

# What the hell is PhoneGap?

A 30 minute primer

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# The PhoneGap Story

code, **community**, and beer



# Nitobi

Tiny web consultancy  
Vancouver, Canada  
Founded in 1998

Around 2008 we got into mobile.

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Objective-C ➤ iOS

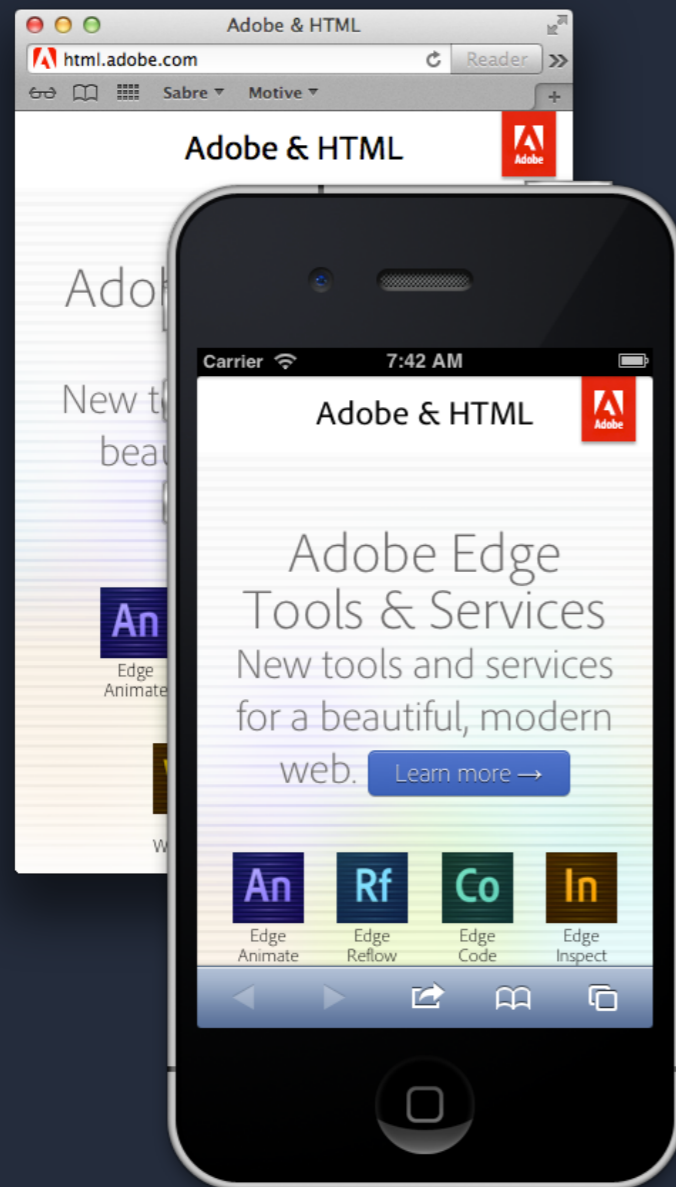
Java ➤ Android

Java ➤ BlackBerry

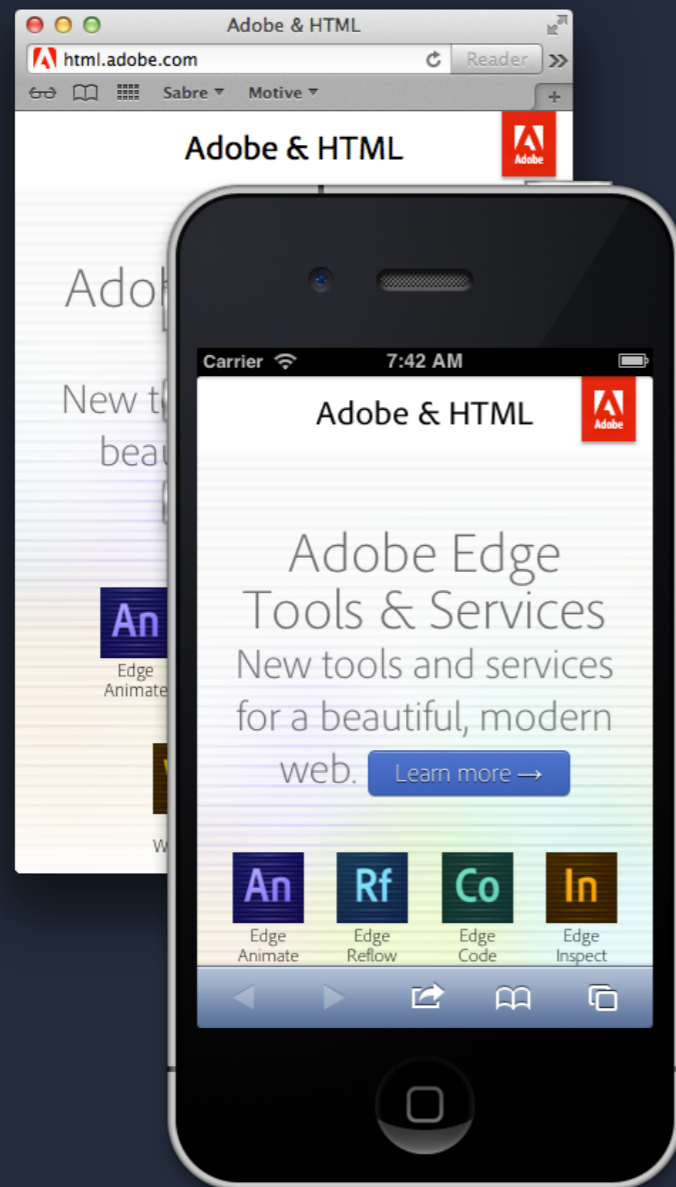
.NET ➤ Windows CE

HTML ➤ webOS

People want the same app  
on every device.



