

# iOS

PhoneGap, App Store

# Thanks!

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# CSCI E-75: Building Dynamic Websites

cs75.tv

# CSCI E-52: Intensive Introduction to Computer Science

cs50.tv

# CSCI E-259: XML with Java

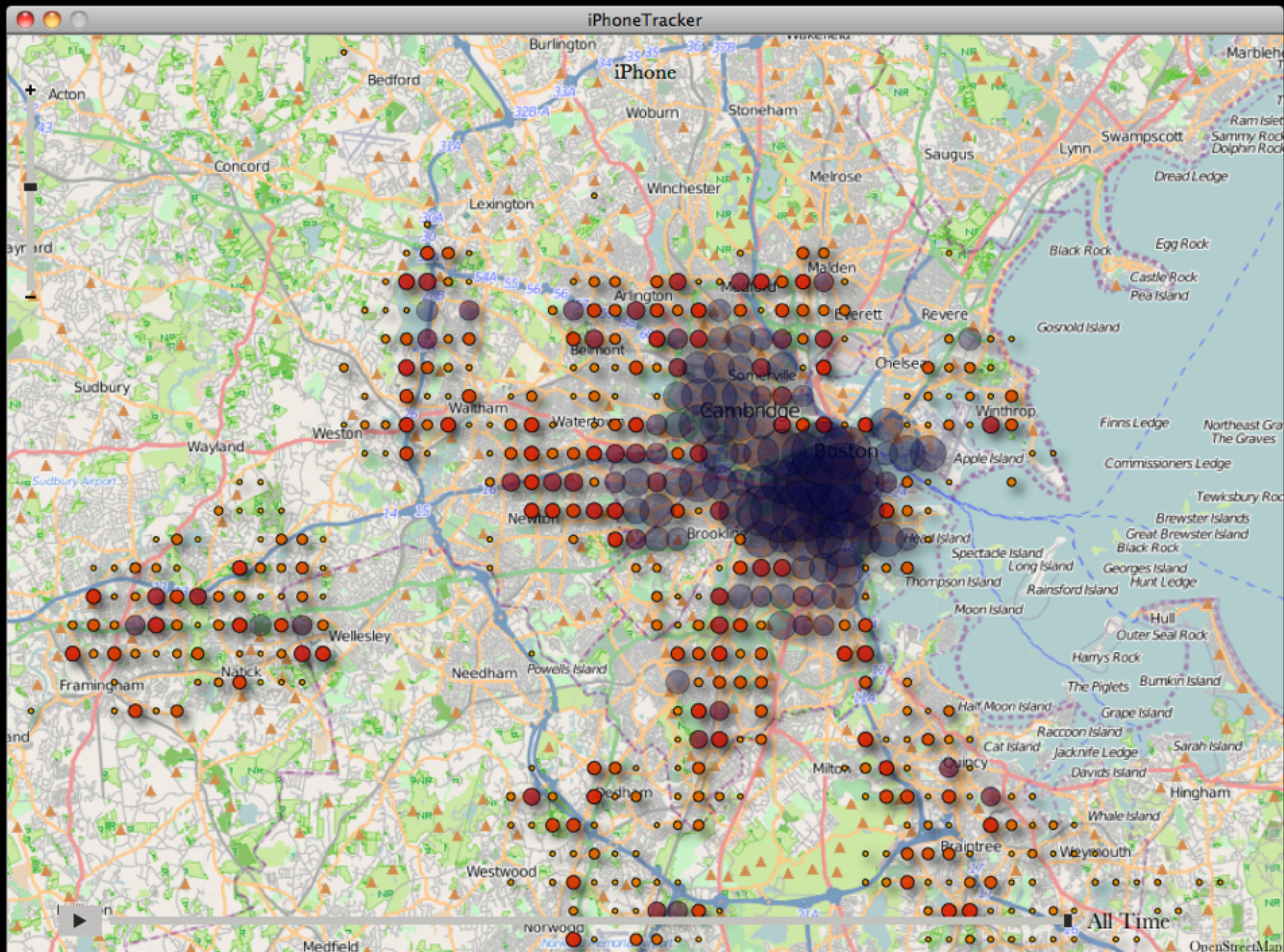
[cs259.tv](http://cs259.tv)

