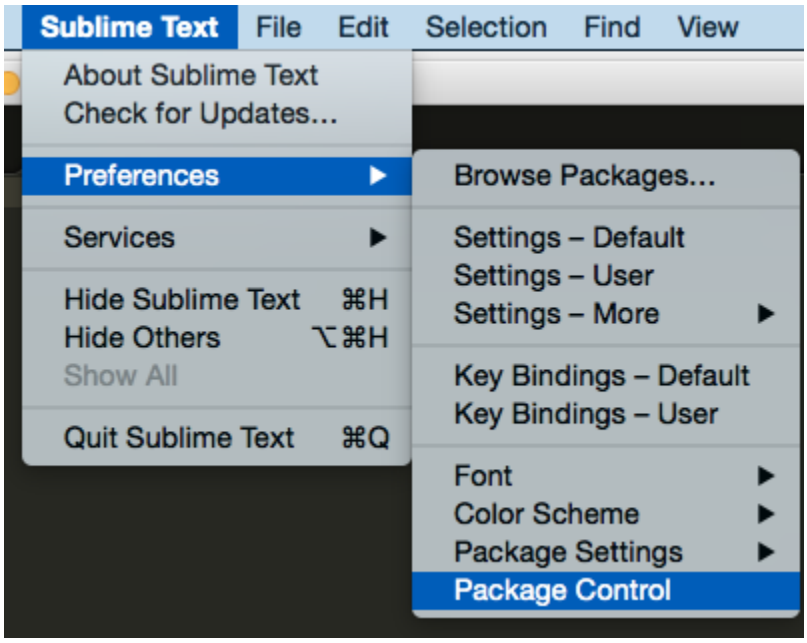
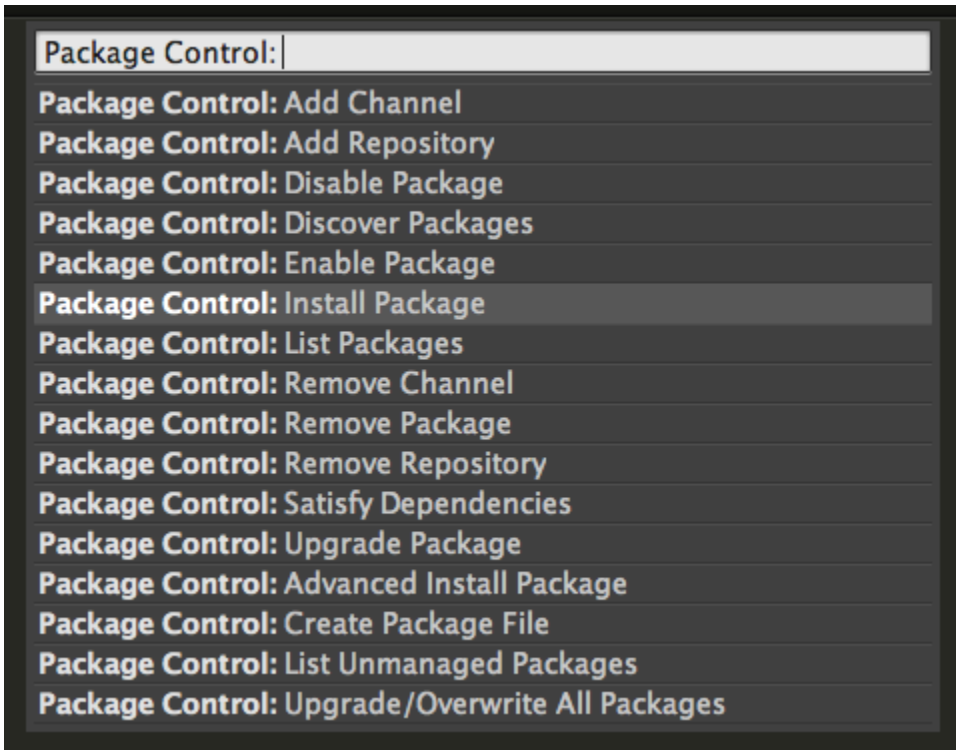
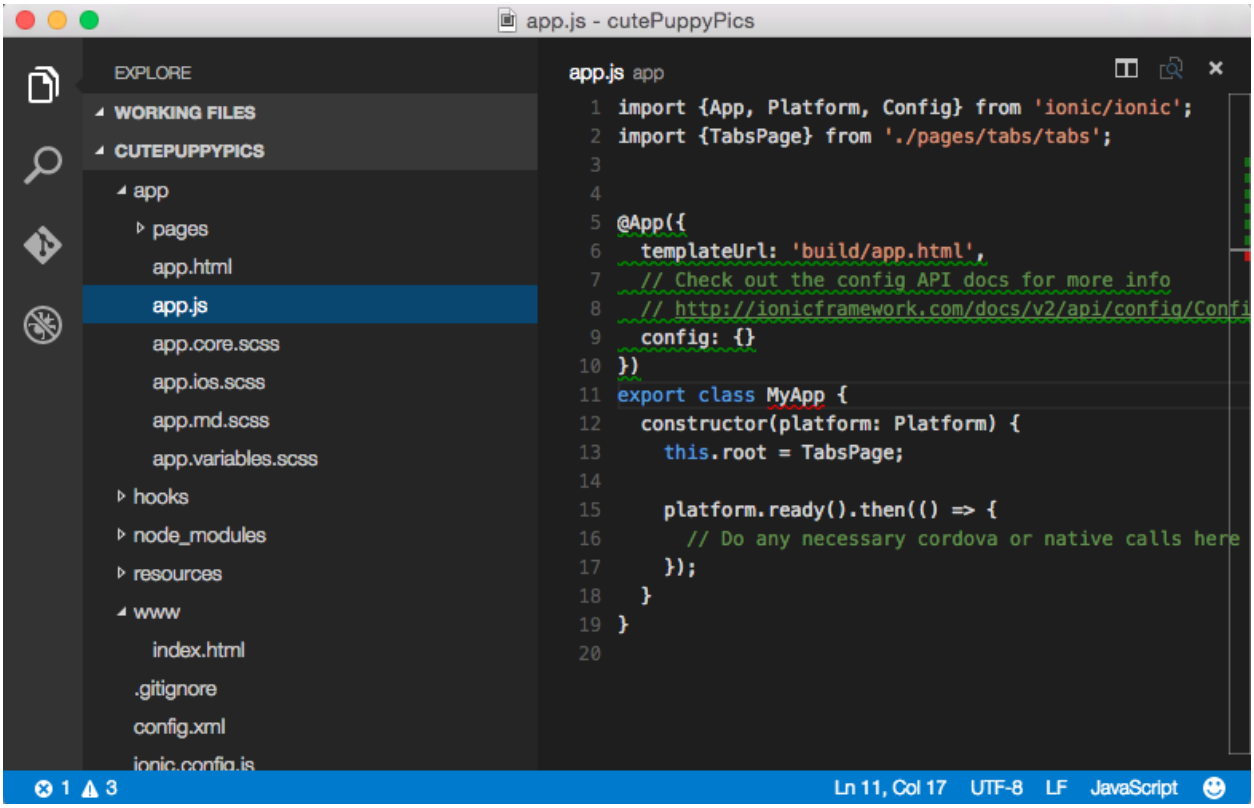
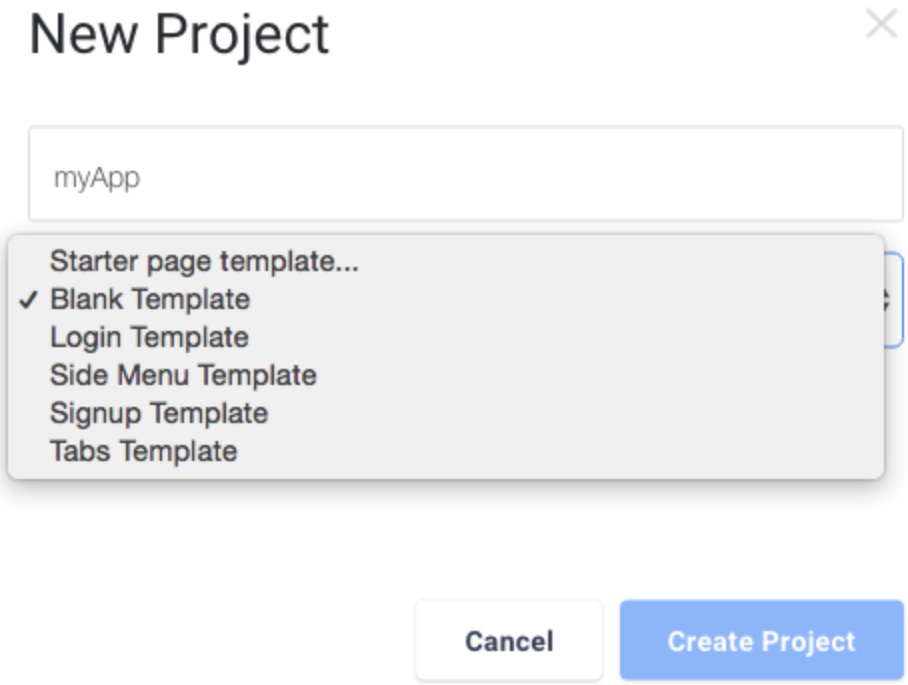
Chapter 1: Creating Our First App with Ionic 2