The Web  
Solved this long ago  
Looks identical everywhere



# Web Apps

Not installable

No offline mode

Limited functionality

Browser quirks



# PhoneGap

Installable web

Supports offline

Extends functionality

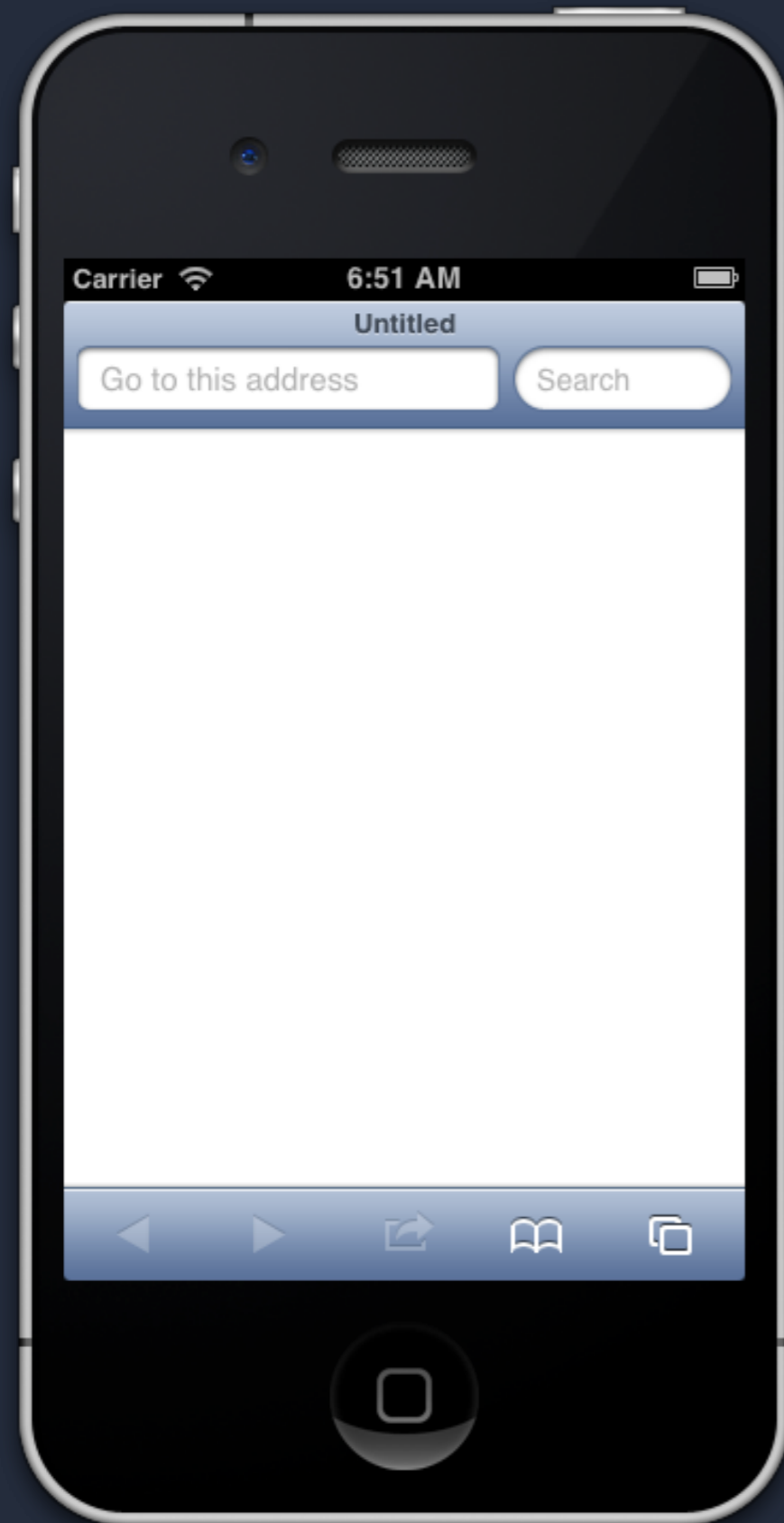
Polyfills browser

How it works



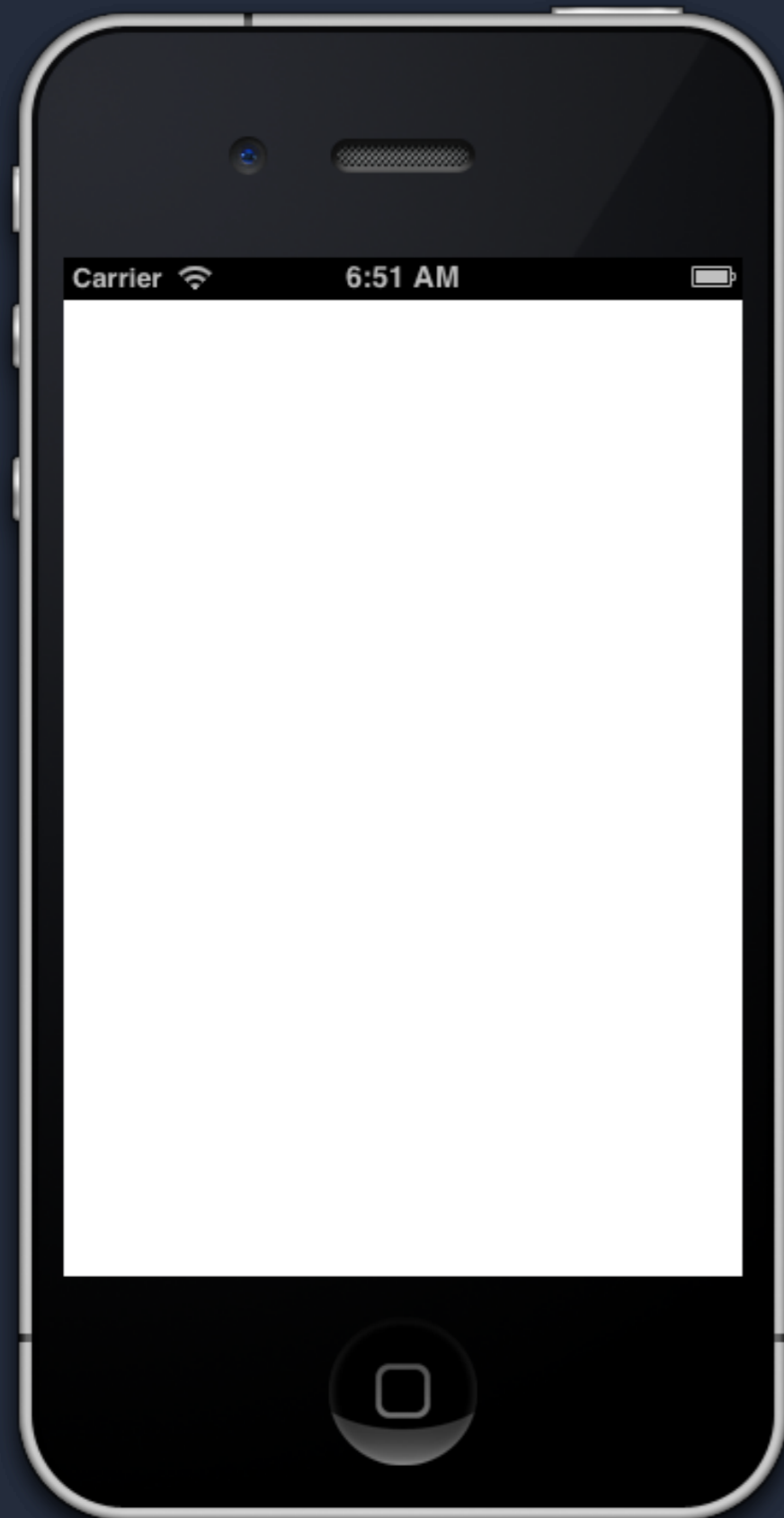
# How it works

Native application



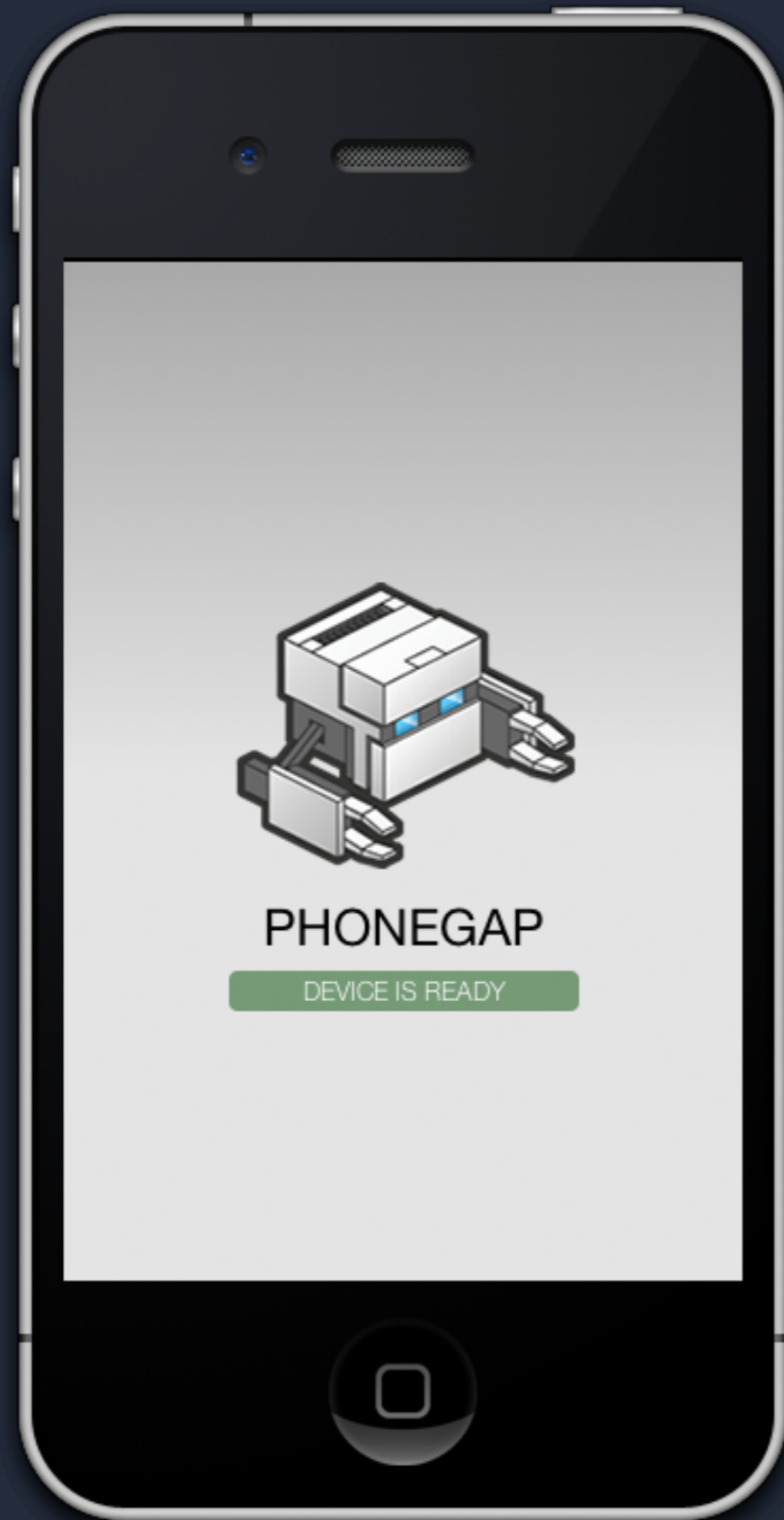
# How it works

Native application  
Fullscreen browser instance



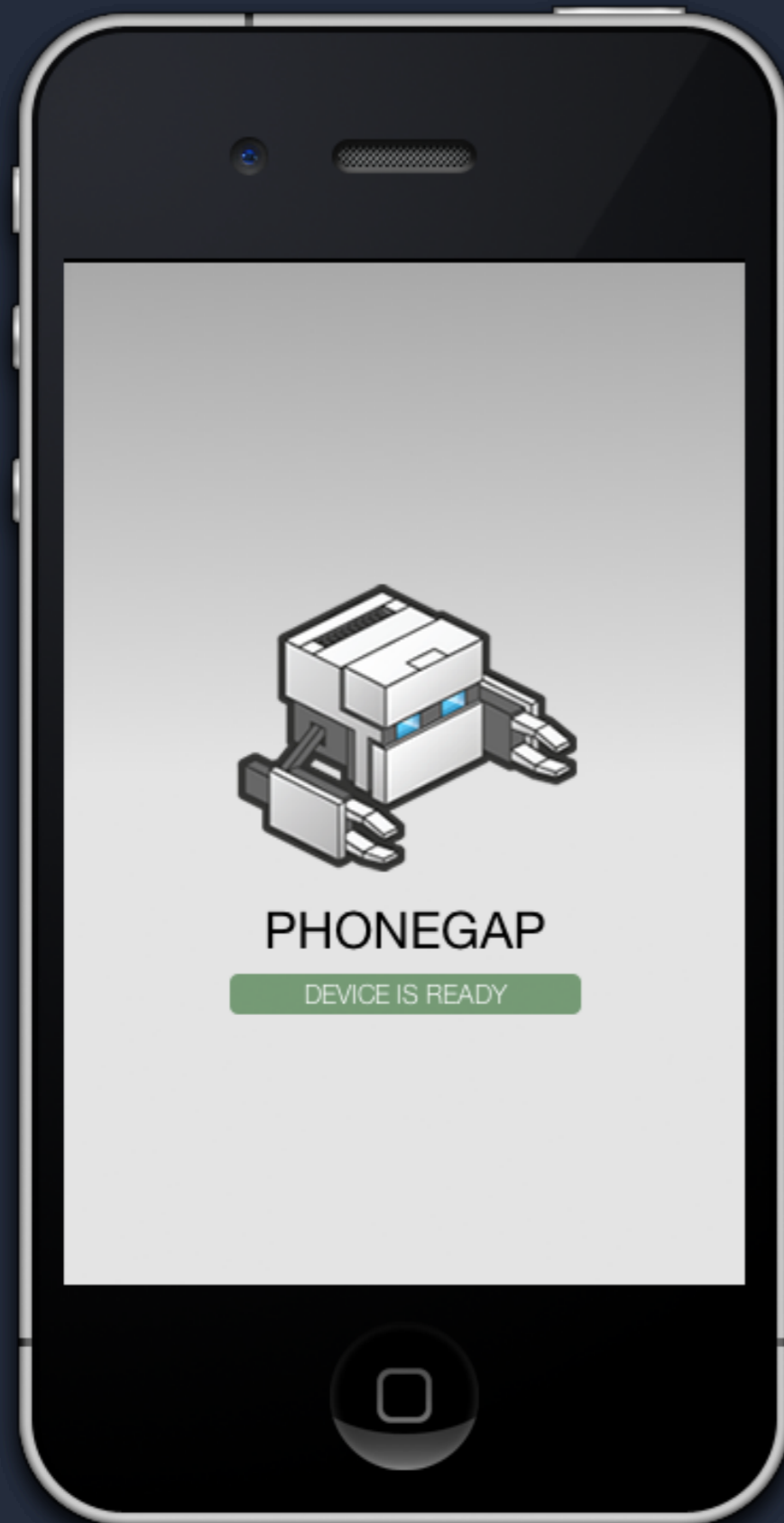
# How it works

Native application  
Fullscreen browser instance  
Without an interface



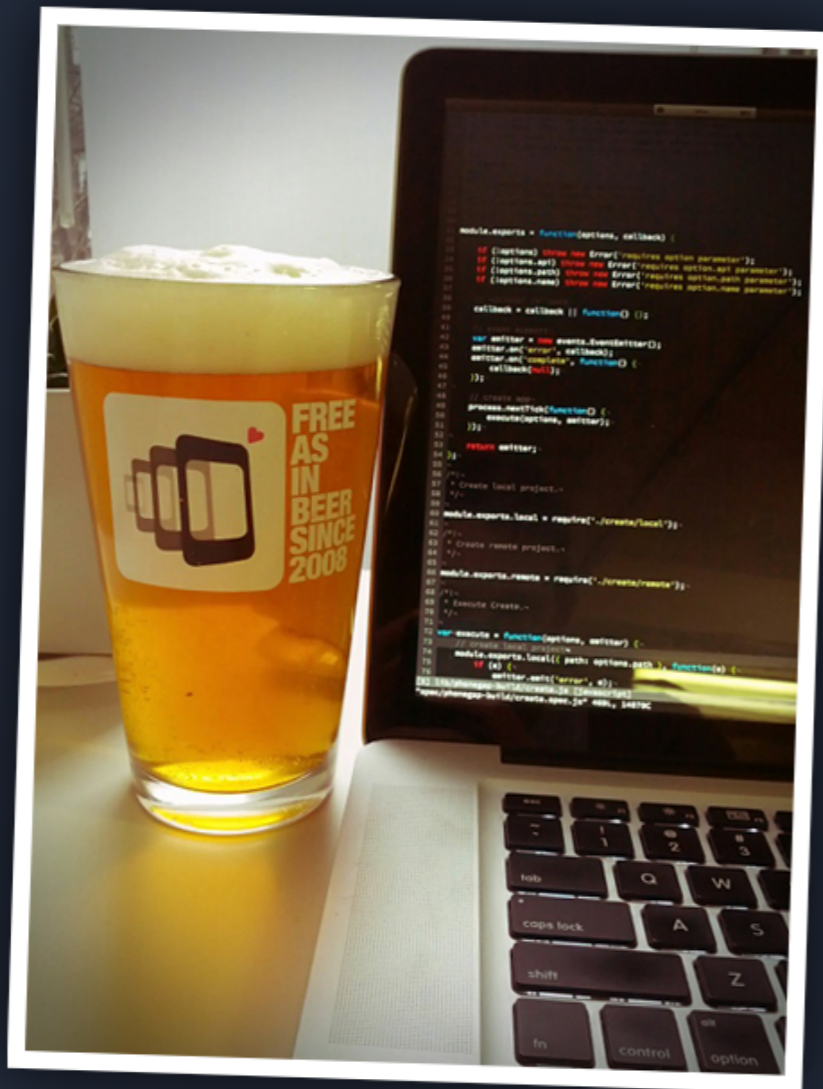
# How it works

Native application  
Fullscreen browser instance  
Without an interface  
Loading local HTML file



# How it works

Native application  
Fullscreen browser instance  
Without an interface  
Loading local HTML file  
Binding JavaScript-to-Native