# iPhone Tracker

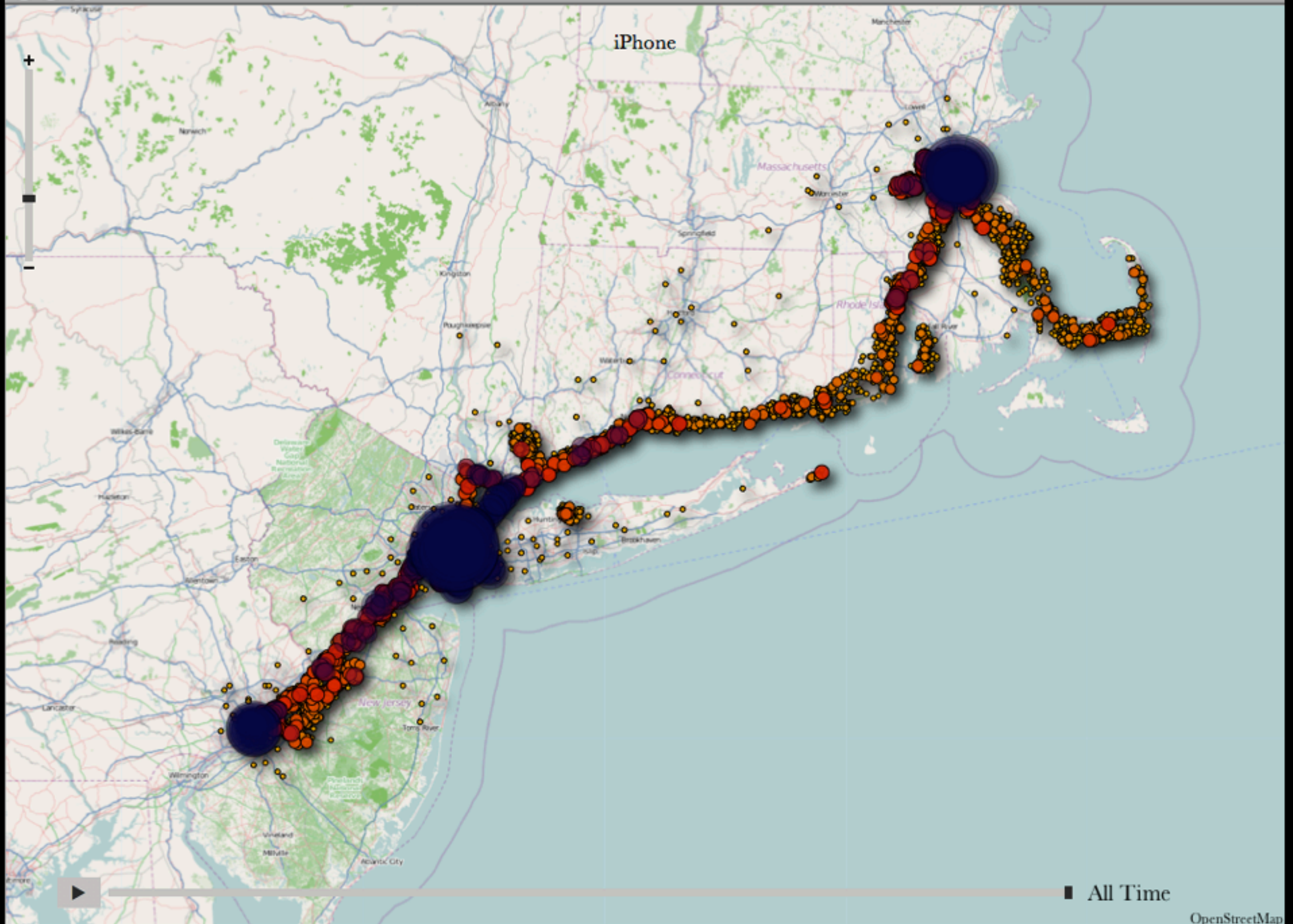
<http://petewarden.github.com/iPhoneTracker/>



