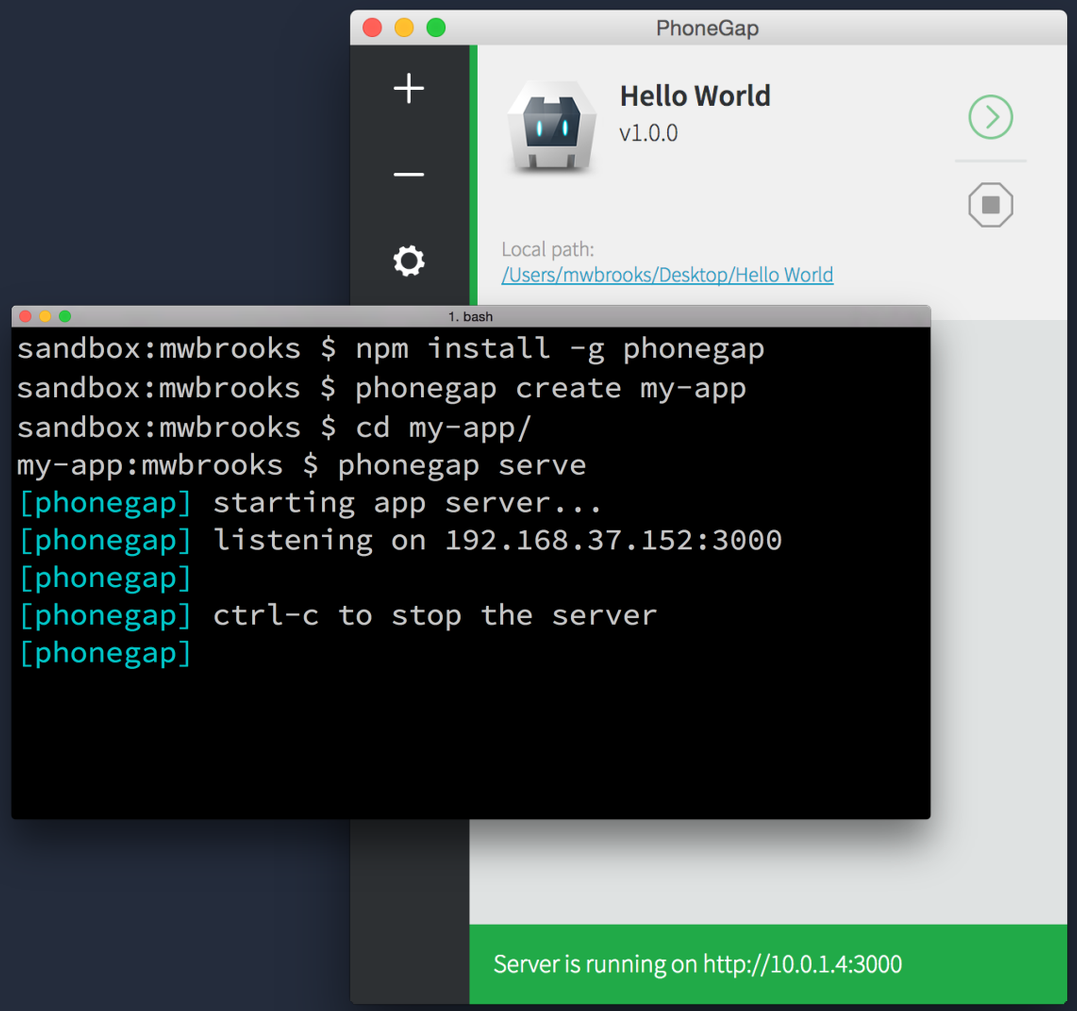