Open Sourced  
Free as in beer in 2008  
Licensed Apache 2.0

# Fast forward to 2015

80+ contributors

100+ community groups

523,685 new users in 2014

10-20% of app store top free 100

# PhoneGap Today

in **three** parts



part one

# Apache Cordova

Hybrid app development engine

# Active contributor community

Powers various hybrid app platforms



Active contributor community

Powers various hybrid app platforms

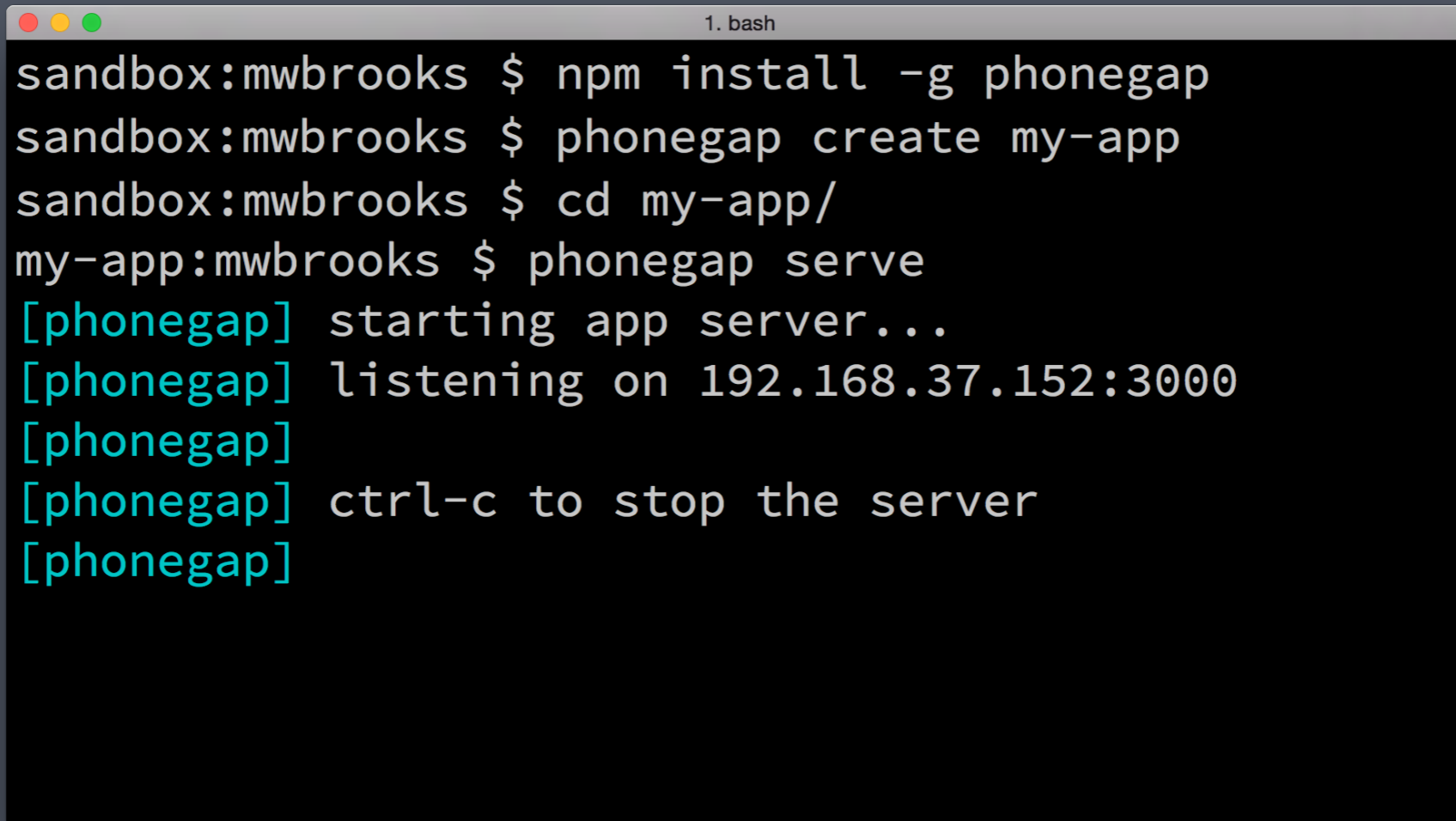


part two

# PhoneGap

Hybrid mobile development

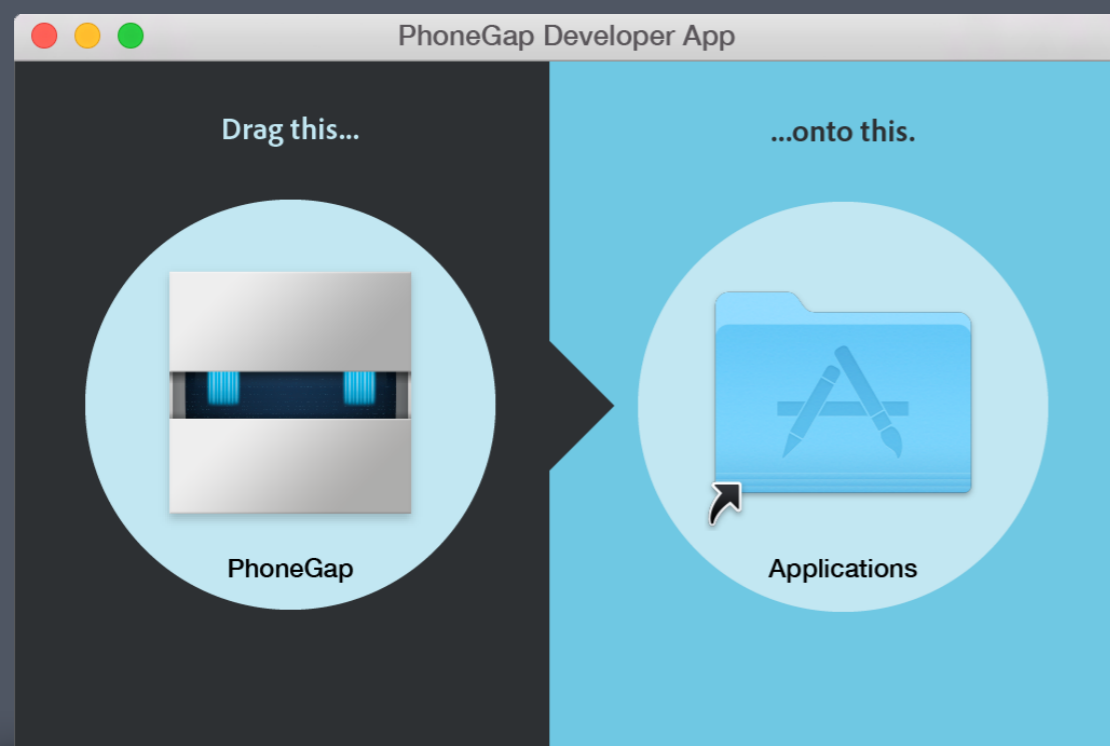
# Command-line Interface

A terminal window with a title bar containing three colored circles (red, yellow, green) and the text "1. bash". The terminal displays a series of commands and their outputs. The commands are entered in white text, and the outputs are in cyan text. The commands are: "npm install -g phonegap", "phonegap create my-app", "cd my-app/", and "phonegap serve". The outputs are: "starting app server...", "listening on 192.168.37.152:3000", and "ctrl-c to stop the server".

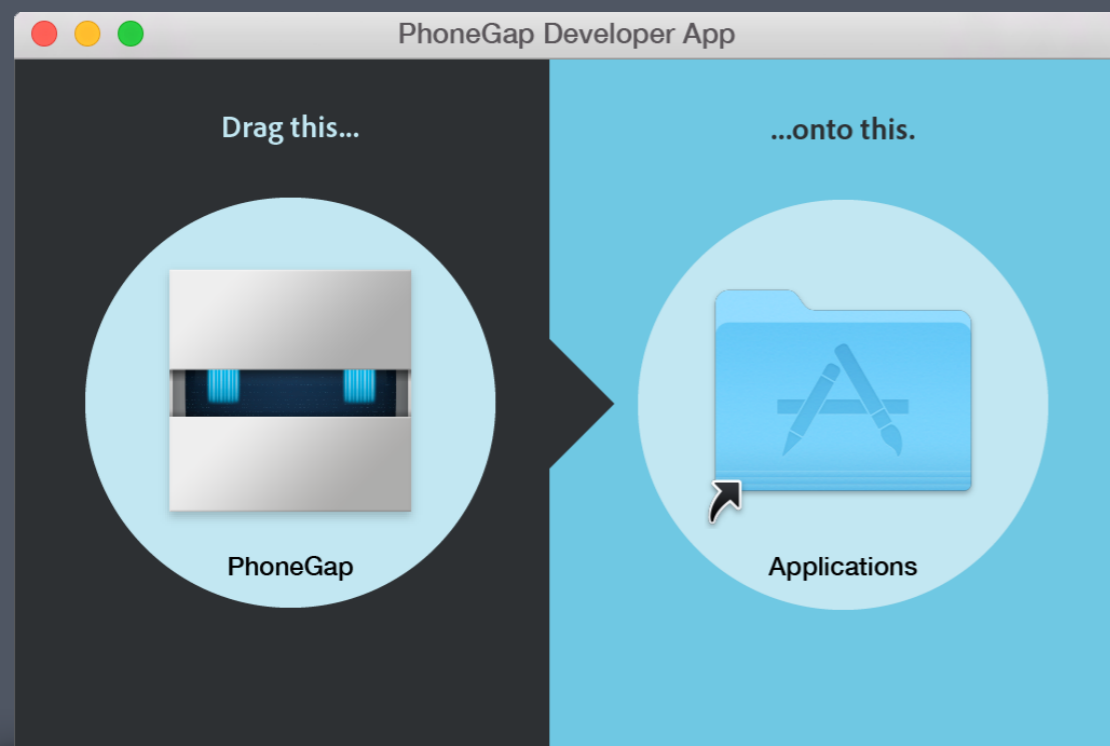
```
sandbox:mwbrooks $ npm install -g phonegap
sandbox:mwbrooks $ phonegap create my-app
sandbox:mwbrooks $ cd my-app/
my-app:mwbrooks $ phonegap serve
[phonegap] starting app server...
[phonegap] listening on 192.168.37.152:3000
[phonegap]
[phonegap] ctrl-c to stop the server
[phonegap]
```

Terminal not your kinda window?

