photo via http://hdgalaxywallpaper.com/

Tutorial: Part 3

Setup Device for iOS Development

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TUTORIAL PLAN

Objective

Learn how to setup personal devices (iPad, iPhones) to use for development.

Goals

Get through this a painless and possible!

Time

Less than 1 hour if all goes well

Outline

1. Finding Device ID
2. Create a provisioning profile
3. Install the provisioning profile
4. Upload the certificates to PhoneGap Build

NOTE

This is a continuation of the iOS setup process. If you have not configured your Apple Developer account and generated a development certificate then you should go to the Setting Up iOS Development Tutorial
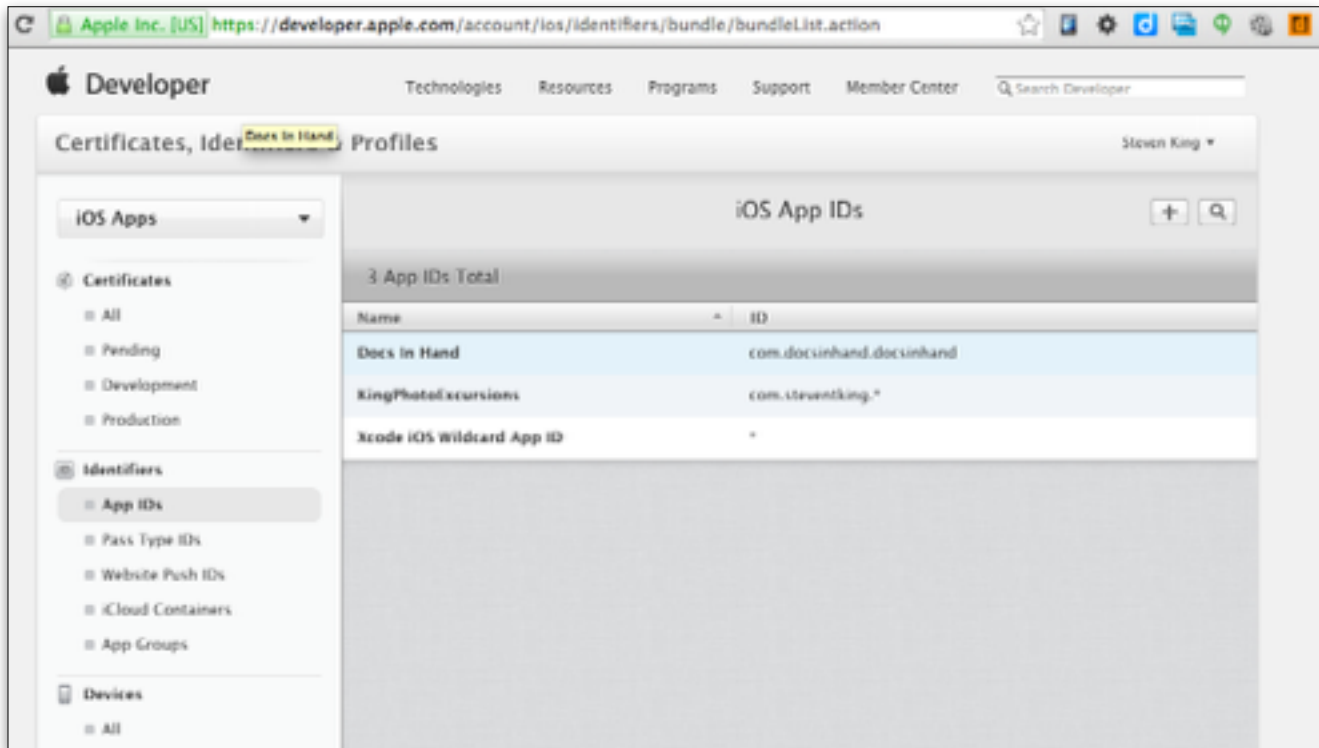
1. FIND YOUR DEVICE ID

This is required for each testing or development device. You will do this multiple times so I have broken it out into it's own separate tutorial.