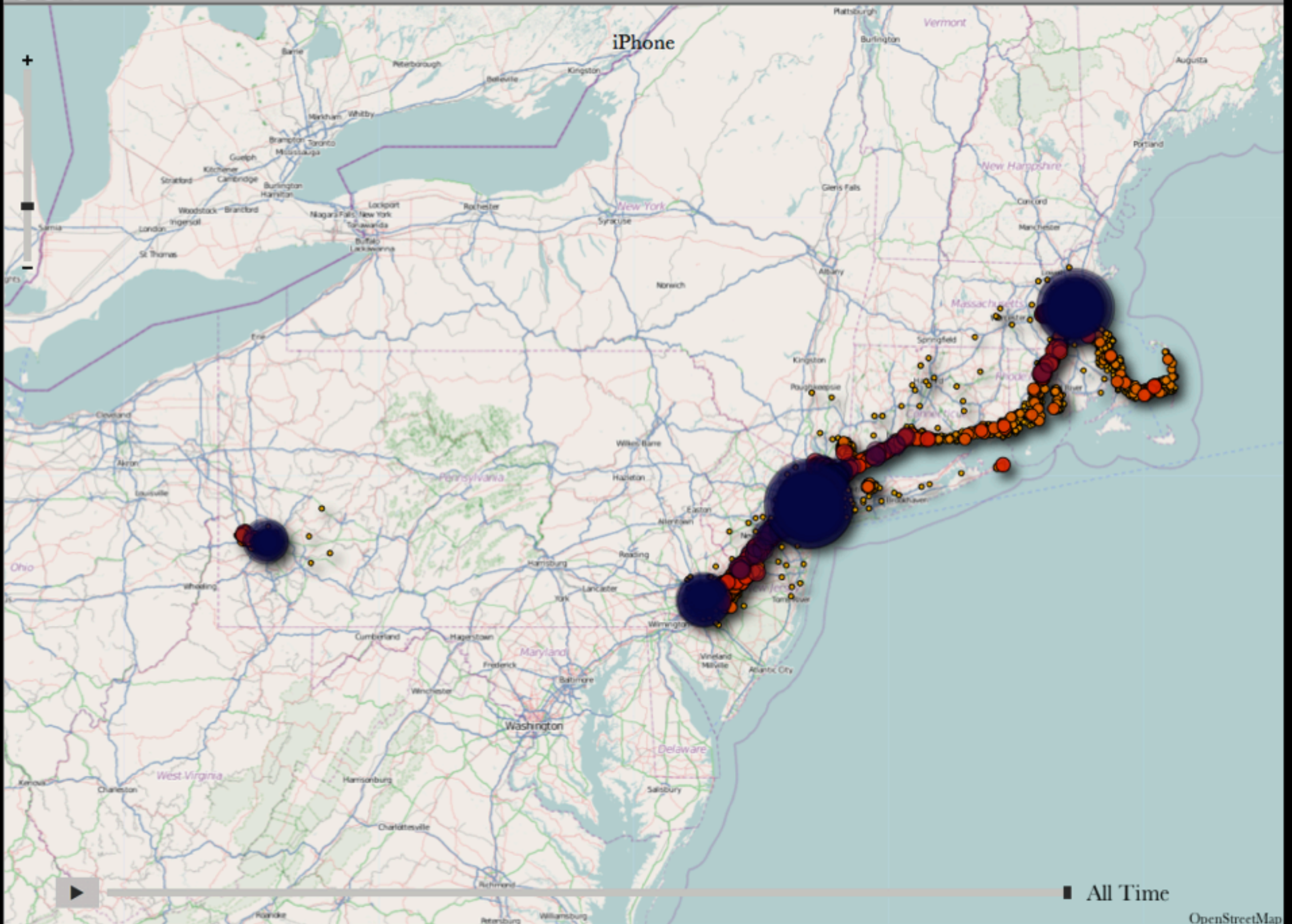












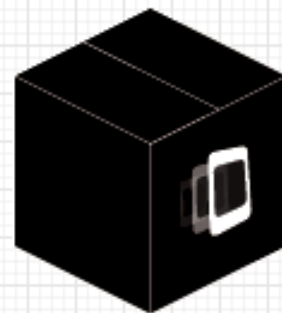
web apps v. native apps

## ➤ How PhoneGap Works



### ➤ Build your app once with **web-standards**

Based on HTML5, PhoneGap leverages web technologies developers already know best... HTML and JavaScript.



### ➤ Wrap it with **PhoneGap**


Using the free open source framework or PhoneGap build you can get access to native APIs.