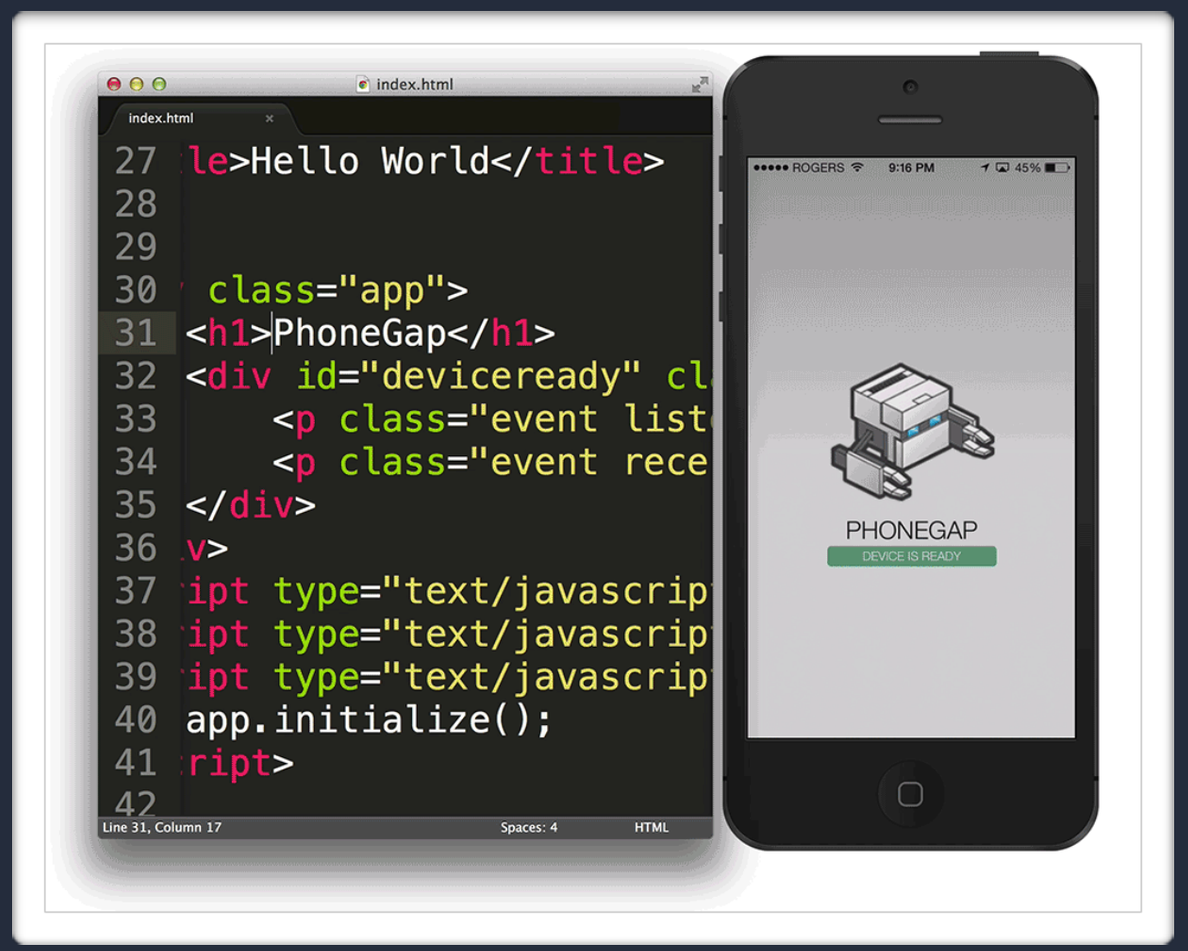


Windows supported too!