This is a unique number/ID to be of each iPhone or iPad.

Go to the Devices page in the developer.apple.com account by clicking All under Devices.

Click the Plus sign on the top left to create a new device

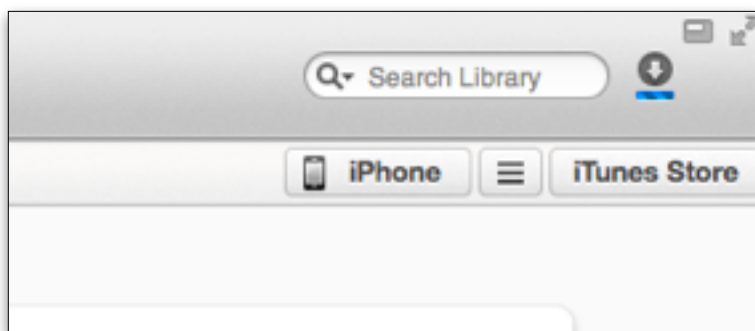**Enter a descriptive name for your device and avoiding special characters.**

ex. Development iPad or Steven's iPhone

Enter the UDID

This is a unique 40 character string. Don't try to type it. just copy and paste.

Open iTunes and connect your device

Click the device in the upper right of iTunes in the devices list.

Click the Serial Number to view other data points like your UDID.

Right or Control Click and select copy. The UDID value will be on your clip board.
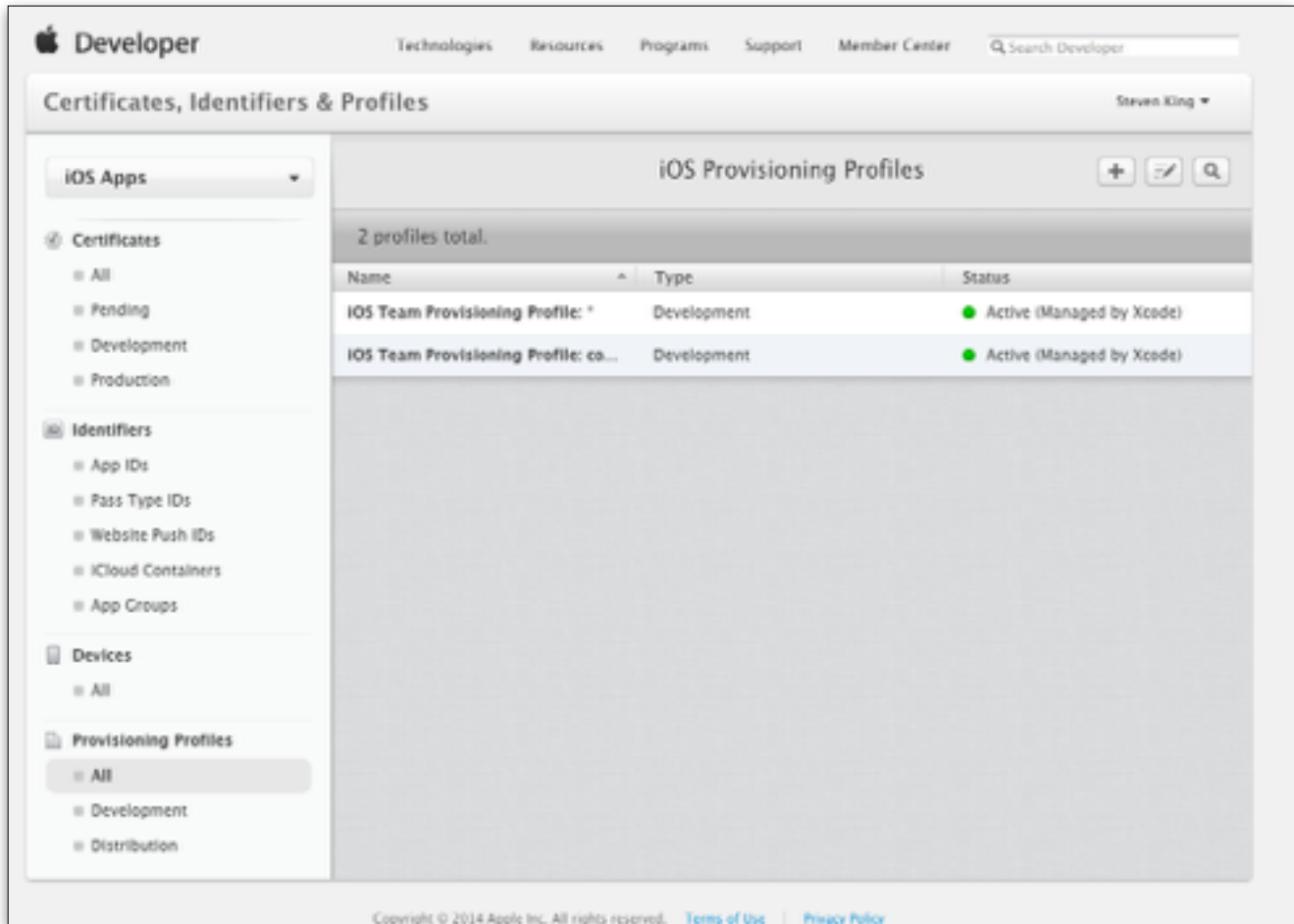
Return to the browser and paste your UDID value into the proper field.