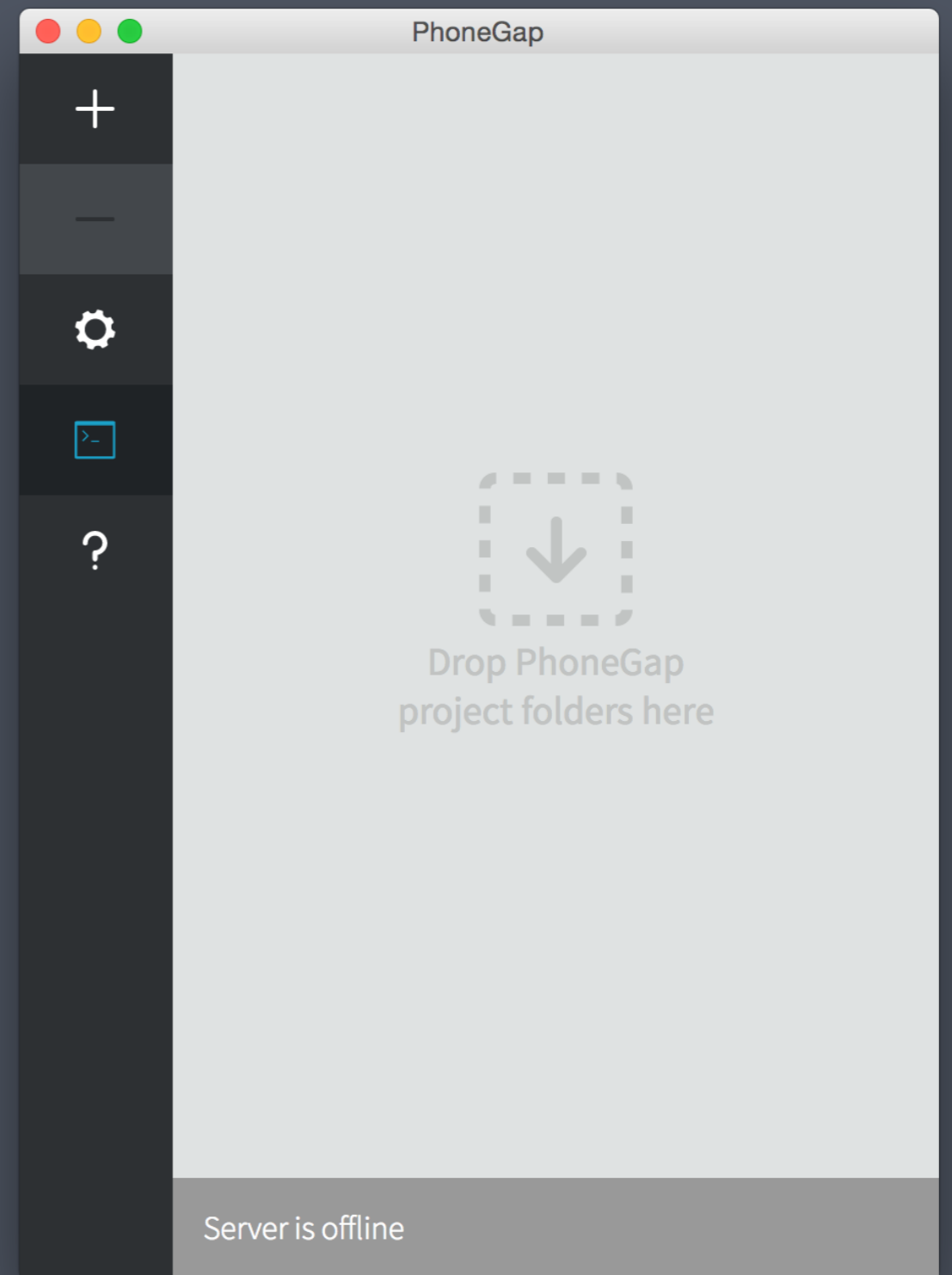
Try the PhoneGap Desktop app

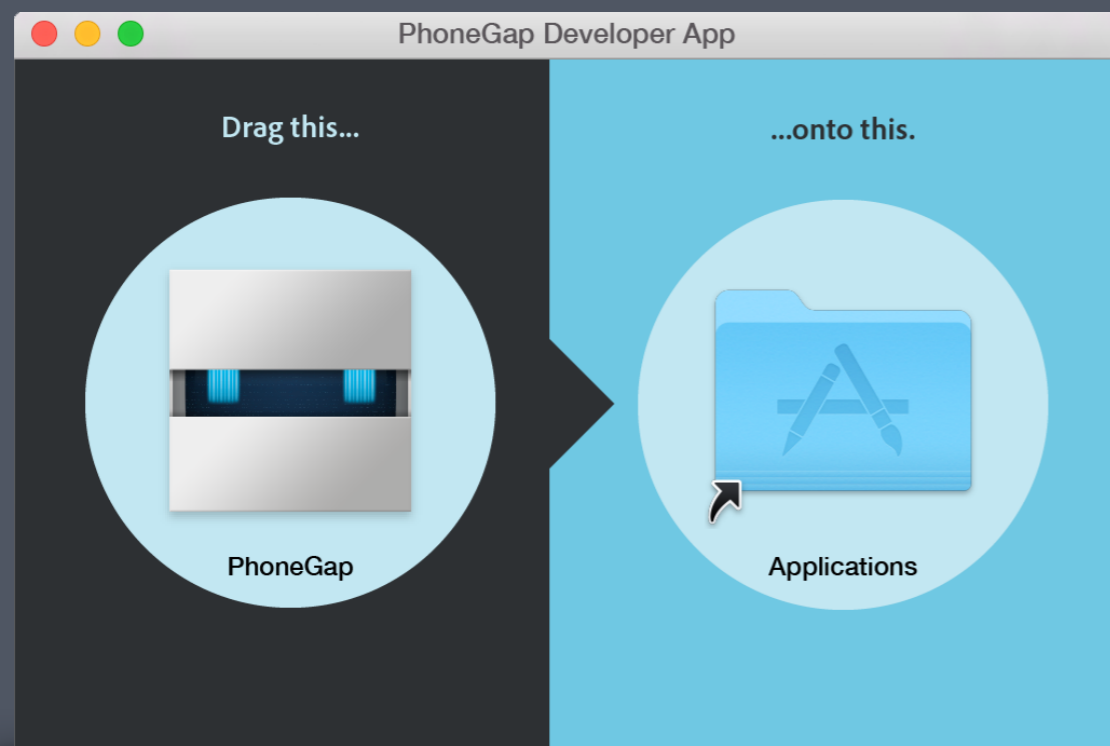


Windows supported too!

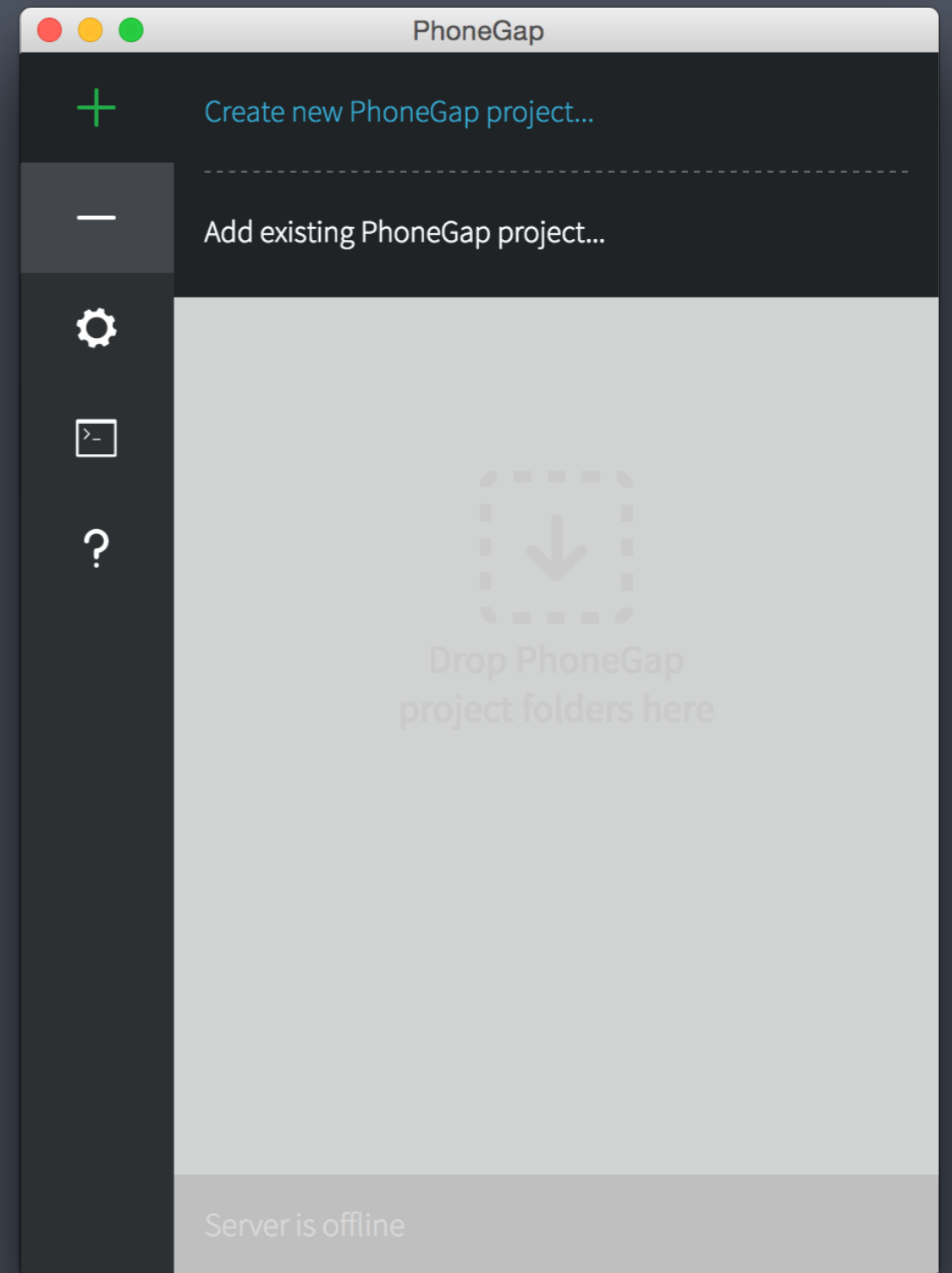


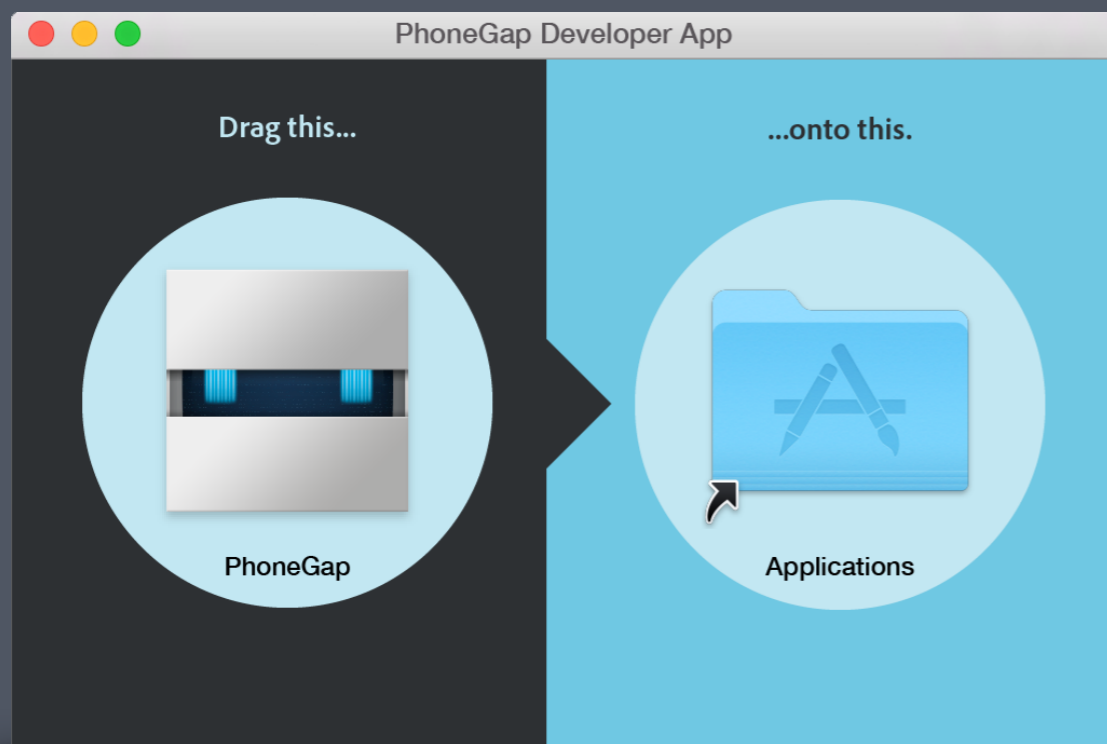
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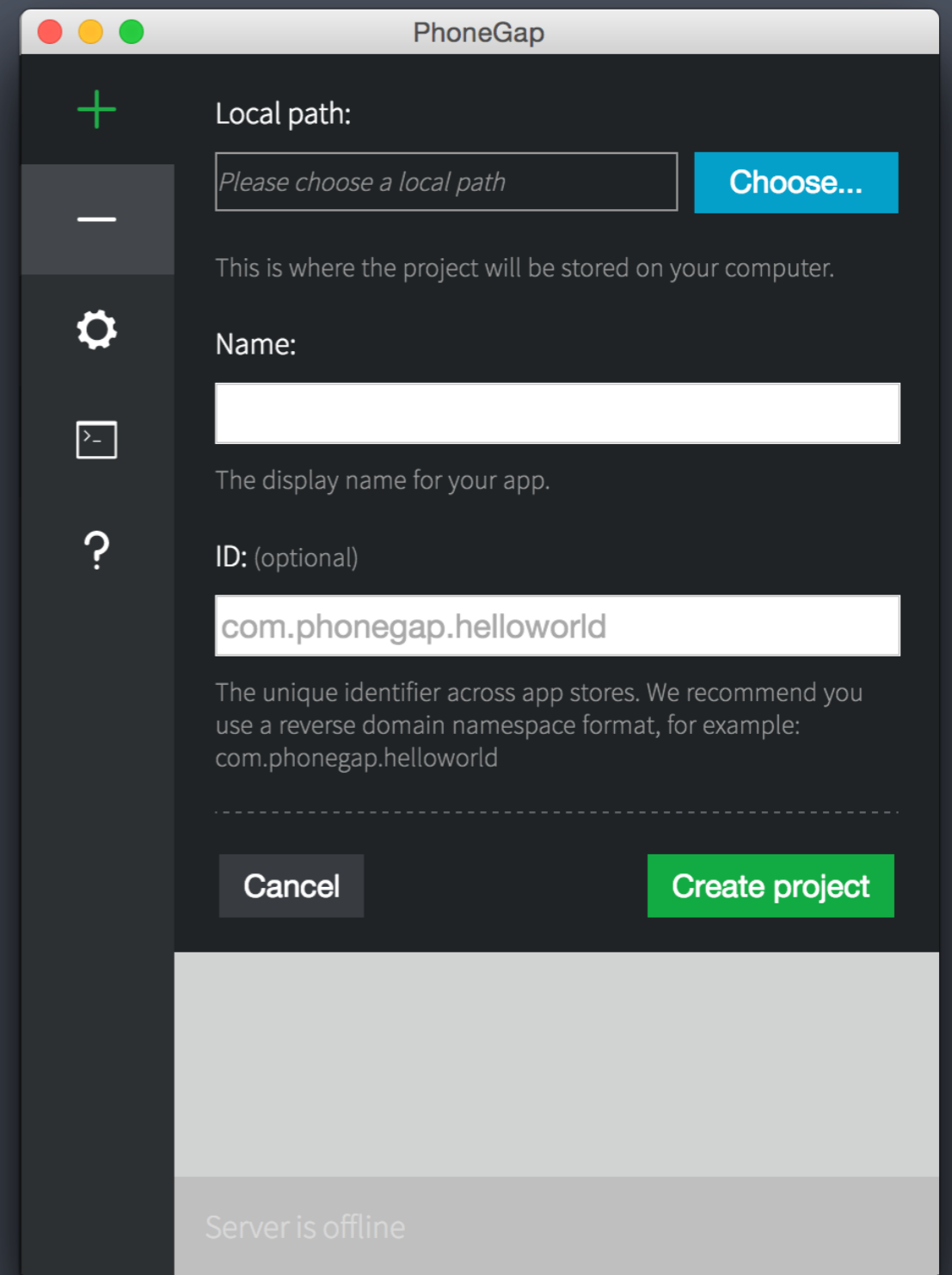