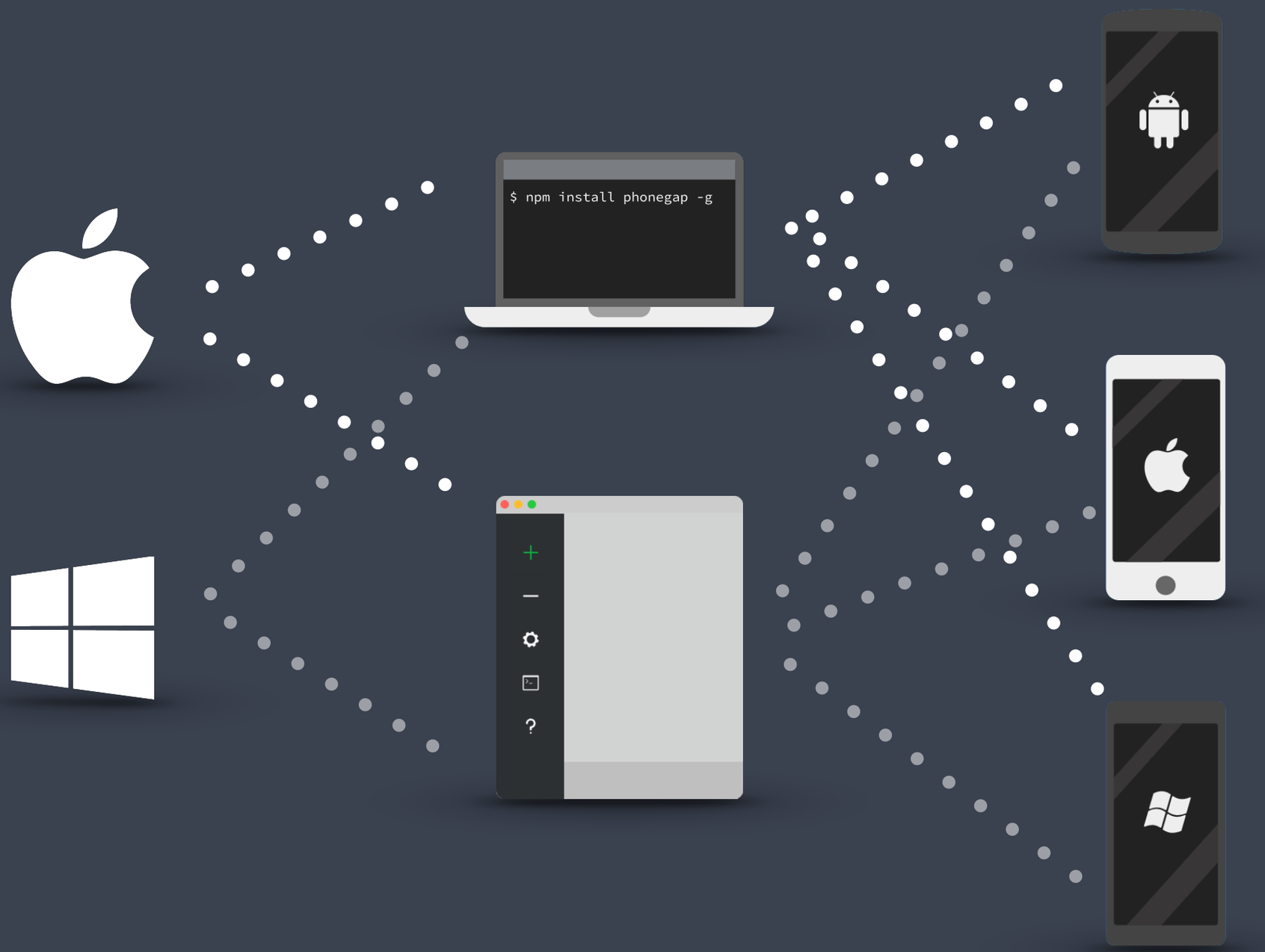
Send thanks to @hermwong

Putting it all together





We've got you covered



Got questions, requests, or complaints?
Every bit is open sourced!

github.com/phonegap/phonegap-cli
github.com/phonegap/phonegap-app-desktop
github.com/phonegap/phonegap-app-developer

Cheers!
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michaelbrooks.ca

Thank you!
@hermwong
@timkim