2. CREATE A PROVISIONING PROFILE

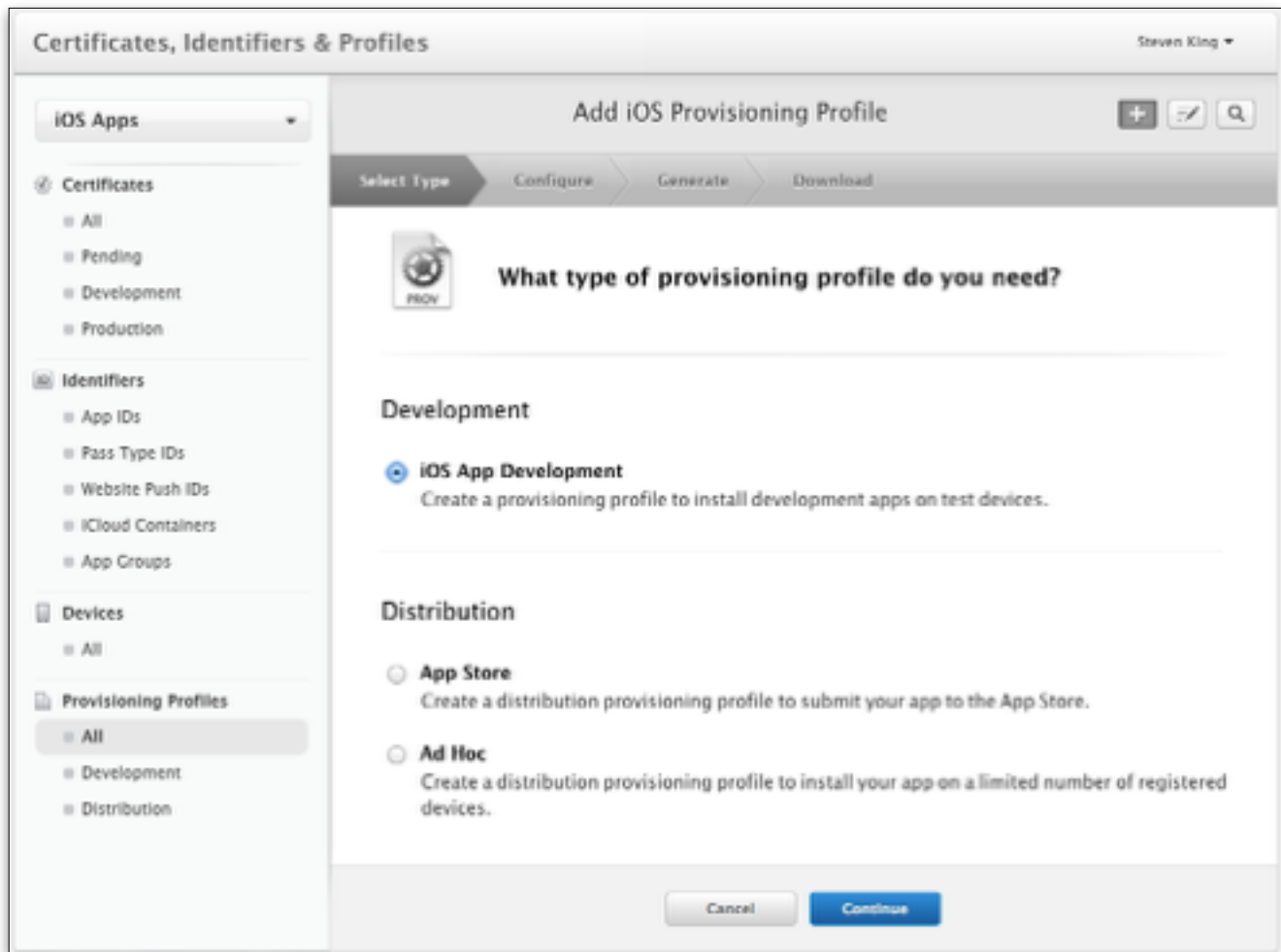**On the bottom left navigation Click on All under Provisioning Profiles**