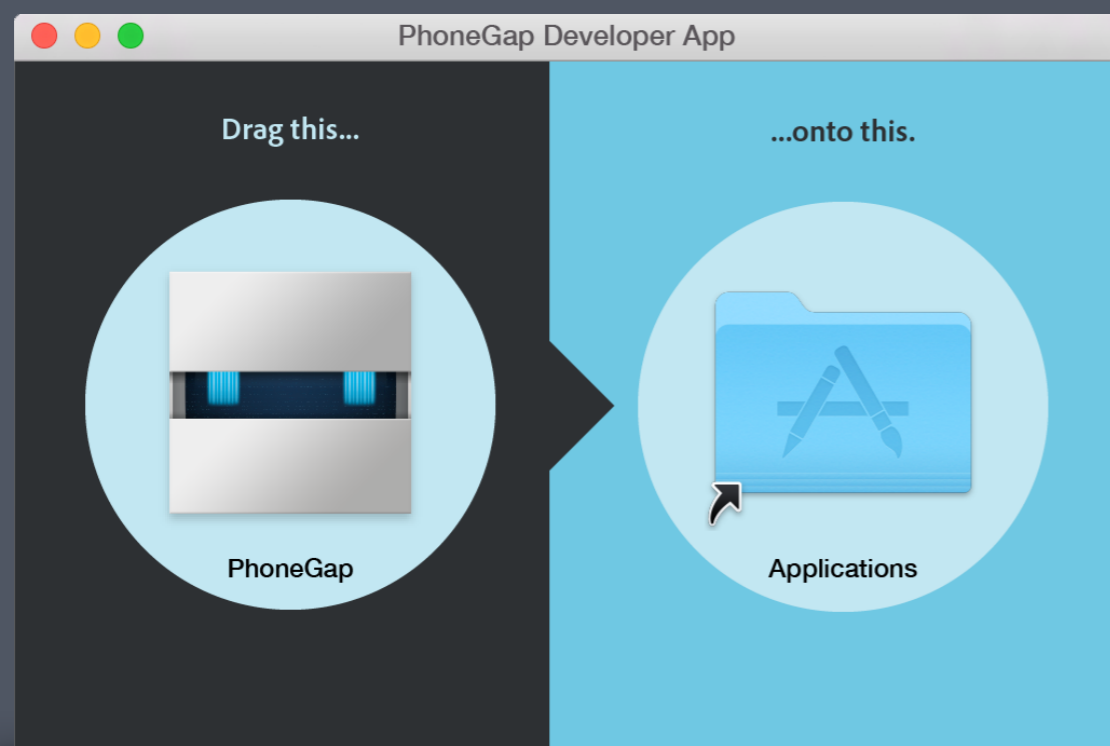
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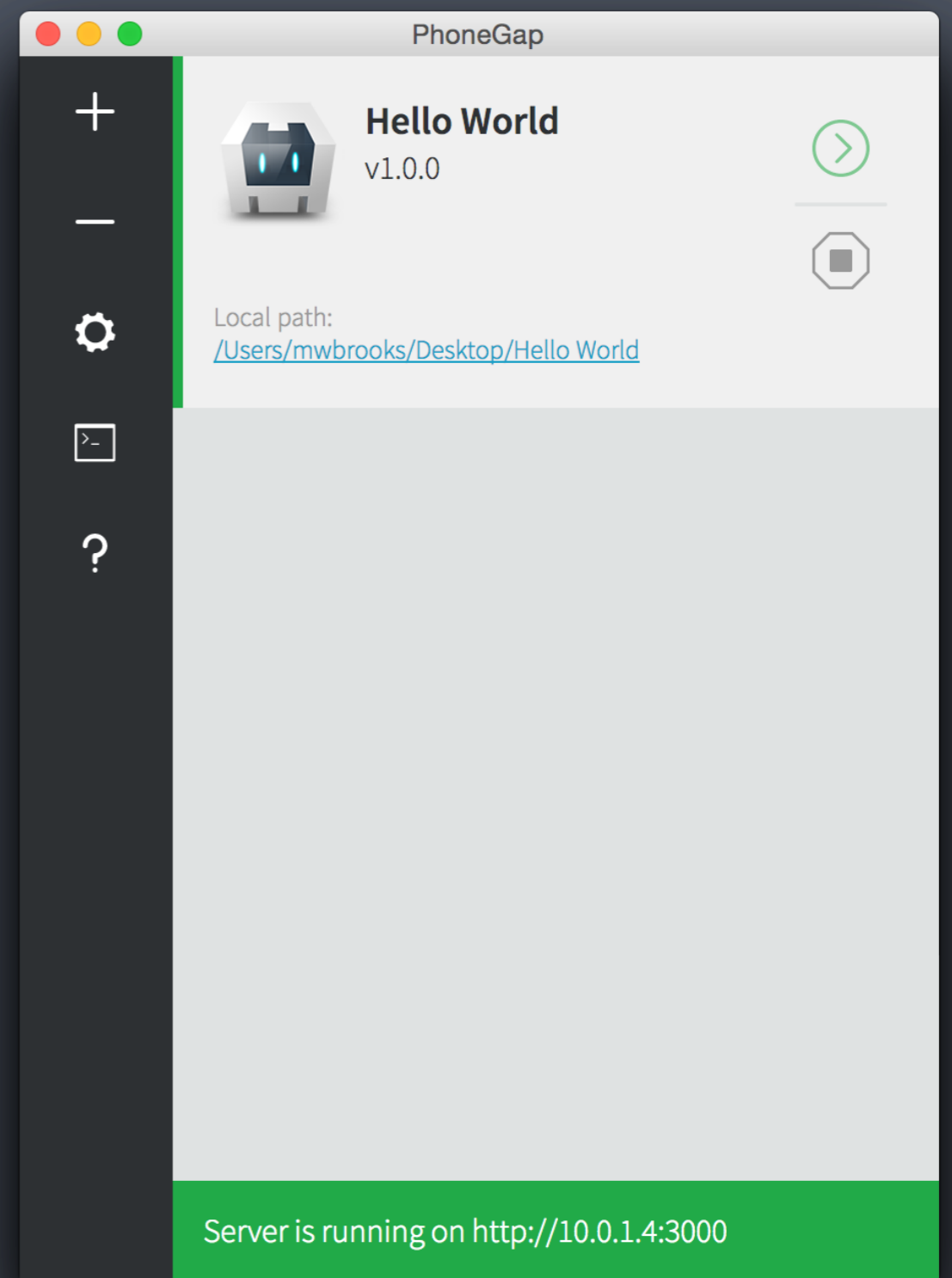


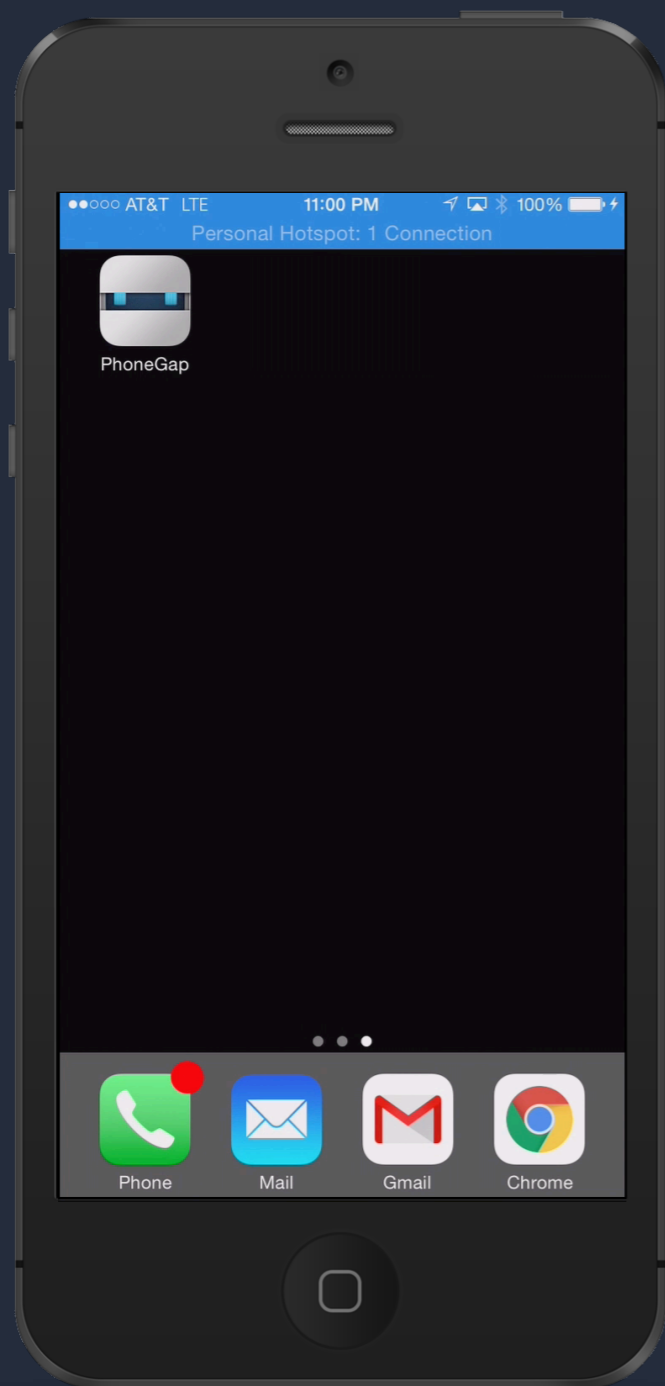
Windows supported too!





Windows supported too!