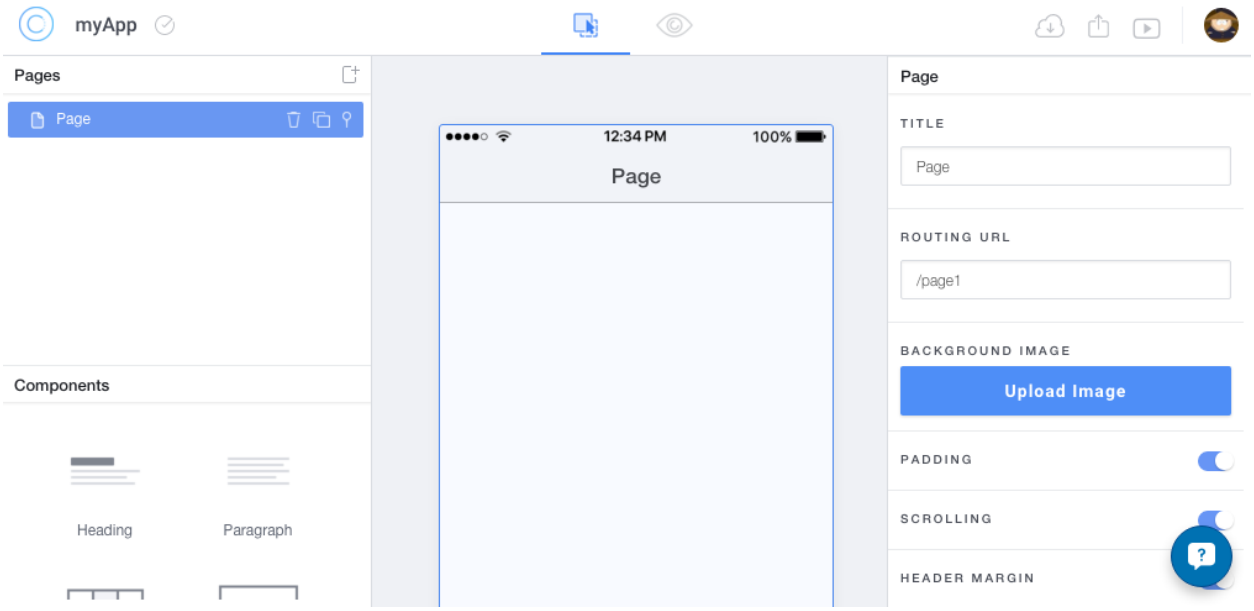


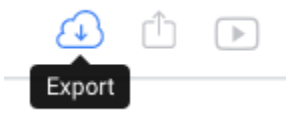


Sass
Sass support for TextMate & Sublime Text (2 & 3)
v2015.01.06.16.00.00; github.com/nathos/sass-textmate-bundle




New Project
myApp
Starter page template...
Blank Template
Login Template
Side Menu Template
Signup Template
Tabs Template
Cancel
Create Project


myApp
Pages
Page
Components
Heading
Paragraph
12:34 PM
100%
Page
Page
TITLE
Page
ROUTING URL
/page1
BACKGROUND IMAGE
Upload Image
PADDING
SCROLLING
HEADER MARGIN


Export

Export Project

IONIC CLI | ZIP FILE | PACKAGE | CREATOR APP

Export with the Ionic CLI Tool.

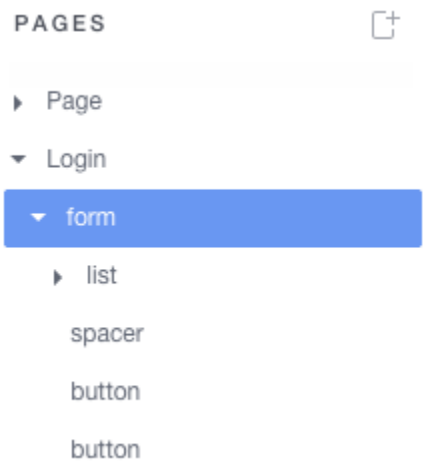
Start (and export) an Ionic app with the Ionic CLI following these directions:

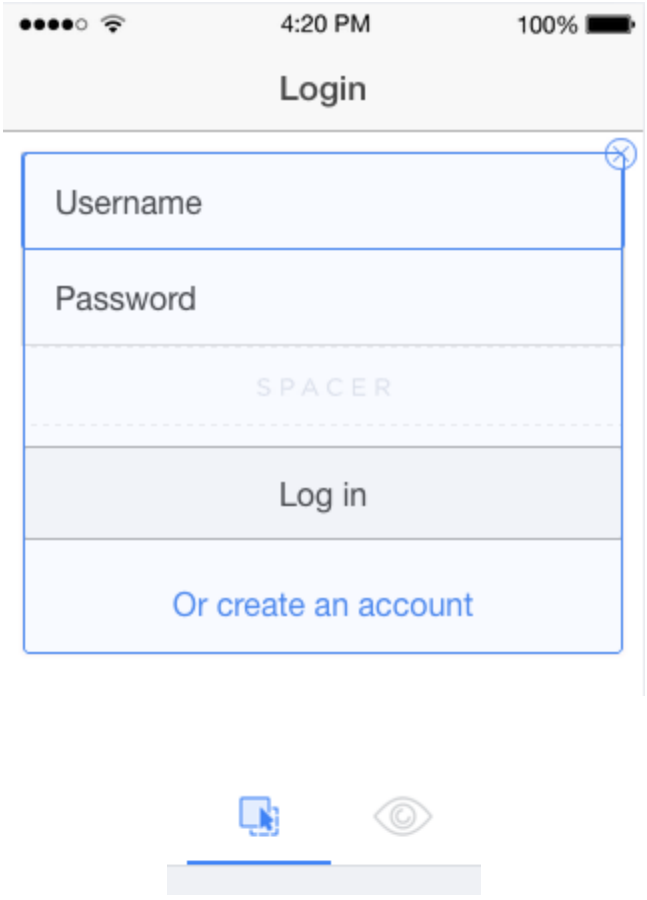
Watch CLI Tutorial

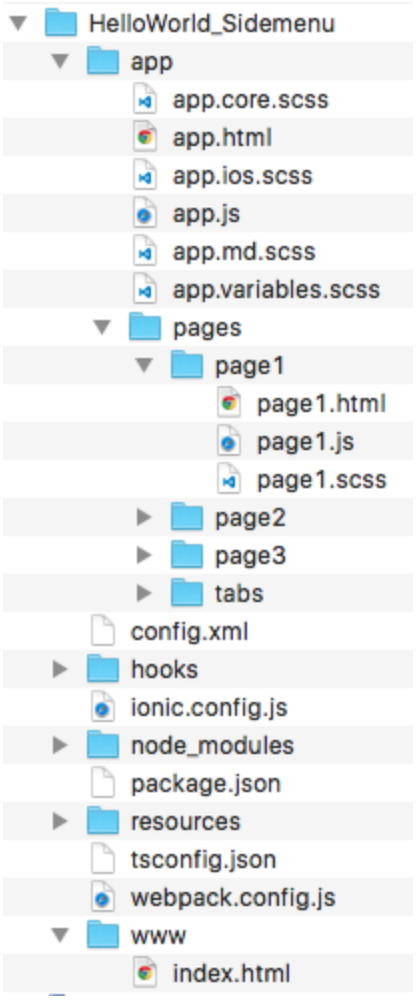
```
$ npm install -g cordova ionic
$ ionic start [appName] creator:65199e2cb5b0
```

Check out our CLI's Documentation page for more information.

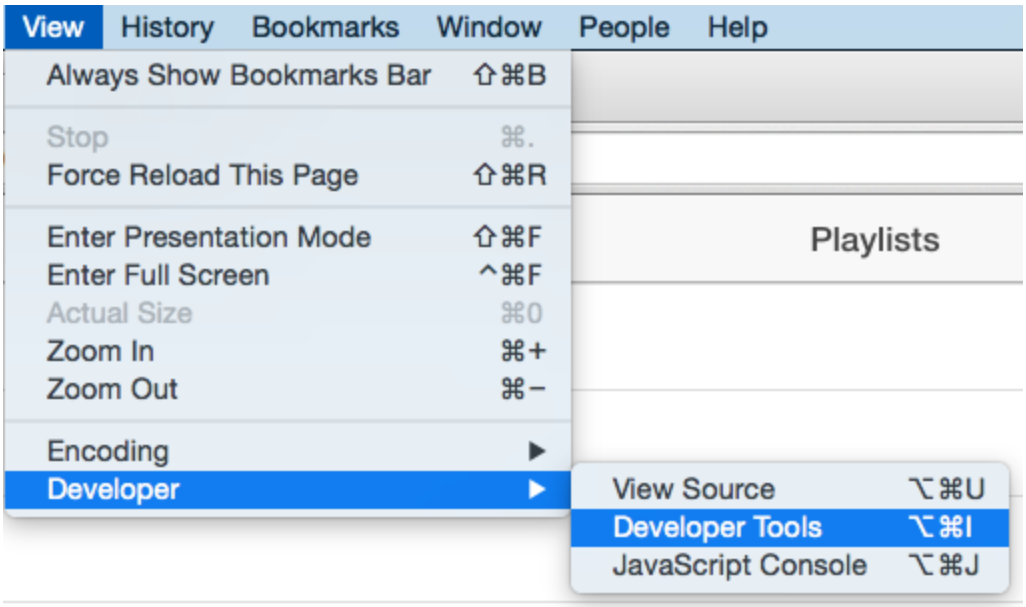
If you already have the Ionic CLI installed, please make sure you run the `npm install -g ionic` command to update your CLI version before trying to start a Creator project.