Click the Plus sign in the upper right to create a new profile

Select iOS Development

You will return to this screen when you are ready to submit to the App Store or testing with a larger group.

Select iOS App Development and click Continue

Select the certificate you just previously created and click Continue.

Select certificates.

Select the certificates you wish to include in this provisioning profile. To use this profile to install an app, the certificate the app was signed with must be included.

☐ Select All	1 of 2 item(s) selected
☑ Steven King (iOS Development)	
☐ Steven King (iOS Development)	

Cancel   Back   **Continue**

Select the devices you want to be able to test your development project and click Continue

Select devices.

Select the devices you wish to include in this provisioning profile. To install an app signed with this profile on a device, the device must be included.

☐ Select All	1 of 3 item(s) selected
☐ Casey Miller's iPhone	
☐ Casey Miller's iPhone	
☑ King, Steven Timothy's iPhone	

Cancel   Back   **Continue**

Download the created file and click Done.

Download and Install
Download and double click the following file to install your Provisioning Profile.

Name:	PhoneGapPhotoExcu
Type:	Development
App ID:	9L43NLXQ4H.com.steventking.*
Expires:	Aug 08, 2015

Download

Documentation
For more information on using and managing your Provisioning Profile read:
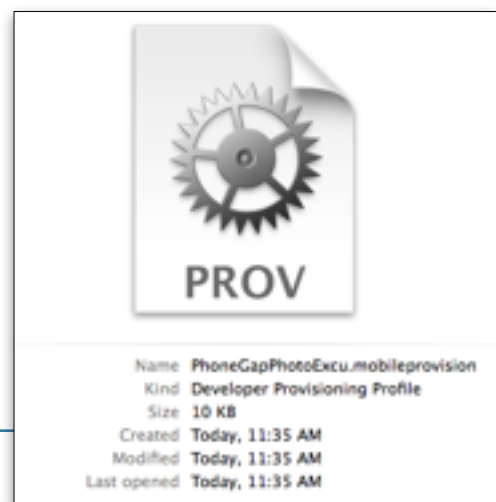
App Distribution Guide

2. Install the provisioning profile

Now you need to add the development provision profile to your device

Go to iTunes

Drag the Provisioning Profile from your Desktop or Downloads folder to iTunes. If asked to replace, click ok.