# PhoneGap Developer App



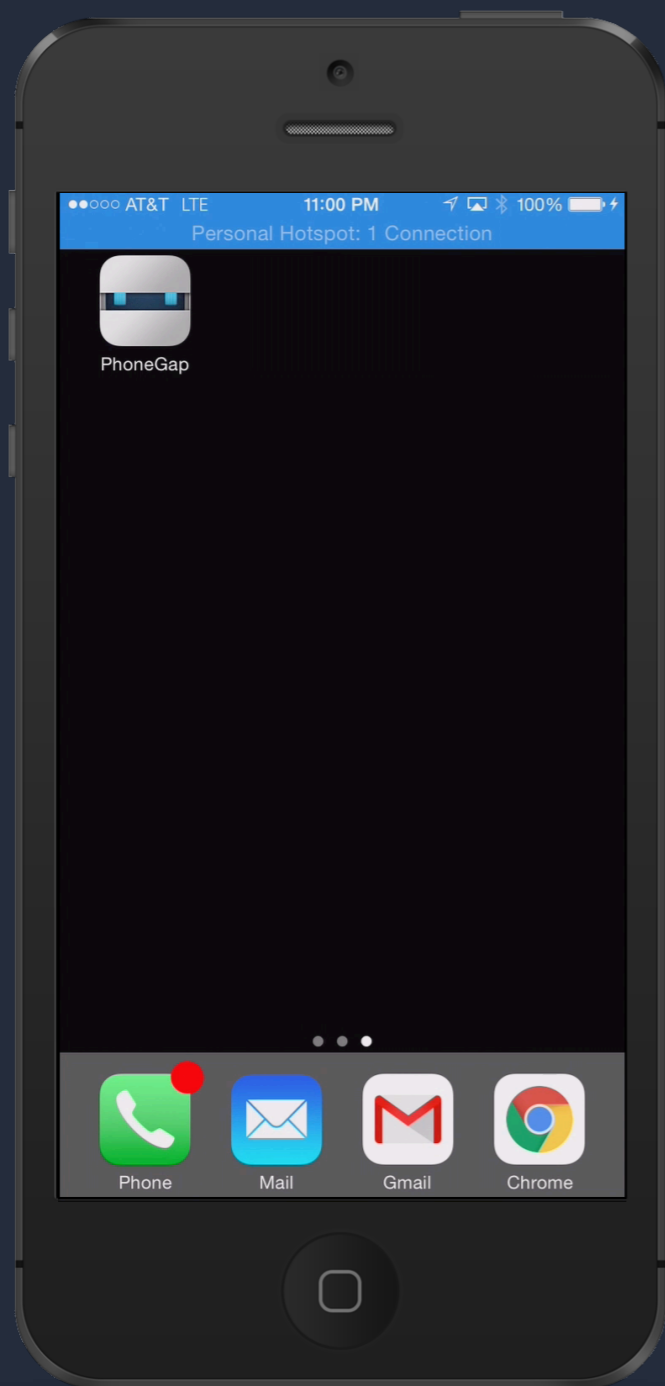
Apple App Store



Google Play Store



Windows Phone Store



# PhoneGap Developer App



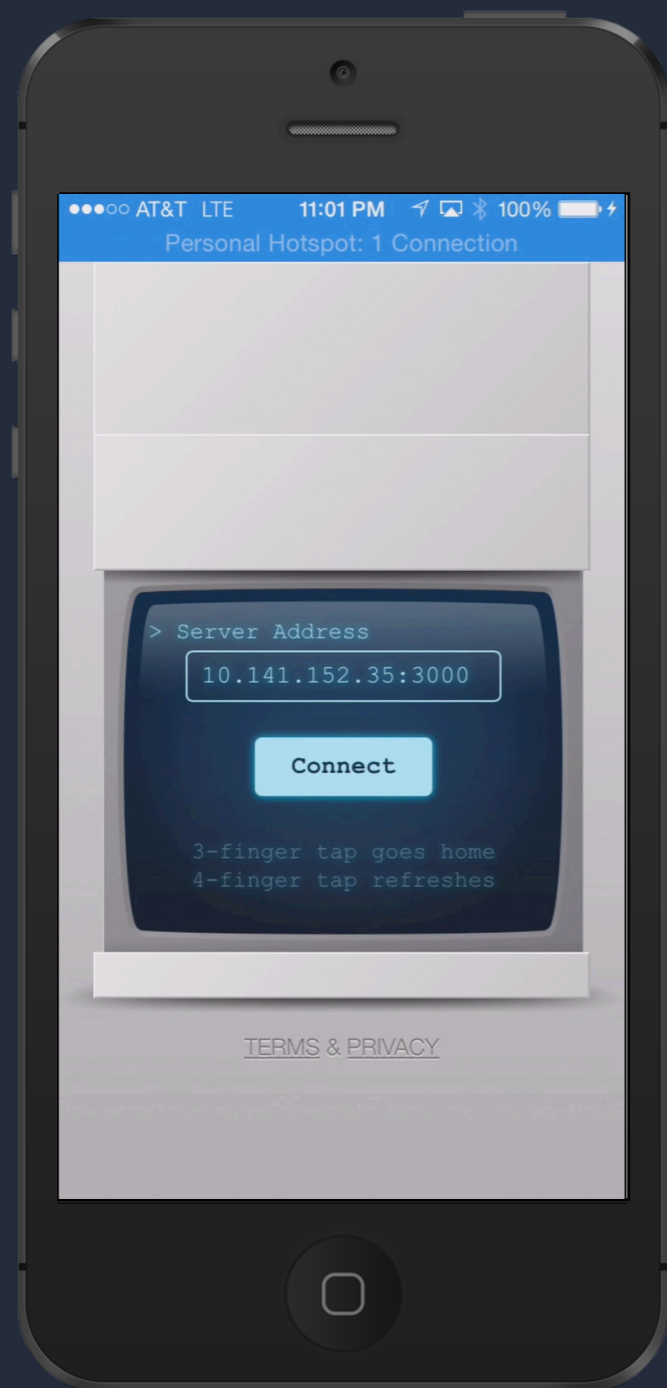
Apple App Store



Google Play Store



Windows Phone Store



# PhoneGap Developer App



Apple App Store



Google Play Store



Windows Phone Store



# PhoneGap Developer App



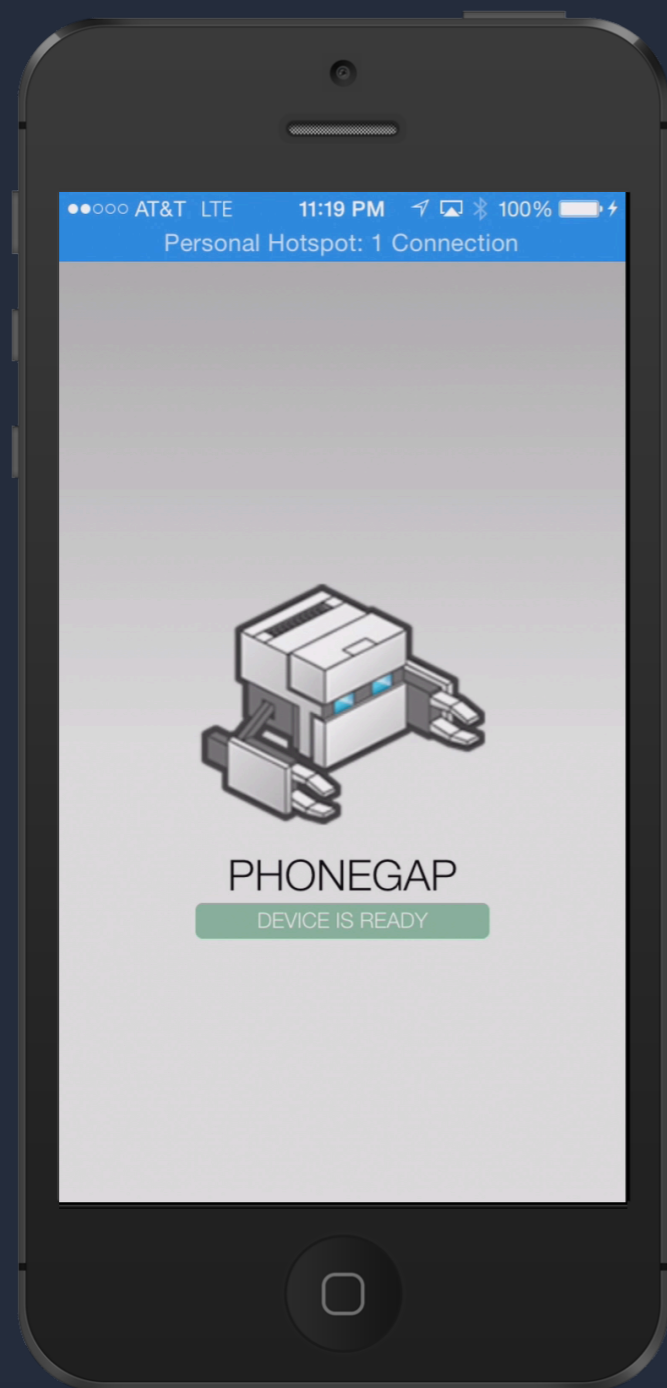
Apple App Store



Google Play Store



Windows Phone Store



# PhoneGap Developer App



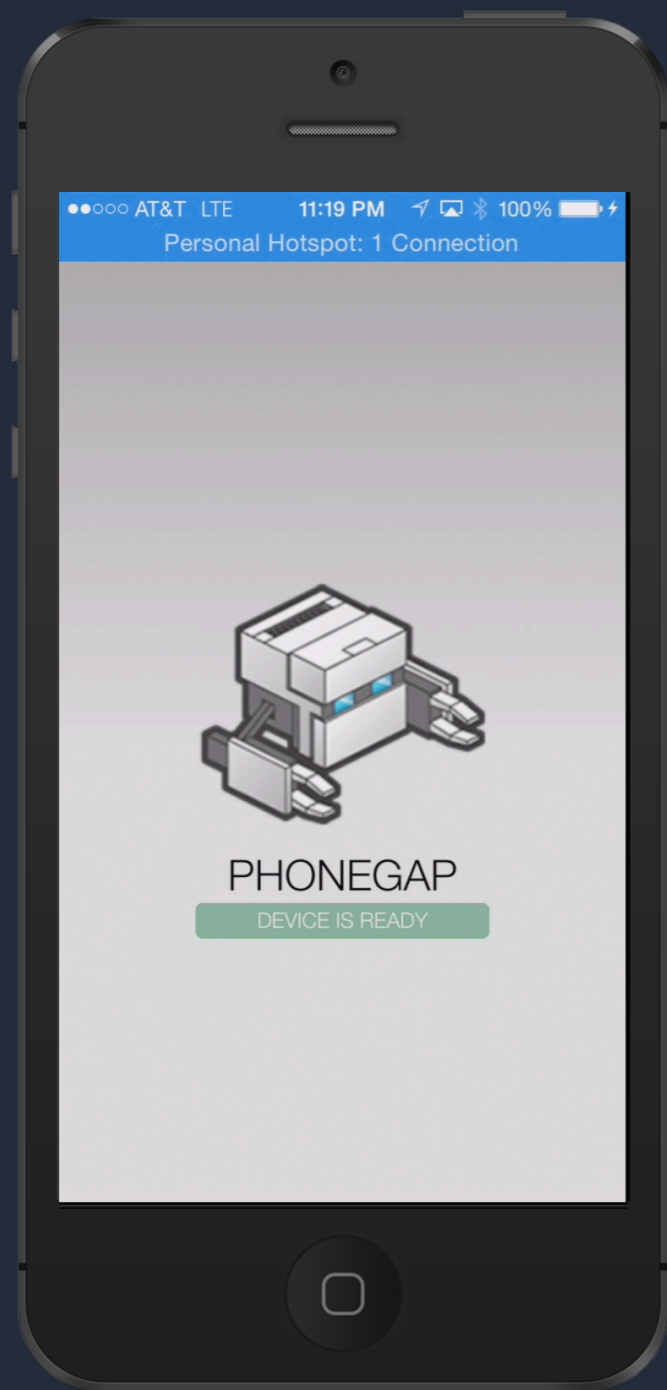
Apple App Store



Google Play Store



Windows Phone Store



# PhoneGap Developer App



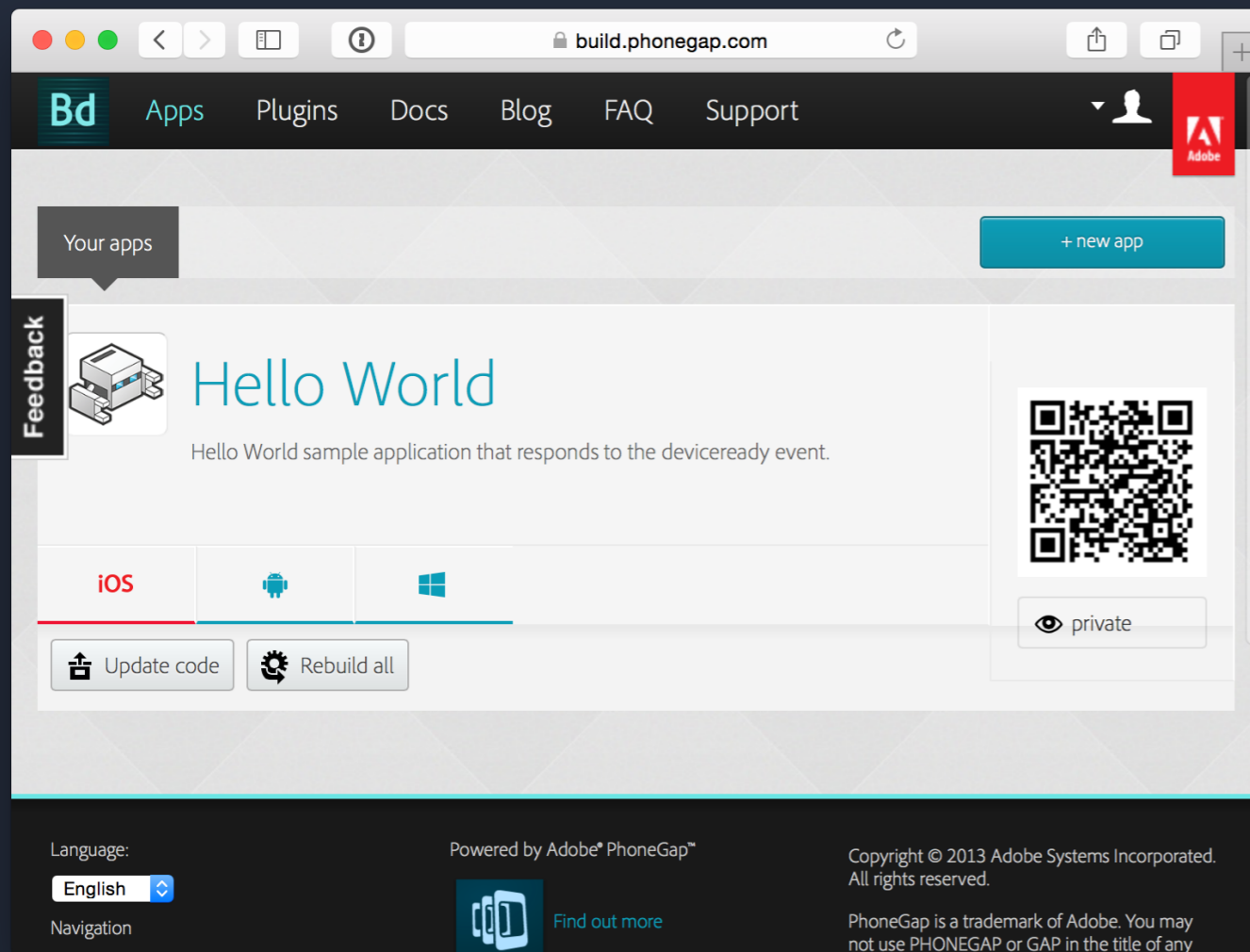
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Windows Phone Store