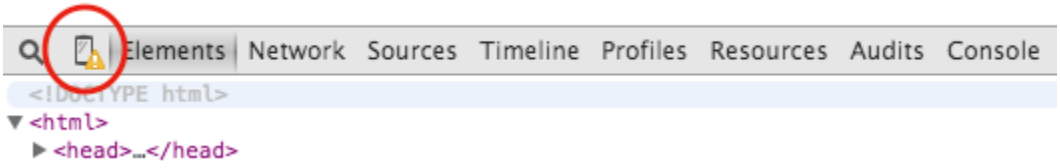


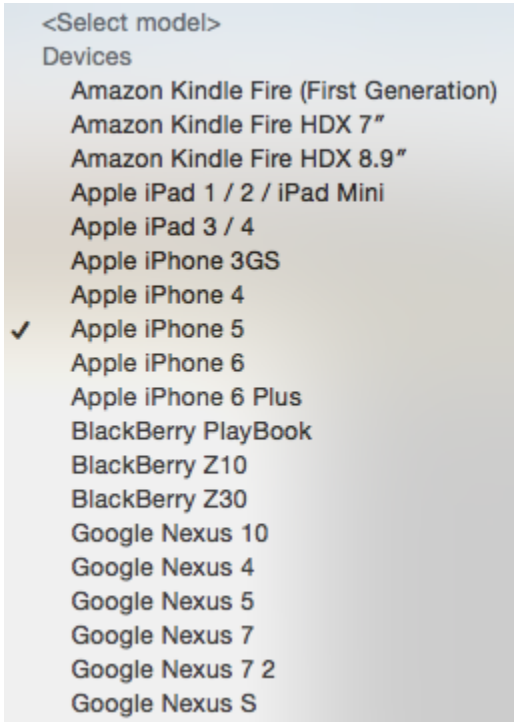

4:20 PM
100%
Login
Username
Password
SPACER
Log in
Or create an account

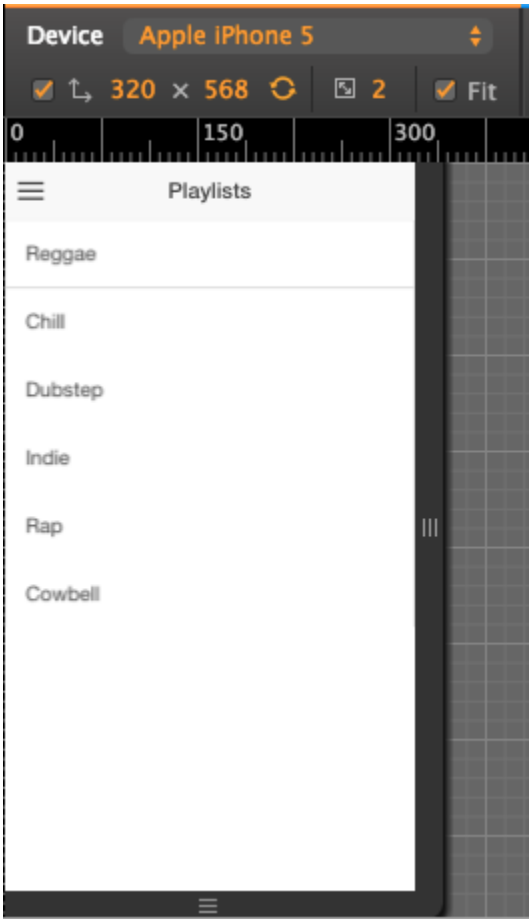

HelloWorld_Sidemenu
app
app.core.scss
app.html
app.ios.scss
app.js
app.md.scss
app.variables.scss
pages
page1
page1.html
page1.js
page1.scss
page2
page3
tabs
config.xml
hooks
ionic.config.js
node_modules
package.json
resources
tsconfig.json
webpack.config.js
www
index.html

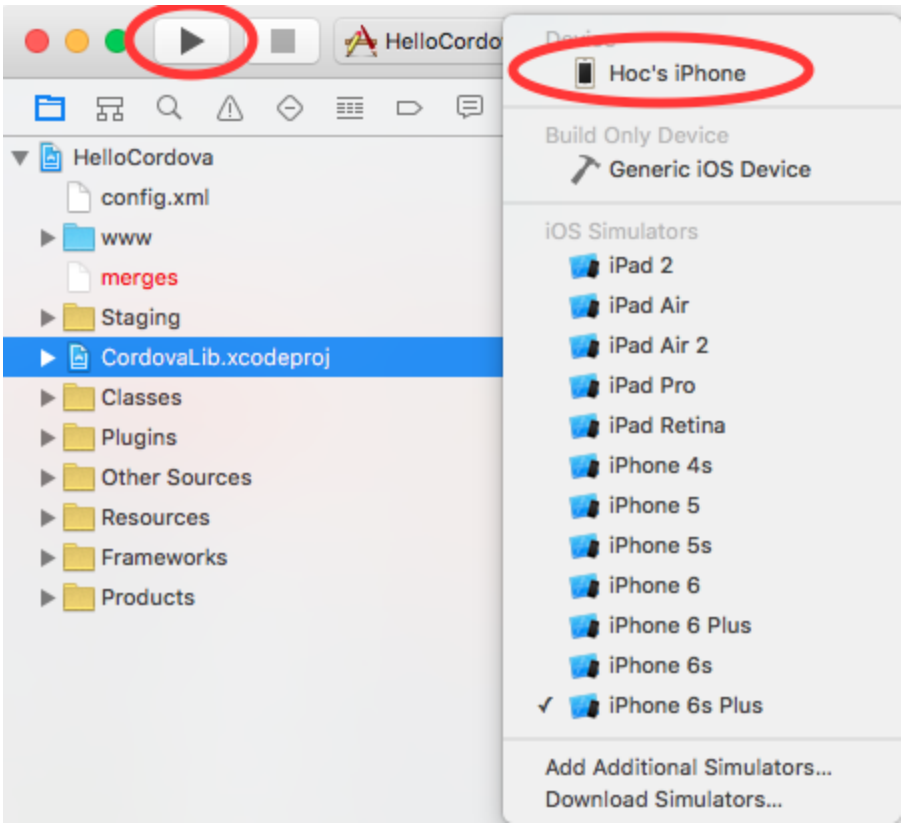
```
Δ Compiling and bundling with Webpack...
√ Using your webpack.config.js file

Δ Compiling Sass to CSS
√ Matching patterns: app/app.+(ios|md).scss

Δ Copying fonts
√ Matching patterns: node_modules/ionic-framework/fonts/**/*.ttf

Δ Copying HTML
√ Matching patterns: app/**/*.html

√ Sass compilation complete
√ Fonts copied to www/build/fonts
√ HTML copied to www/build

Hash: 1b03f7bea7292b8fd911
Version: webpack 1.12.10
Time: 6455ms
        Asset     Size  Chunks             Chunk Names
app.bundle.js  2.58 MB       0  [emitted]  main
   [0] multi main 76 bytes {0} [built]
    + 356 hidden modules

√ Webpack complete

Δ Starting dev server.

√ Running live reload server: http://localhost:35729
√ Running dev server:  http://localhost:8100
√ Watching: 0=www/build/**/*.html, 1=www/build/**/*.js, 2=www/build/**/*.css
Ionic server commands, enter:
  restart or r to restart the client app from the root
  goto or g and a url to have the app navigate to the given url
  consolelogs or c to enable/disable console log output
  serverlogs or s to enable/disable server log output
  quit or q to shutdown the server and exit
```

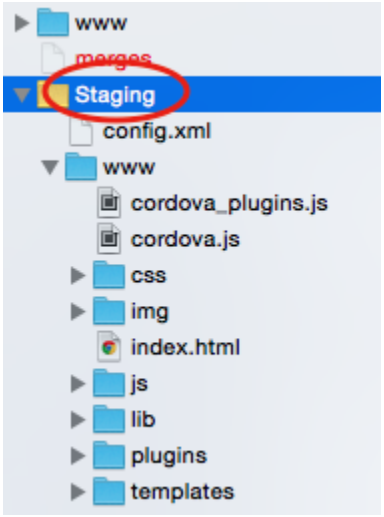

View
History
Bookmarks
Window
People
Help
Always Show Bookmarks Bar ⇧⌘B
Stop ⌘.
Force Reload This Page ⇧⌘R
Enter Presentation Mode ⇧⌘F
Enter Full Screen ^⌘F
Actual Size ⌘0
Zoom In ⌘+
Zoom Out ⌘−
Encoding
Developer
Playlists
View Source ⌥⌘U
Developer Tools ⌥⌘I
JavaScript Console ⌥⌘J