### ➤ Deploy to **multiple** platforms!

PhoneGap uses standards-based web technologies to bridge web applications and mobile devices.



	 iPhone / iPhone 3G	 iPhone 3GS and newer		 OS 4.6-7	 OS 5.x	 OS 6.0+			
ACCELEROMETER	✓	✓	✓	✗	✓	✓	✓	✓	✓
CAMERA	✓	✓	✓	✗	✓	✓	✗	✗	✓
COMPASS	✗	✓	✓	✗	✗	✗	✗	✗	✗
CONTACTS	✓	✓	△	✗	✓	✓	✗	✓	✓
FILE	✗	✗	✓	✗	✓	✓	△	✗	✗
GEO LOCATION	✓	✓	✓	✓	✓	✓	✓	✓	✓
MEDIA (AUDIO RECORDING)	△	△	✓	✗	✗	✗	✗	△	✗
NOTIFICATION (SOUND)	✓	✓	✓	✓	✓	✓	✓	✓	✗
NOTIFICATION (VIBRATION)	✓	✓	✓	✓	✓	✓	✗	✓	✓
STORAGE	✓	✓	△	✗	△	✓	✓	✗	✗

# UIWebViewDelegate

`webView:shouldStartLoadWithRequest:navigationType:`

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

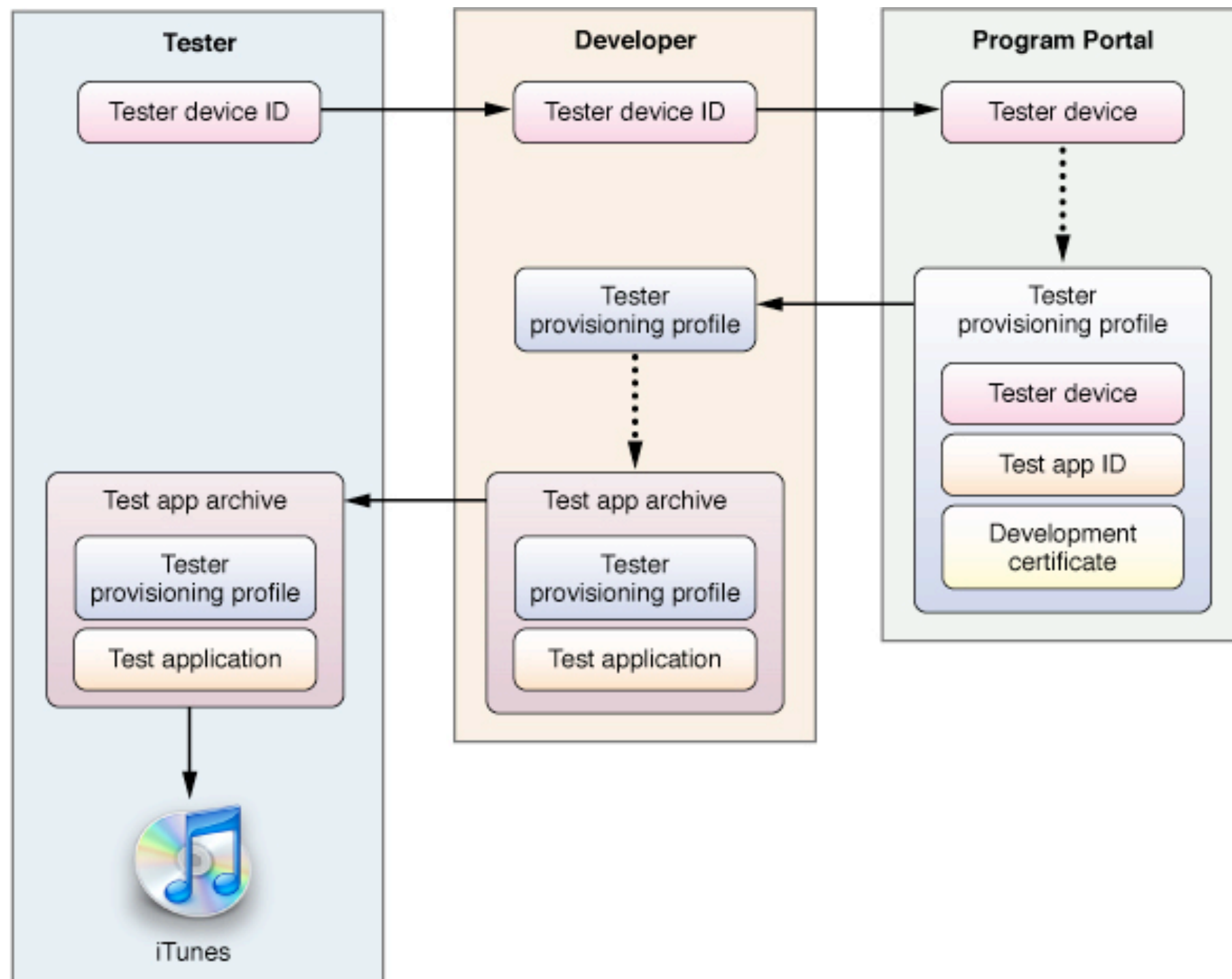
# UIWebView

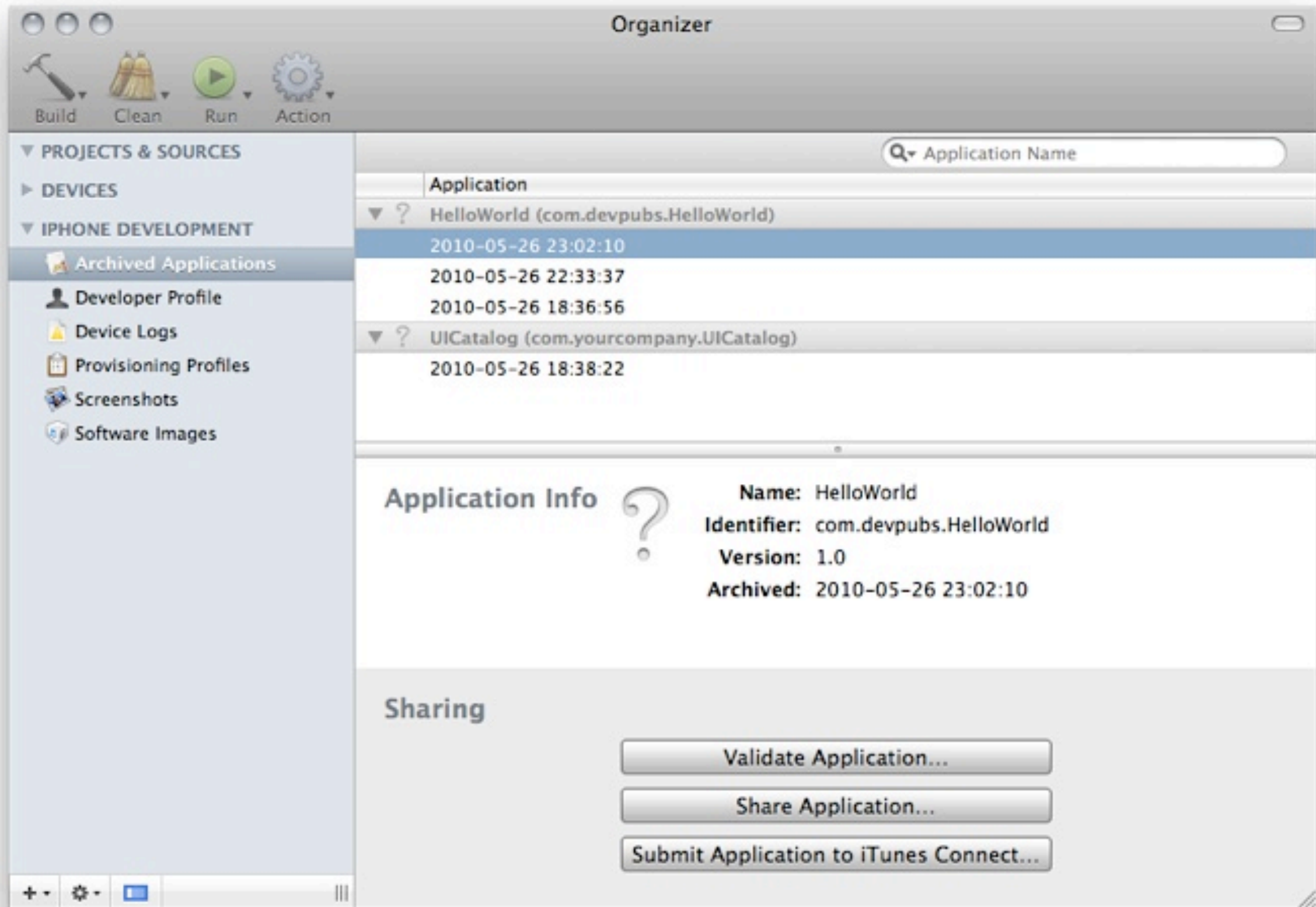
`stringByEvaluatingJavaScriptFromString:`



PhoneGap + Xcode 4

App Store







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# App Store Review Guidelines

<http://developer.apple.com/appstore/guidelines.html>

# App Party

Fri 5/13, 5:30pm ET

# Computer Science E-76

Building Mobile Applications