Connect your device with the USB cord and click on your device in the upper left.

Name	PhoneGapPhotoExcu.mobileprovision
Kind	Developer Provisioning Profile
Size	10 KB
Created	Today, 11:35 AM
Modified	Today, 11:35 AM
Last opened	Today, 11:35 AM

Click Sync in the lower right.

Wait for iTunes to sync your device.

Go to your device in the Settings —> General —> Profiles (scroll down) and you should see your profile.

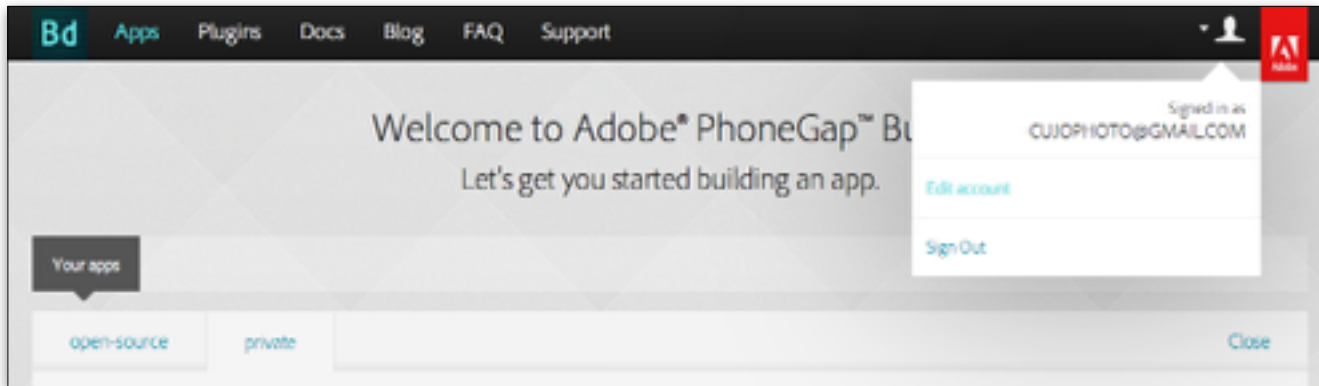Note, mine has several but your's may only have one.

3. UPLOAD CERTIFICATES TO PHONEGAP BUILD

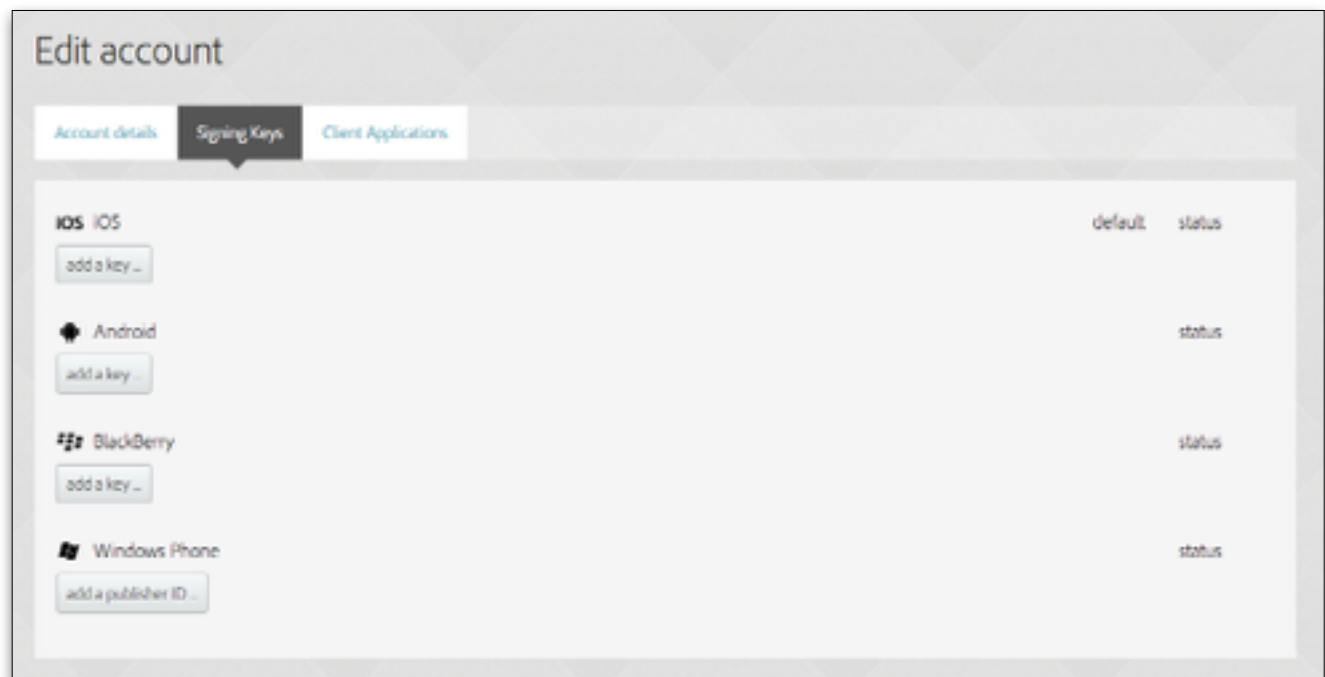**Go to: https://build.phonegap.com/ and sign in with your Adobe ID**