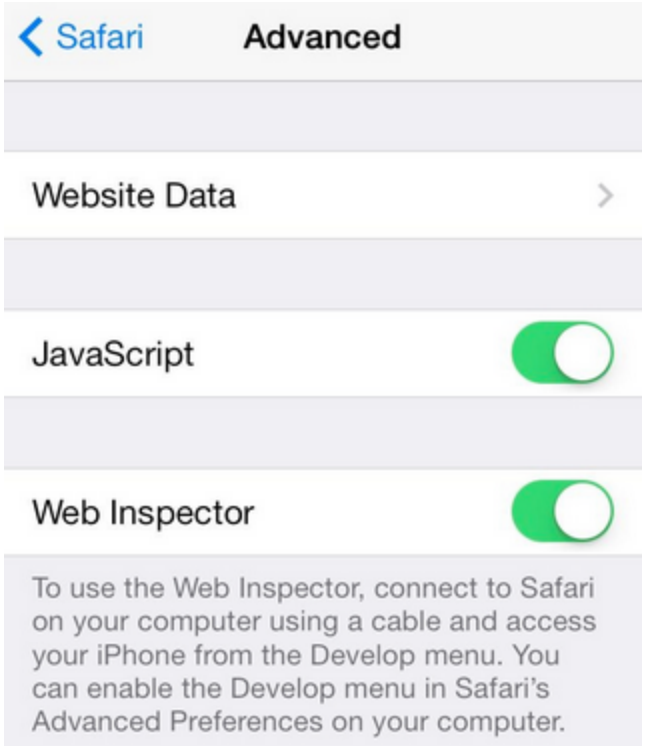

Elements
Network
Sources
Timeline
Profiles
Resources
Audits
Console
<!DOCTYPE html>
<html>
<head>…</head>

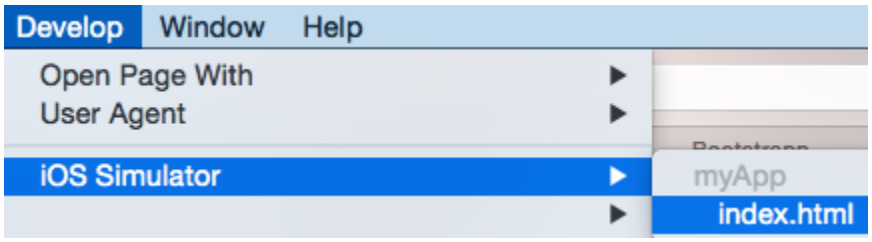

<Select model>
Devices
Amazon Kindle Fire (First Generation)
Amazon Kindle Fire HDX 7″
Amazon Kindle Fire HDX 8.9″
Apple iPad 1 / 2 / iPad Mini
Apple iPad 3 / 4
Apple iPhone 3GS
Apple iPhone 4
✓ Apple iPhone 5
Apple iPhone 6
Apple iPhone 6 Plus
BlackBerry PlayBook
BlackBerry Z10
BlackBerry Z30
Google Nexus 10
Google Nexus 4
Google Nexus 5
Google Nexus 7
Google Nexus 7 2
Google Nexus S

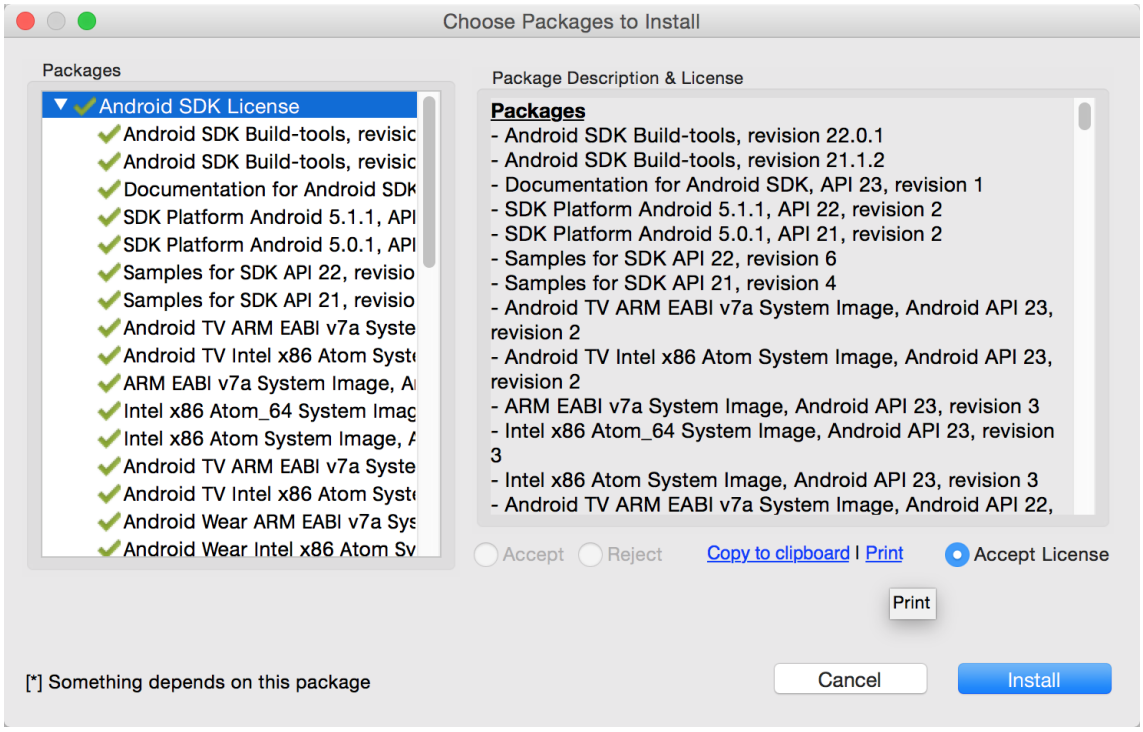

Device
Apple iPhone 5
320 × 568
2
Fit
0
150
300
Playlists
Reggae
Chill
Dubstep
Indie
Rap
Cowbell

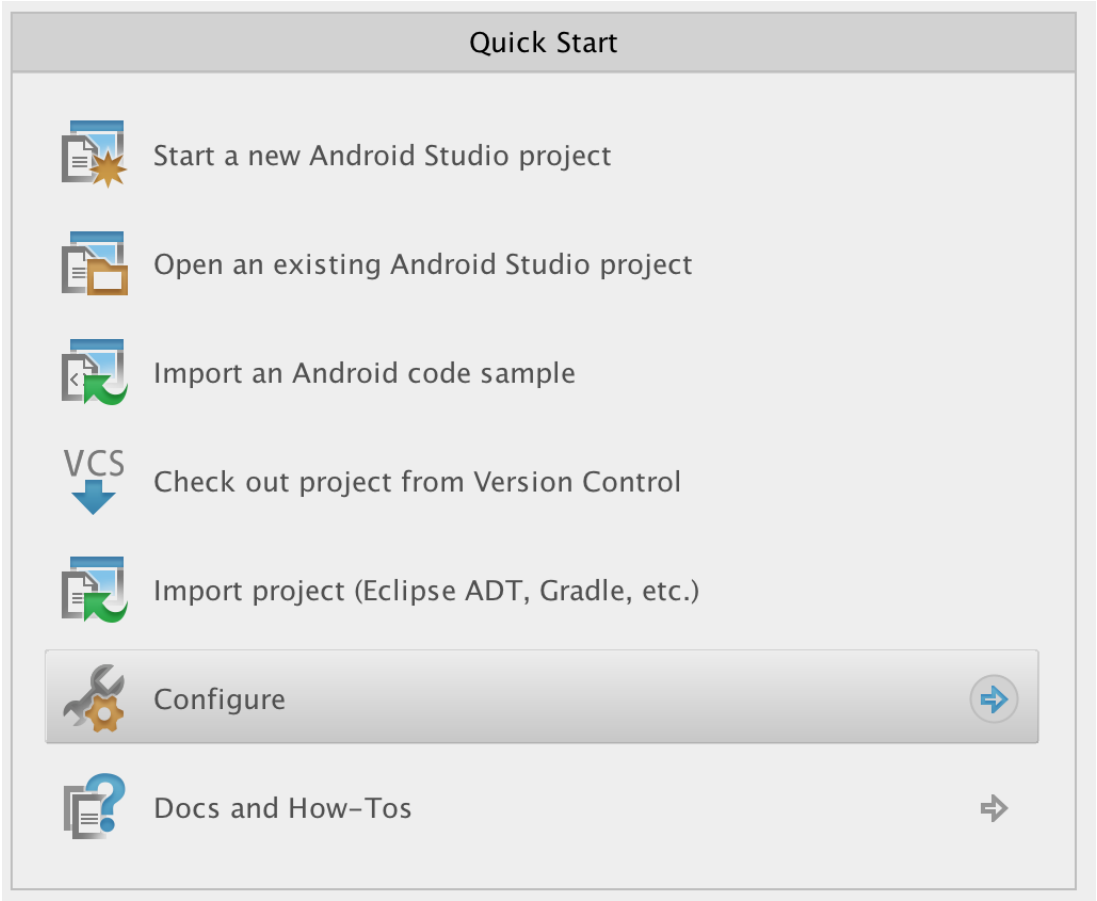

HelloCordo
Hoc's iPhone
Build Only Device
Generic iOS Device
iOS Simulators
iPad 2
iPad Air
iPad Air 2
iPad Pro
iPad Retina
iPhone 4s
iPhone 5
iPhone 5s
iPhone 6
iPhone 6 Plus
iPhone 6s
iPhone 6s Plus
Add Additional Simulators...
Download Simulators...
HelloCordova
config.xml
www
merges
Staging
CordovaLib.xcodeproj
Classes
Plugins
Other Sources
Resources
Frameworks
Products