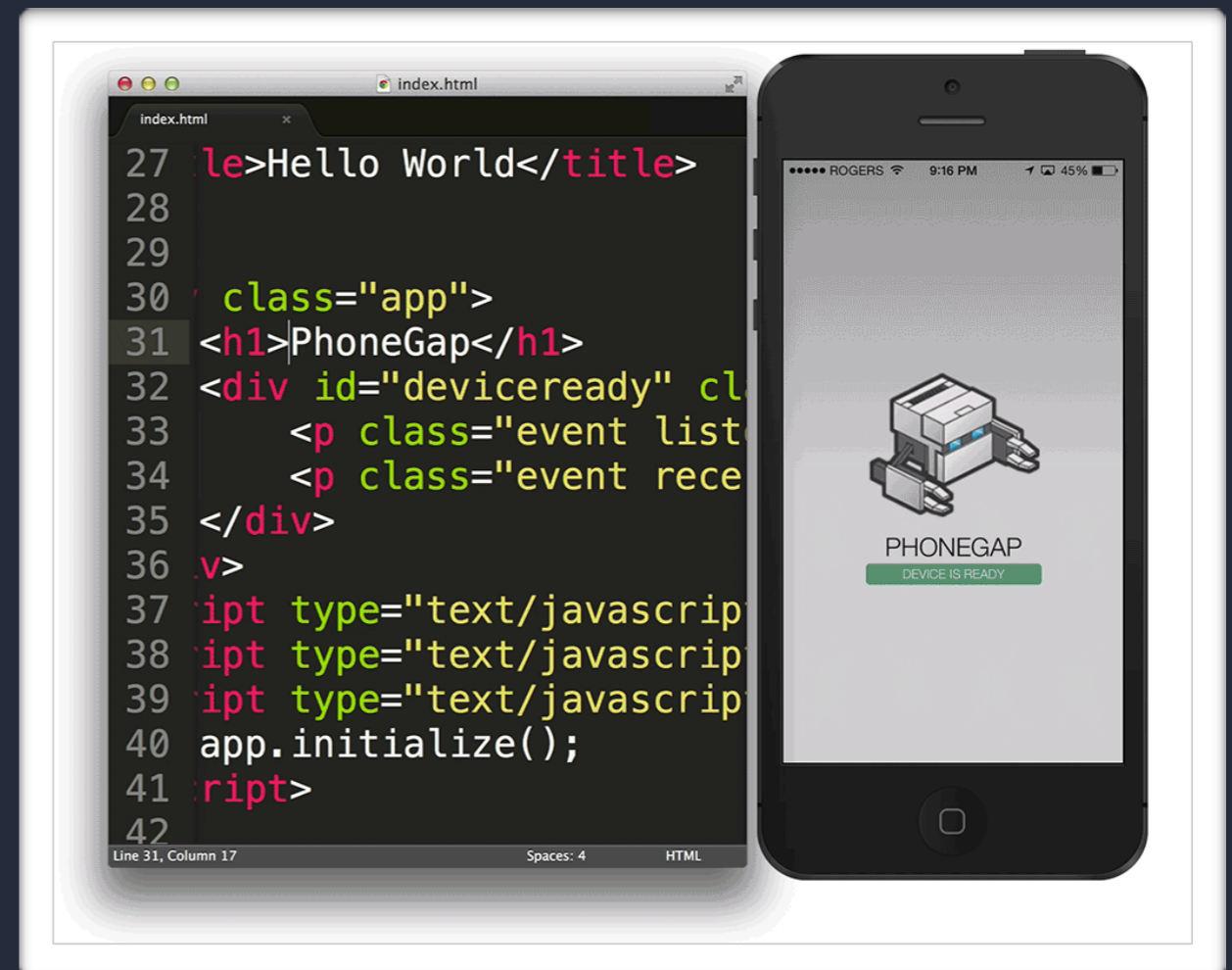
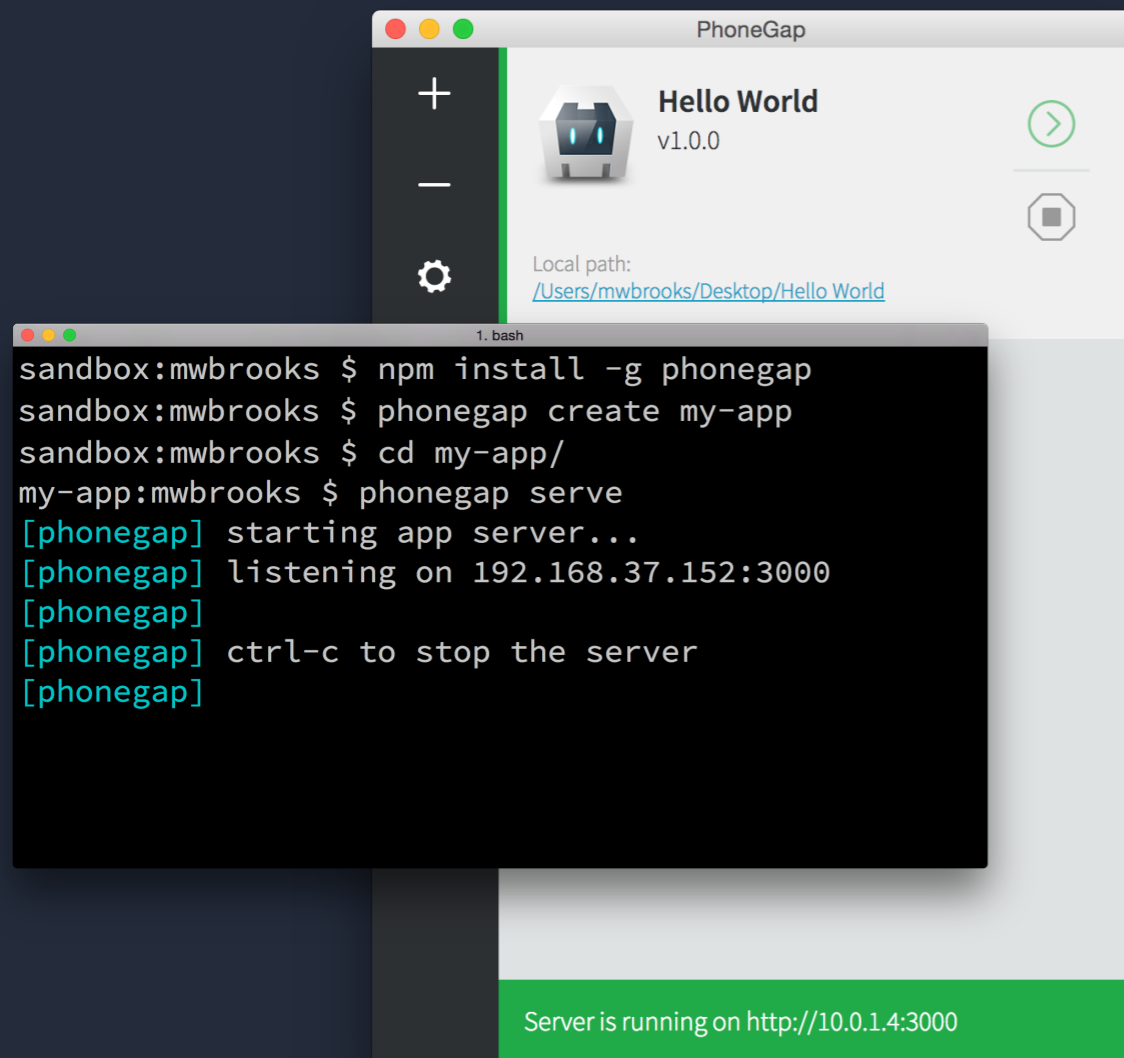


# PhoneGap Build

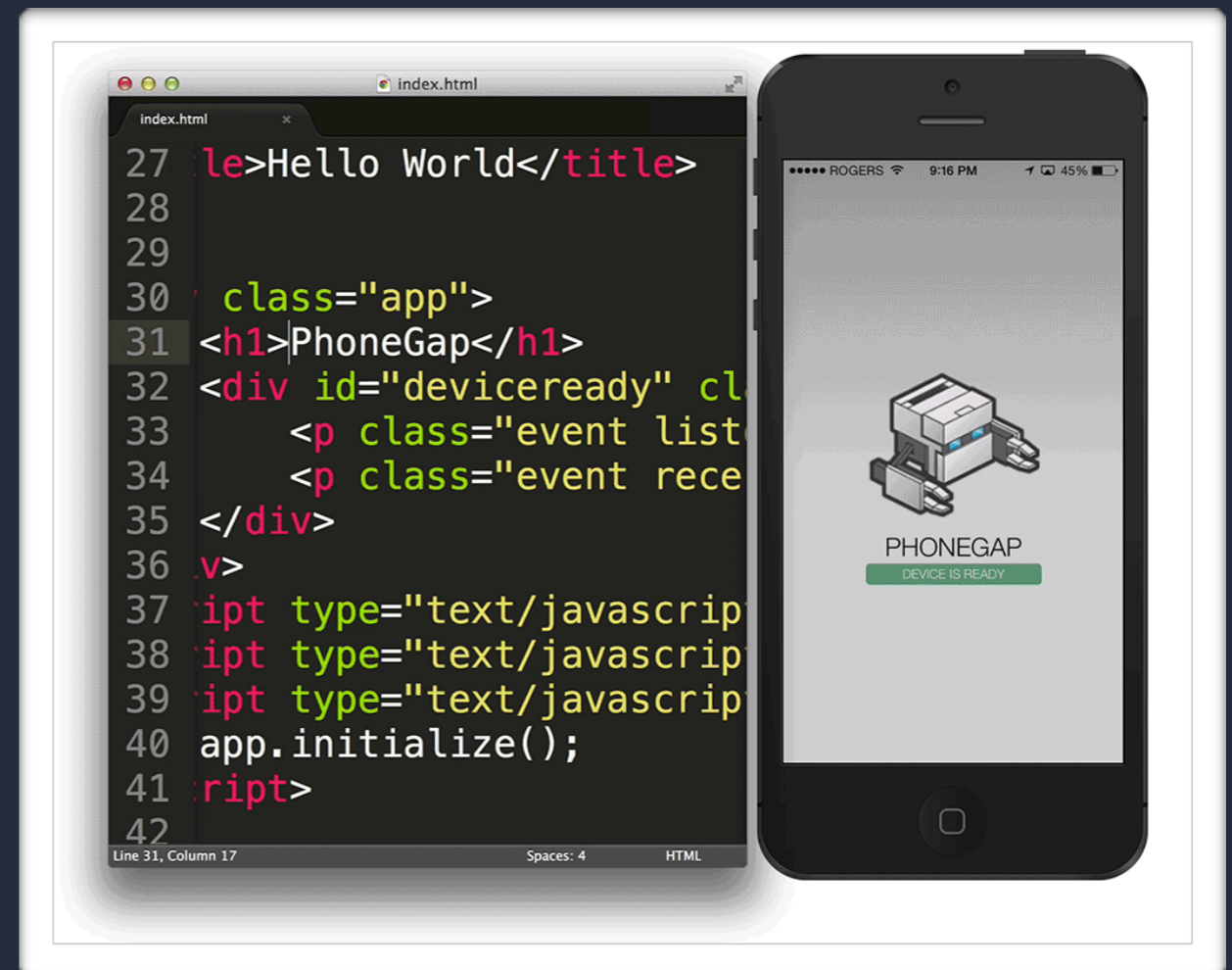
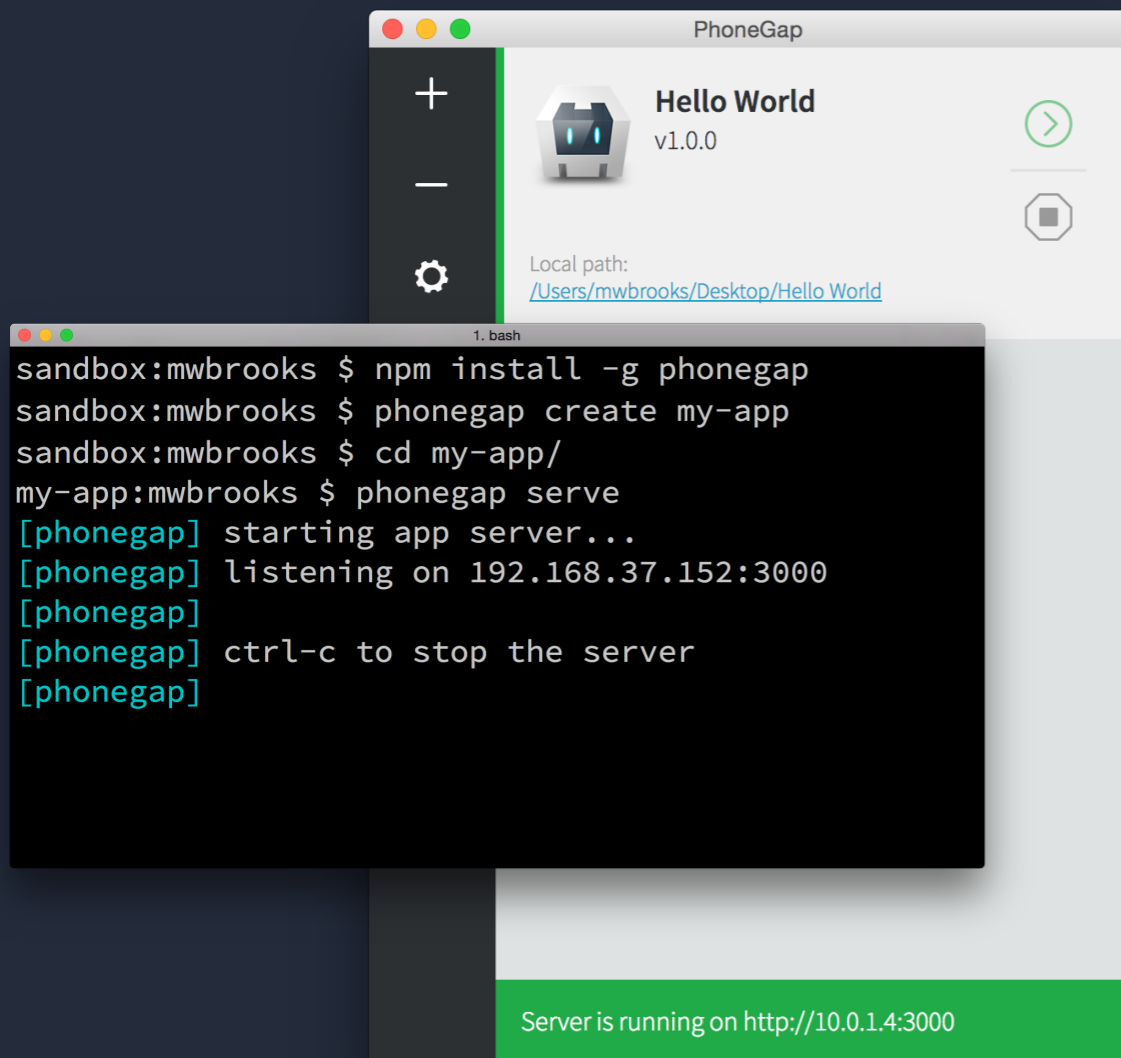
## cloud compiler