Click on your Account icon in the top right and select Edit account.

Click on the Signing Keys.
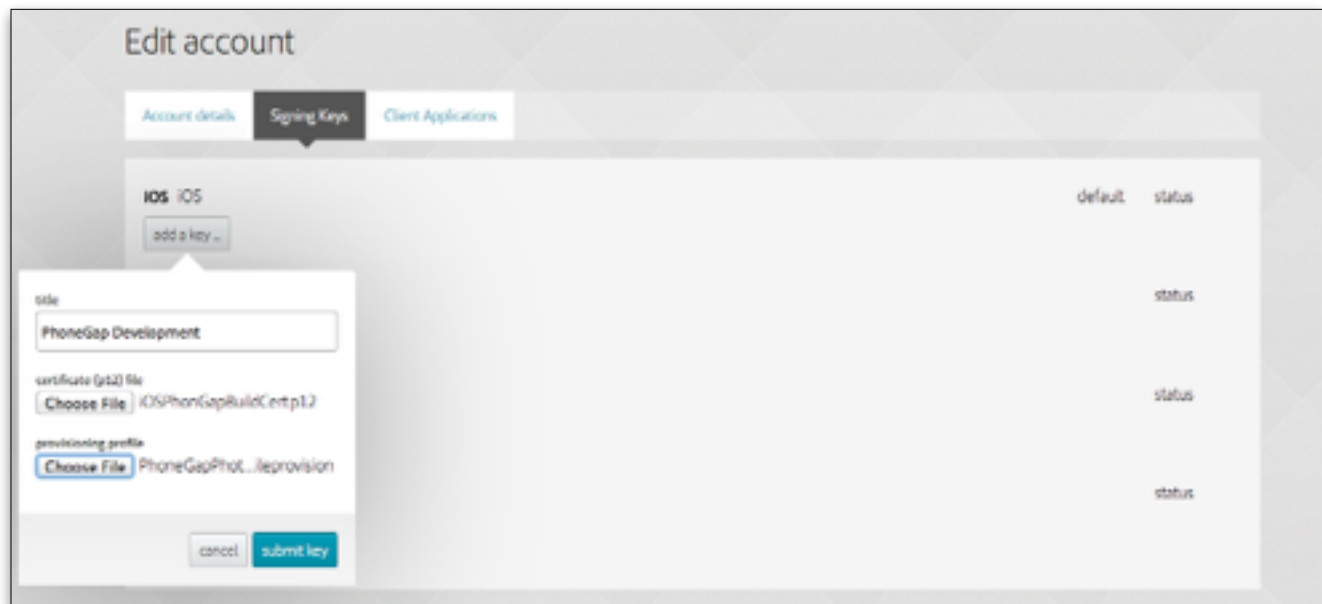
Here we can upload each key for each respective device.
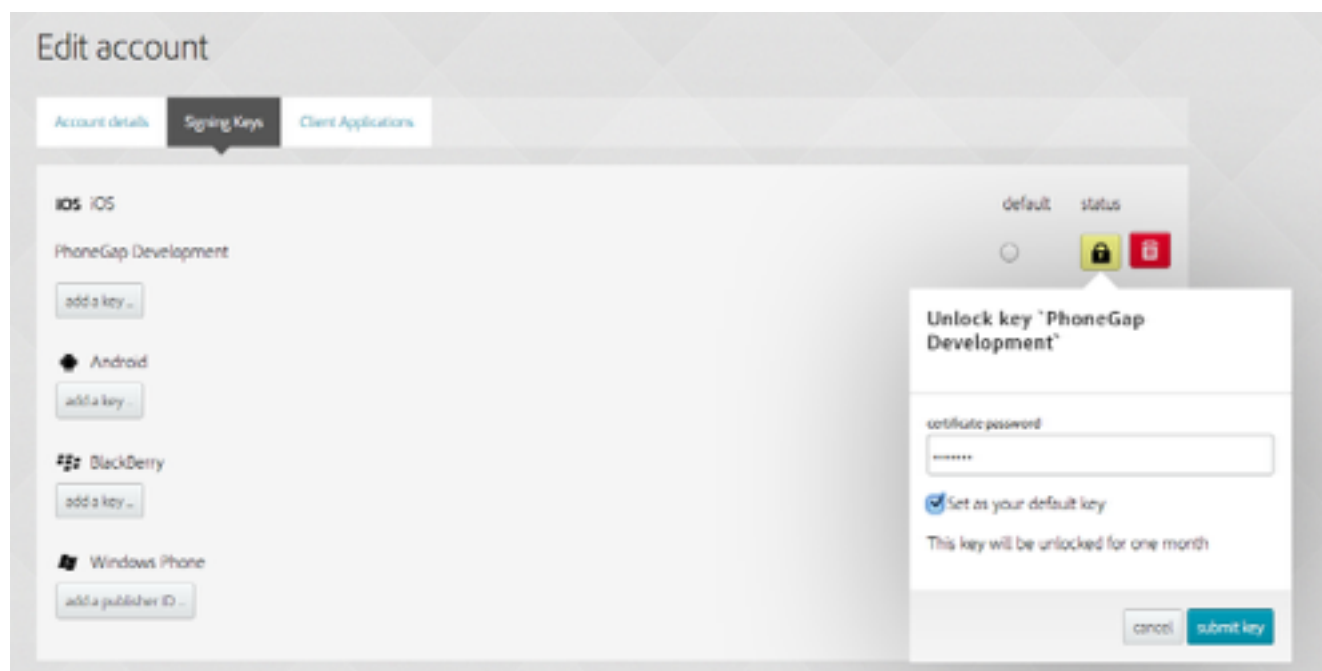

Click iOS add a key button

Give the Key a name like PhoneGap Dev Class

In the first field, select your .p12 file from your Downloads or Desktop folder.

In the second field, select your provisioning key (the one added to your device) and then click Submit Key.

At this point the key is uploaded but not unlocked. Click the lock and enter the provisioning password you set when creating it. (The one I said don't loose)

You can set it as default and click Submit Key.

Note: This will be unlocked for one month. If it is locked, simply return to this screen and enter your password.

!!!!!CONGRATULATIONS!!!!
YOU ARE NOW SET UP FOR IOS DEVELOPMENT ON PHONEGAP BUILD!