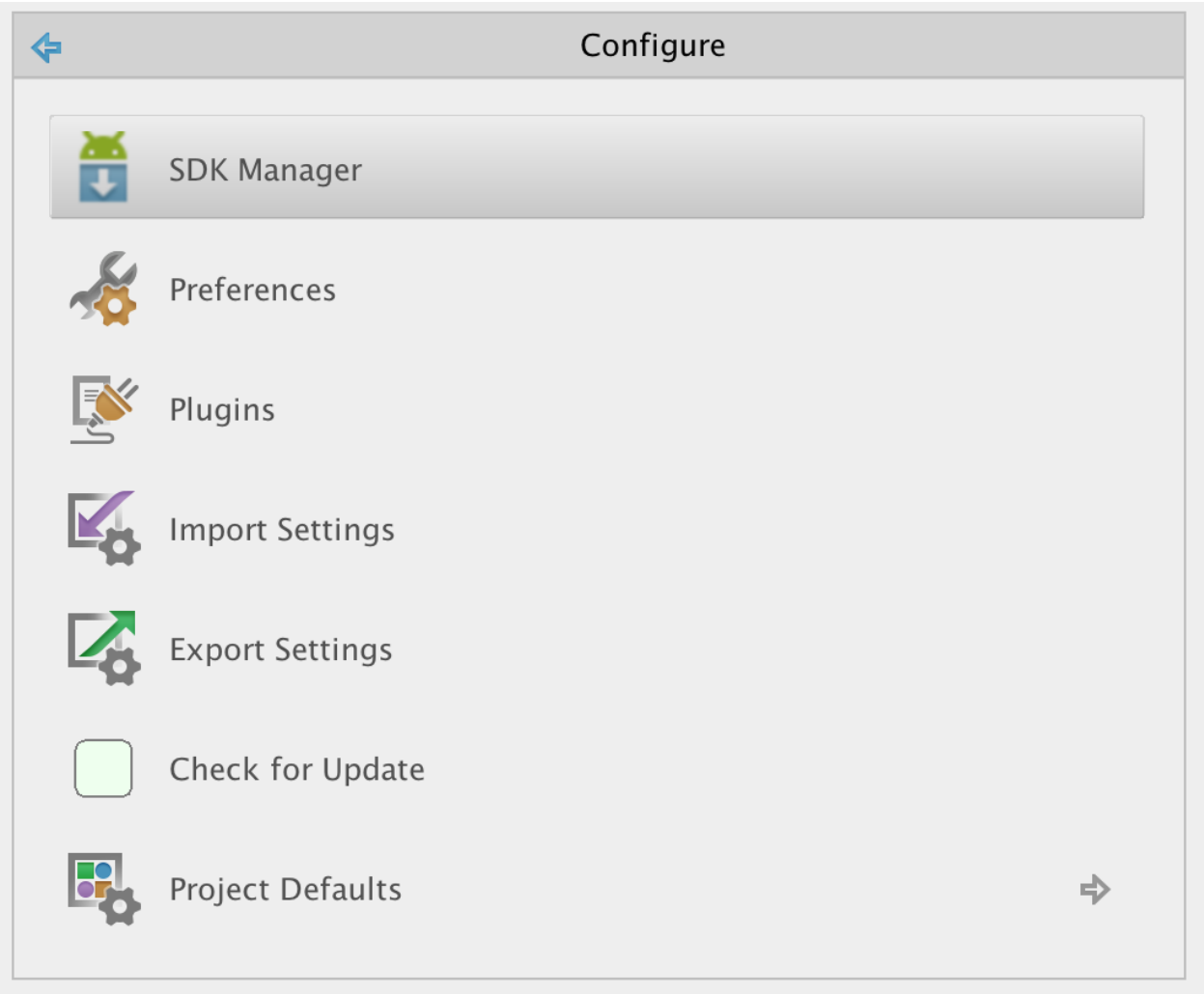

www
merges
Staging
config.xml
www
cordova_plugins.js
cordova.js
css
img
index.html
js
lib
plugins
templates

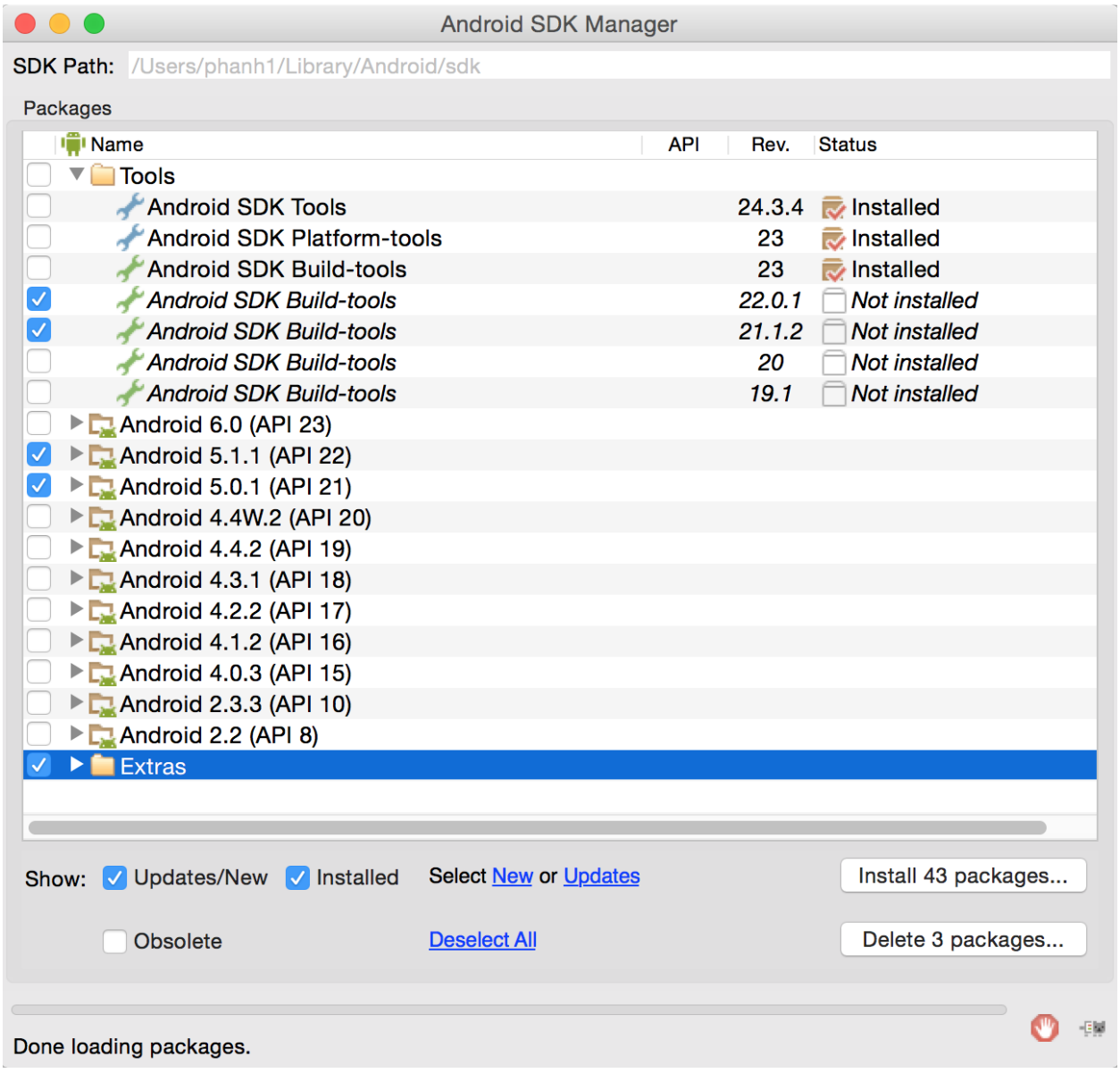

Safari
Advanced
Website Data
JavaScript
Web Inspector
To use the Web Inspector, connect to Safari on your computer using a cable and access your iPhone from the Develop menu. You can enable the Develop menu in Safari's Advanced Preferences on your computer.