# Putting it all together



# Putting it all together

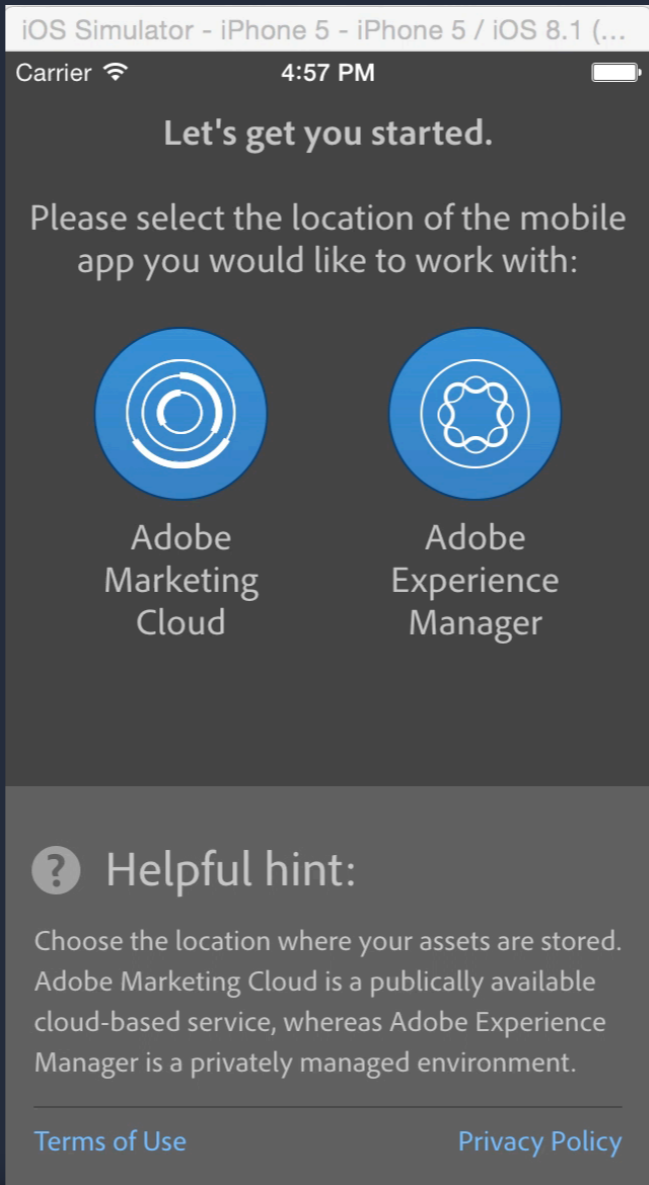


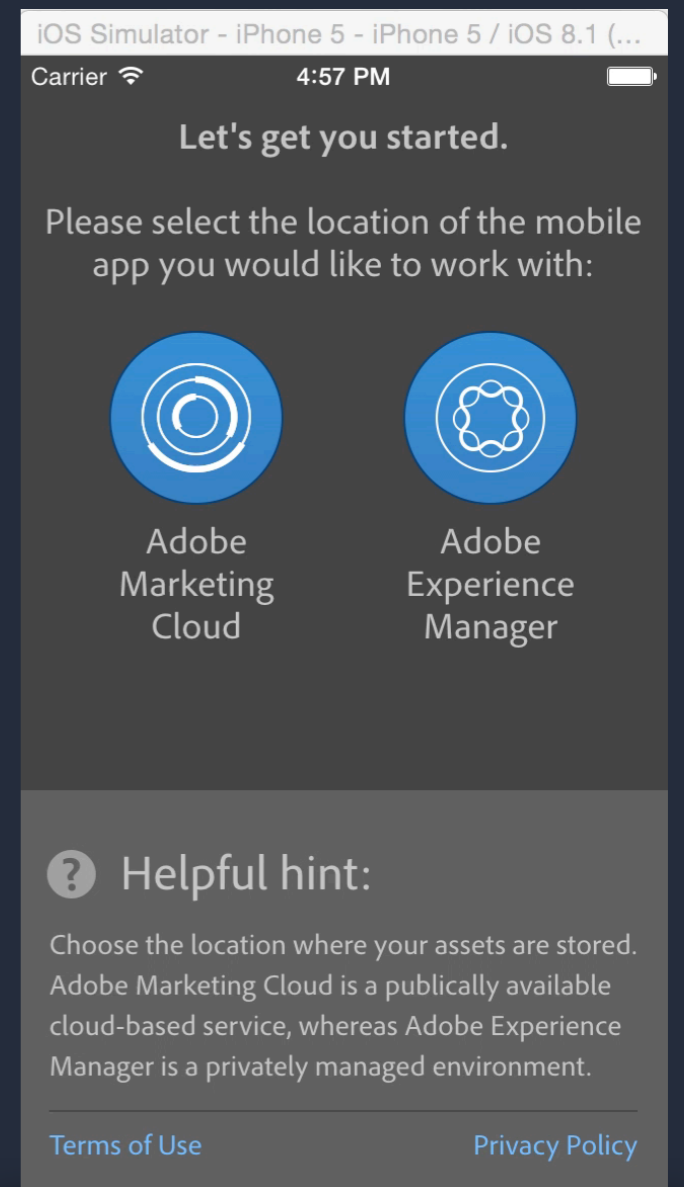
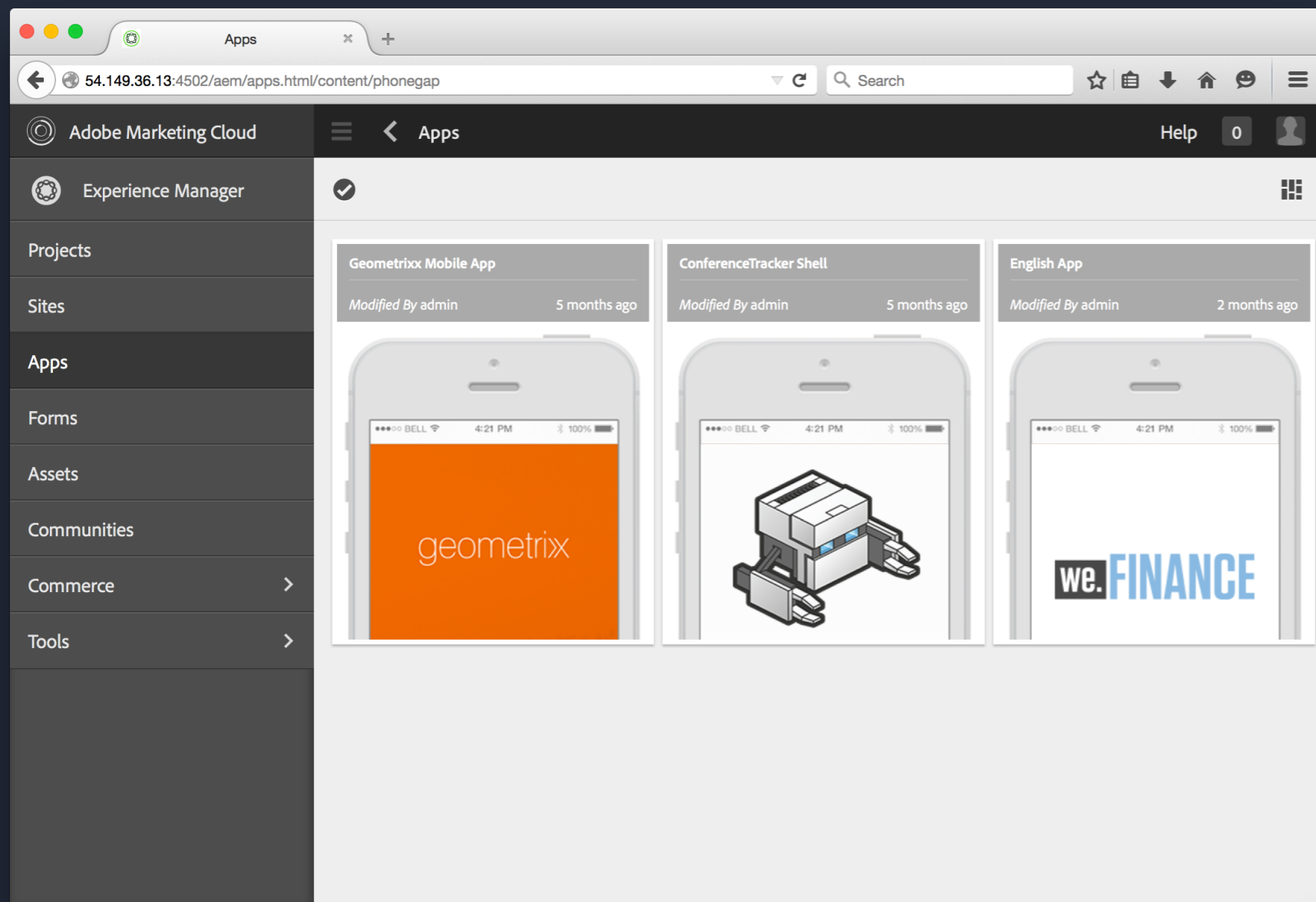


part three

# PhoneGap Enterprise

Mobile app development in





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

[github.com/phonegap](https://github.com/phonegap)

Cheers!

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