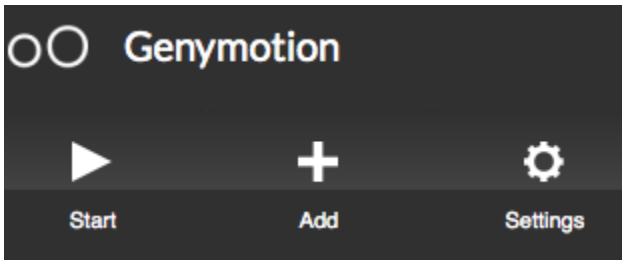

Develop
Window
Help
Open Page With
User Agent
iOS Simulator
myApp
index.html

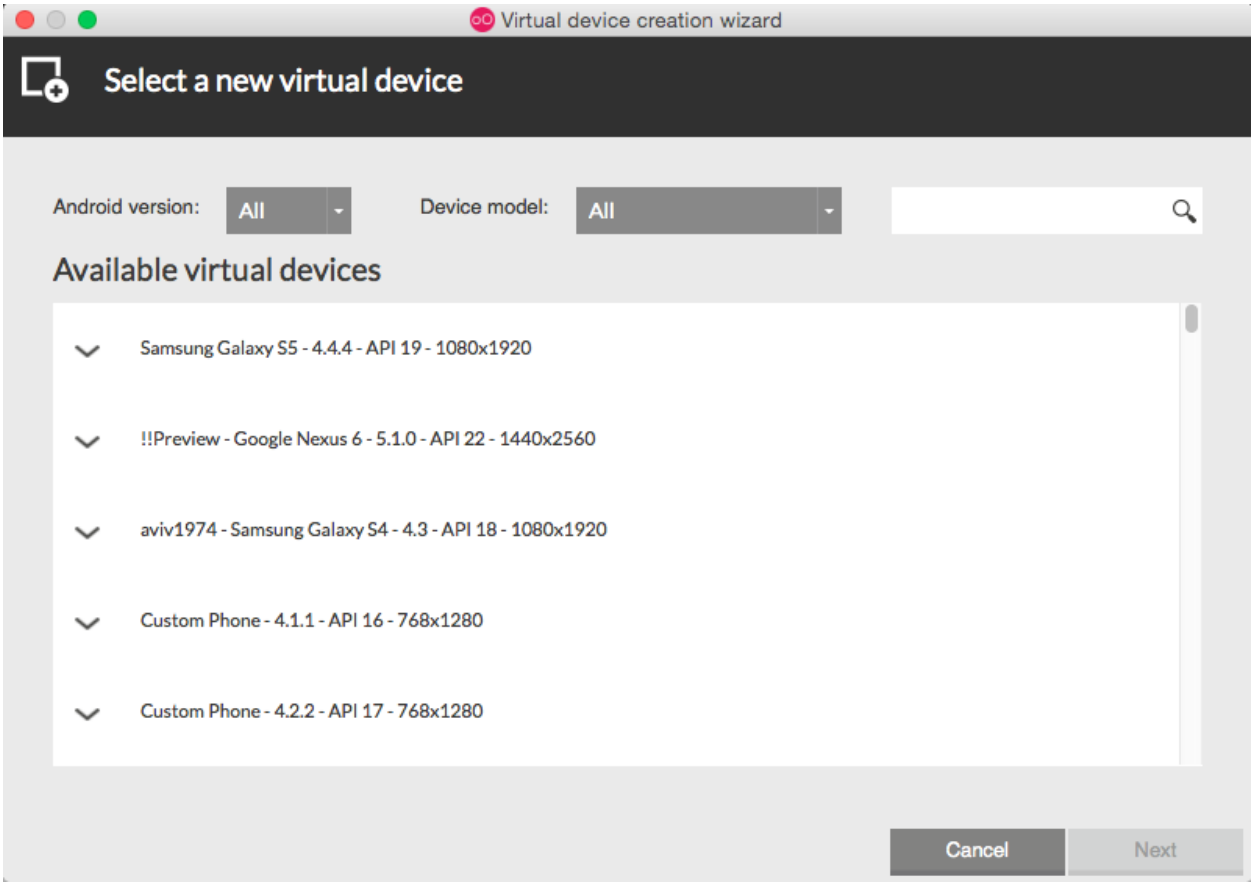

Choose Packages to Install
Packages
Android SDK License
Android SDK Build-tools, revisic
Android SDK Build-tools, revisic
Documentation for Android SDK
SDK Platform Android 5.1.1, API
SDK Platform Android 5.0.1, API
Samples for SDK API 22, revisio
Samples for SDK API 21, revisio
Android TV ARM EABI v7a Syste
Android TV Intel x86 Atom Syst
ARM EABI v7a System Image, A
Intel x86 Atom_64 System Imag
Intel x86 Atom System Image, A
Android TV ARM EABI v7a Syste
Android TV Intel x86 Atom Syst
Android Wear ARM EABI v7a Sys
Android Wear Intel x86 Atom Sv
Package Description & License
Packages
- Android SDK Build-tools, revision 22.0.1
- Android SDK Build-tools, revision 21.1.2
- Documentation for Android SDK, API 23, revision 1
- SDK Platform Android 5.1.1, API 22, revision 2
- SDK Platform Android 5.0.1, API 21, revision 2
- Samples for SDK API 22, revision 6
- Samples for SDK API 21, revision 4
- Android TV ARM EABI v7a System Image, Android API 23, revision 2
- Android TV Intel x86 Atom System Image, Android API 23, revision 2
- ARM EABI v7a System Image, Android API 23, revision 3
- Intel x86 Atom_64 System Image, Android API 23, revision 3
- Intel x86 Atom System Image, Android API 23, revision 3
- Android TV ARM EABI v7a System Image, Android API 22,
Accept
Reject
Copy to clipboard
Print
Accept License
Print
[*] Something depends on this package
Cancel
Install

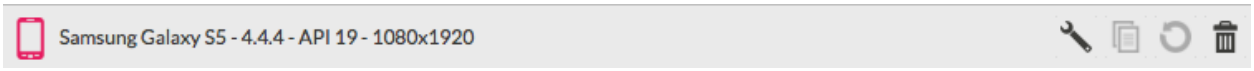

Quick Start
Start a new Android Studio project
Open an existing Android Studio project
Import an Android code sample
VCS
Check out project from Version Control
Import project (Eclipse ADT, Gradle, etc.)
Configure
Docs and How-Tos

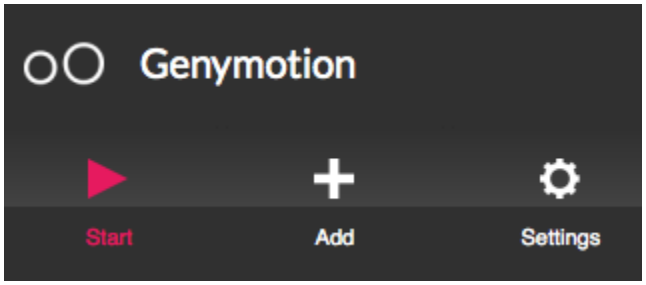

Configure
SDK Manager
Preferences
Plugins
Import Settings
Export Settings
Check for Update
Project Defaults

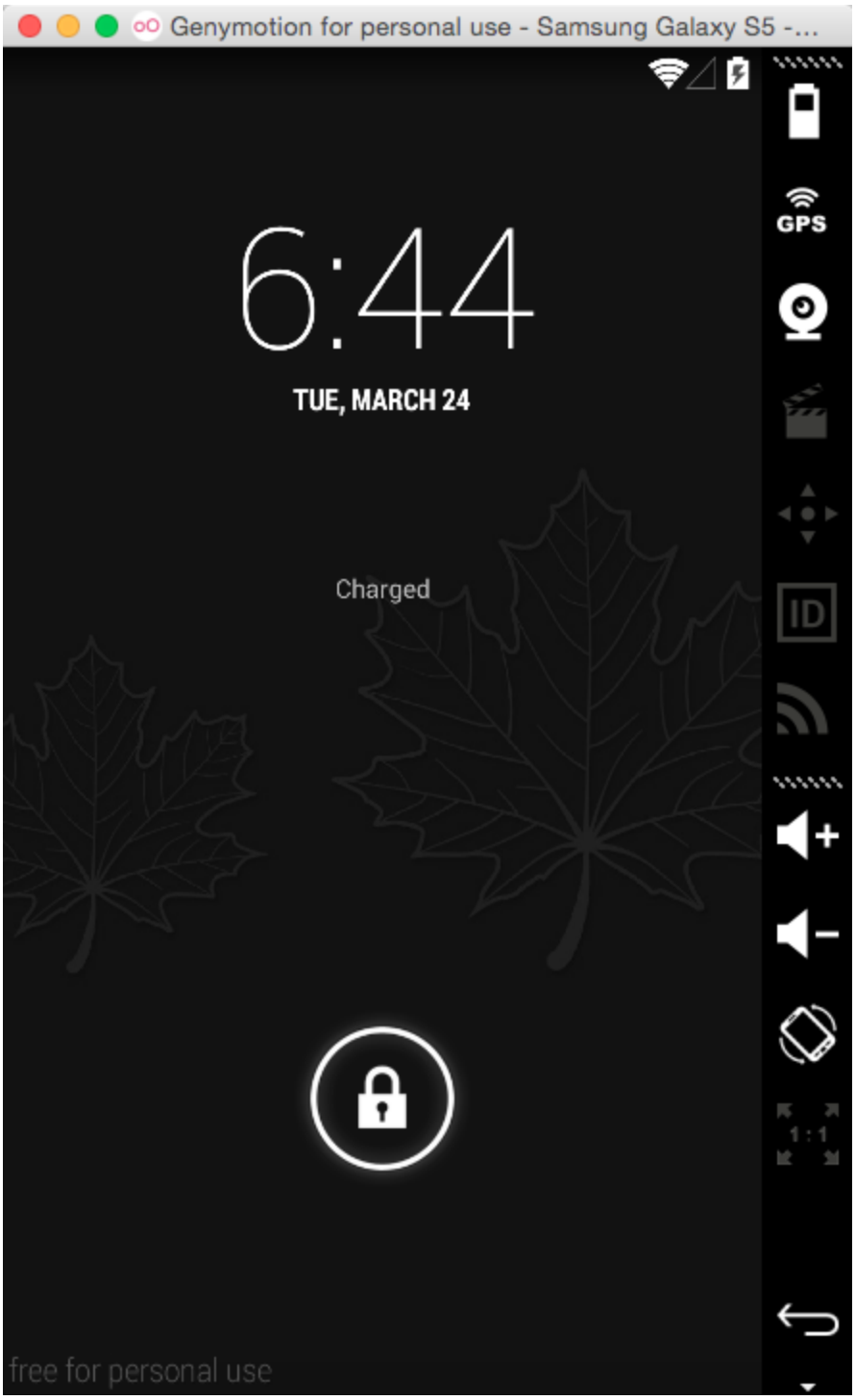

Android SDK Manager
SDK Path: /Users/phanh1/Library/Android/sdk
Packages
Name
API
Rev.
Status
Tools
Android SDK Tools 24.3.4 Installed
Android SDK Platform-tools 23 Installed
Android SDK Build-tools 23 Installed
Android SDK Build-tools 22.0.1 Not installed
Android SDK Build-tools 21.1.2 Not installed
Android SDK Build-tools 20 Not installed
Android SDK Build-tools 19.1 Not installed
Android 6.0 (API 23)
Android 5.1.1 (API 22)
Android 5.0.1 (API 21)
Android 4.4W.2 (API 20)
Android 4.4.2 (API 19)
Android 4.3.1 (API 18)
Android 4.2.2 (API 17)
Android 4.1.2 (API 16)
Android 4.0.3 (API 15)
Android 2.3.3 (API 10)
Android 2.2 (API 8)
Extras
Show: Updates/New Installed
Select New or Updates
Install 43 packages...
Obsolete
Deselect All
Delete 3 packages...
Done loading packages.


Genymotion
Start
Add
Settings

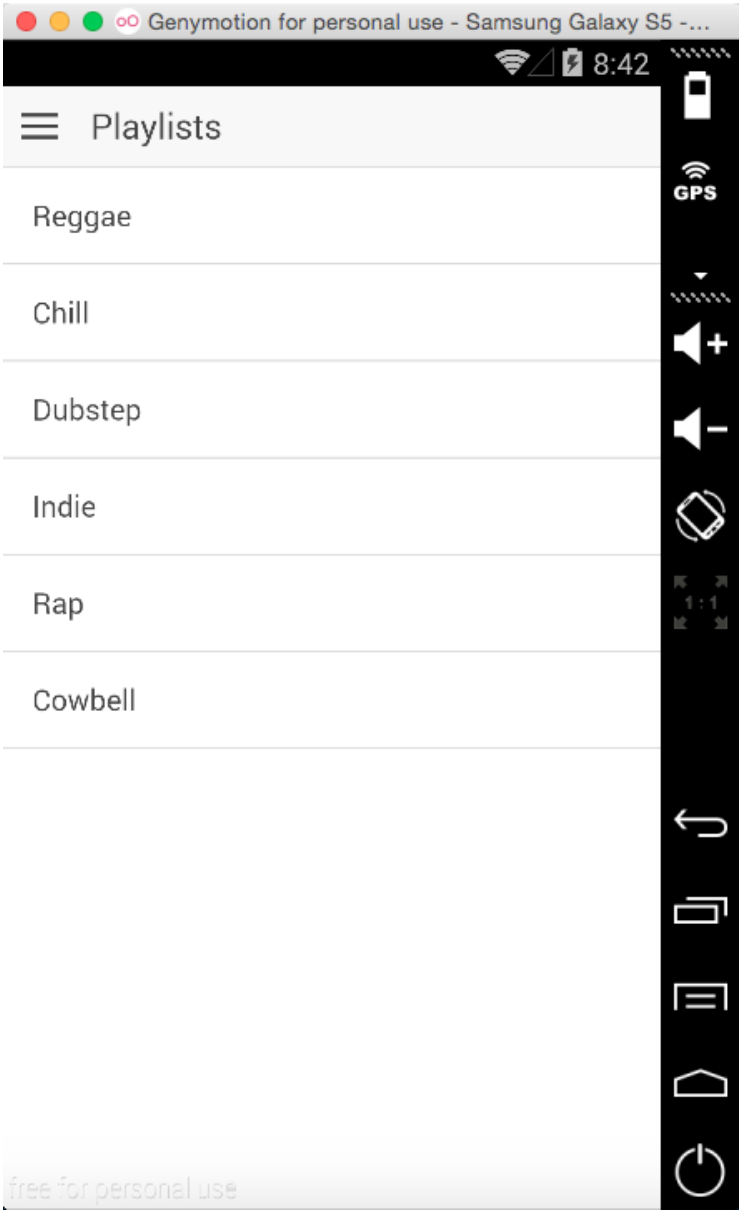

Virtual device creation wizard
Select a new virtual device
Android version:
All
Device model:
All
Available virtual devices
Samsung Galaxy S5 - 4.4.4 - API 19 - 1080x1920
!!Preview - Google Nexus 6 - 5.1.0 - API 22 - 1440x2560
aviv1974 - Samsung Galaxy S4 - 4.3 - API 18 - 1080x1920
Custom Phone - 4.1.1 - API 16 - 768x1280
Custom Phone - 4.2.2 - API 17 - 768x1280
Cancel
Next


Samsung Galaxy S5 - 4.4.4 - API 19 - 1080x1920

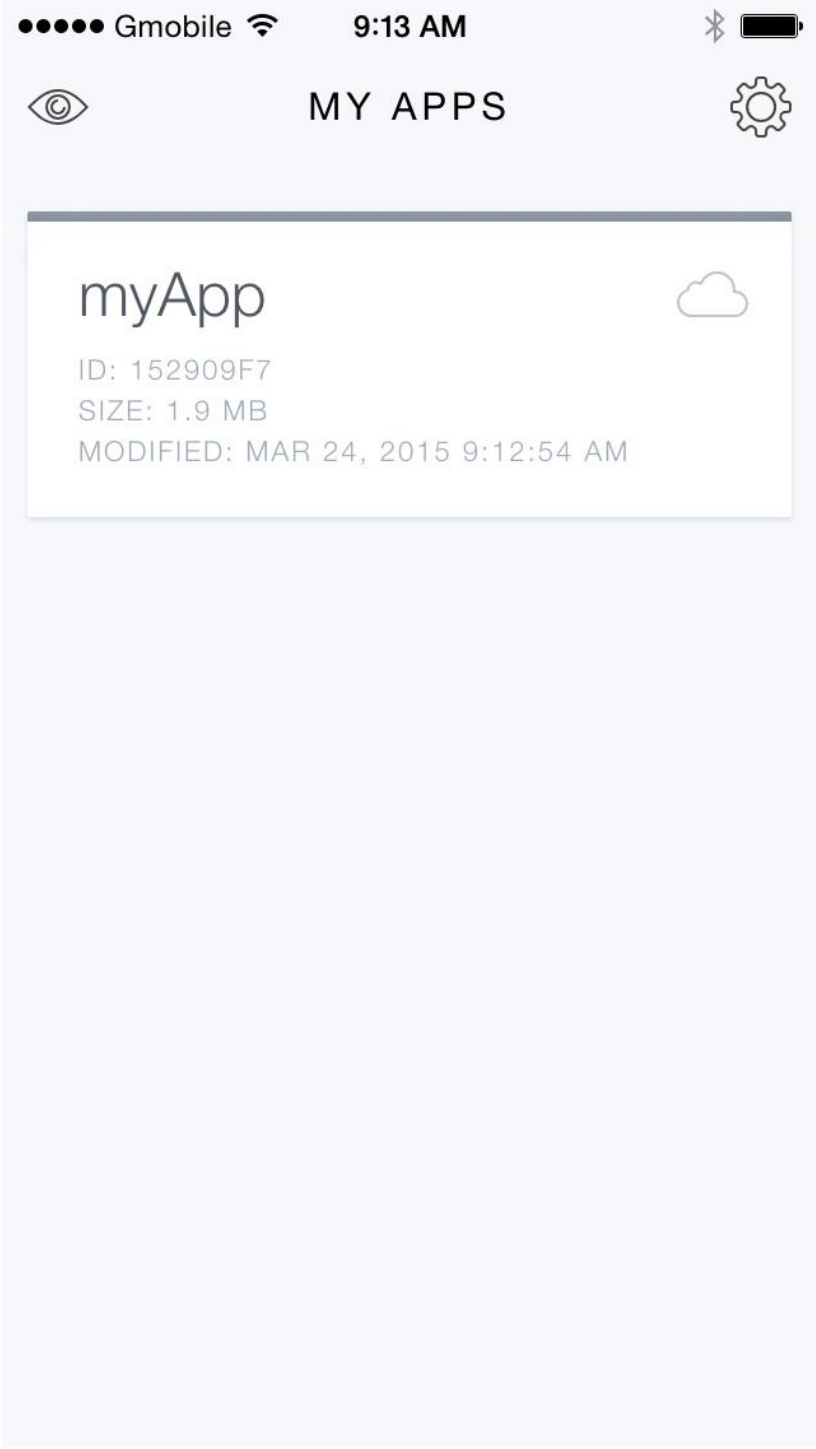

Genymotion
Start
Add
Settings

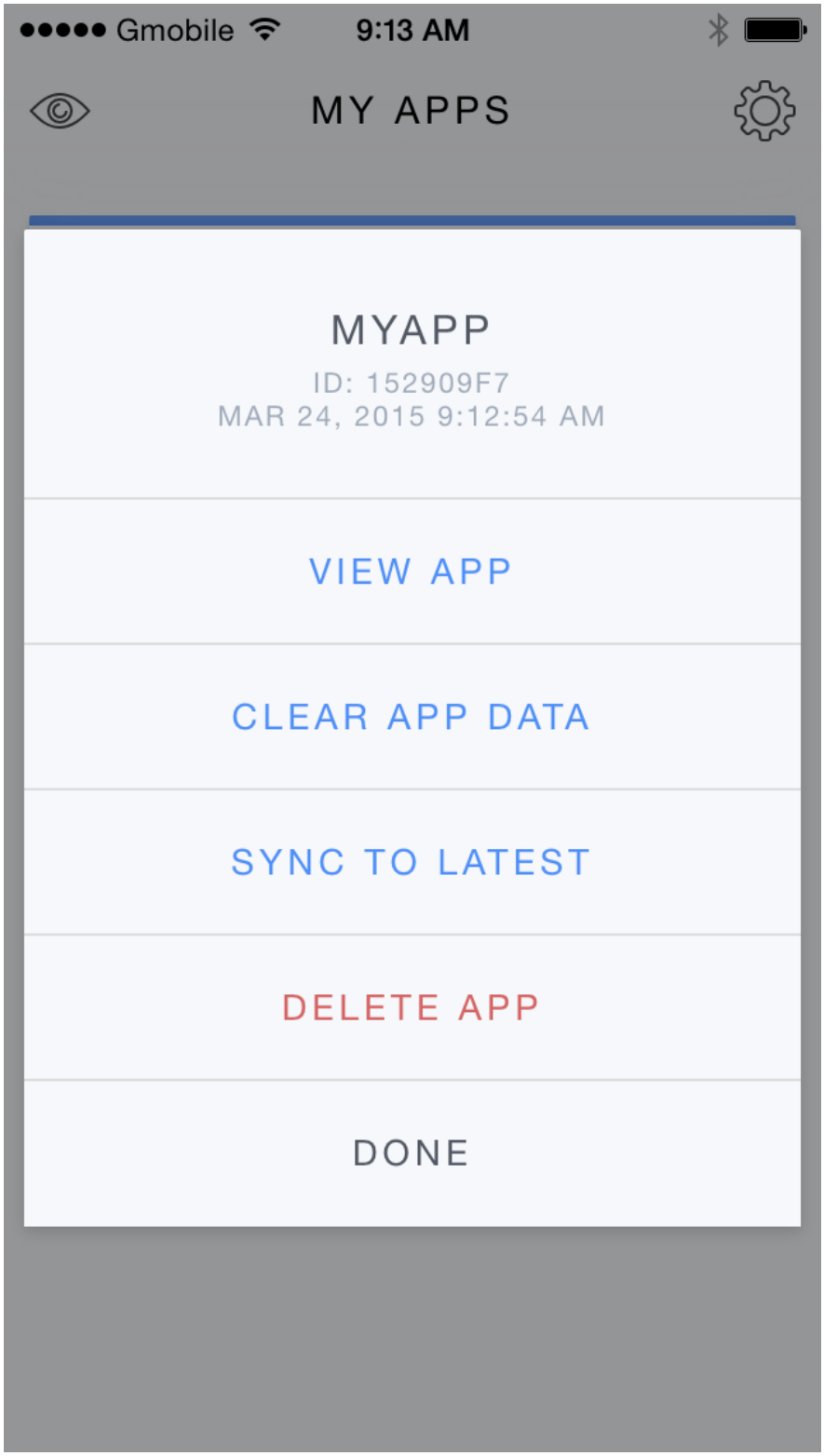

Genymotion for personal use - Samsung Galaxy S5 -...
6:44
TUE, MARCH 24
Charged
GPS
ID
1:1
free for personal use

```
Genymotion Shell > devices list
Available devices:

 Id | Select |    Status     |   Type   |   IP Address    |      Name
----+--------+---------------+----------+-----------------+---------------
  0 |    *   |            On |  virtual |  192.168.56.101 | Samsung Galaxy S5 -
4.4.4 - API 19 - 1080x1920
```



```
Uploading app...
Successfully uploaded (152909f7)

Share your beautiful app with someone:

$ ionic share EMAIL
```

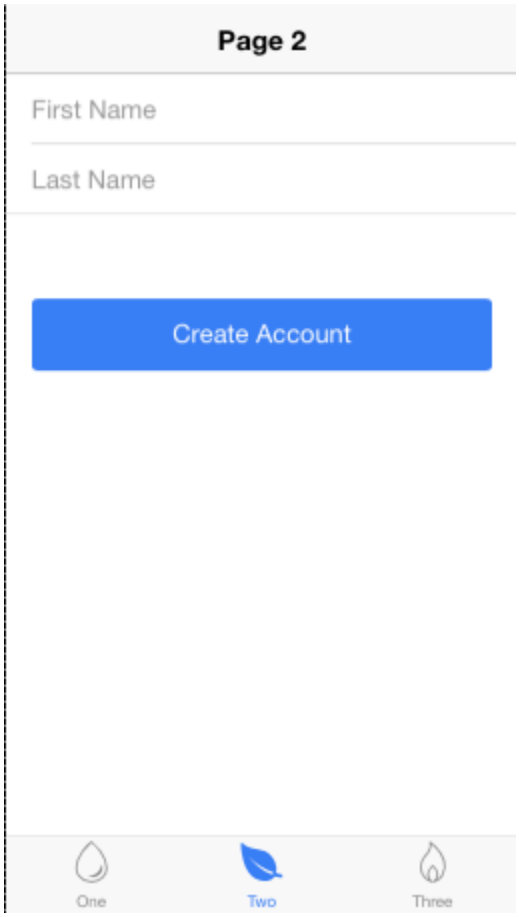


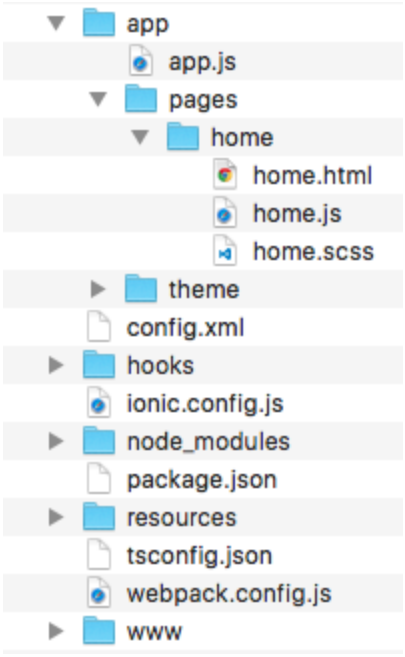

●●●●● Gmobile
9:13 AM
MY APPS
MYAPP
ID: 152909F7
MAR 24, 2015 9:12:54 AM
VIEW APP
CLEAR APP DATA
SYNC TO LATEST
DELETE APP
DONE

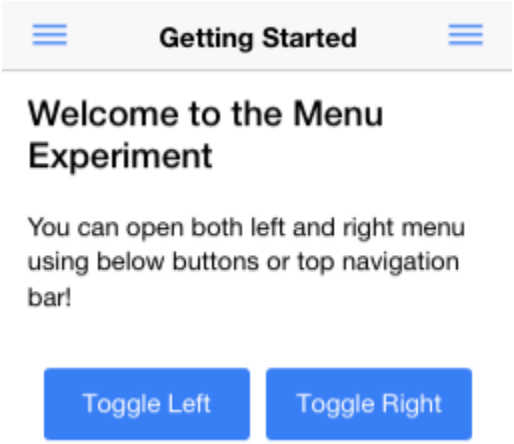
●●●○○ Gmobile
9:16 AM
Reggae
Chill
Dubstep
Indie
Rap
Cowbell
Swipe down three fingers to exit

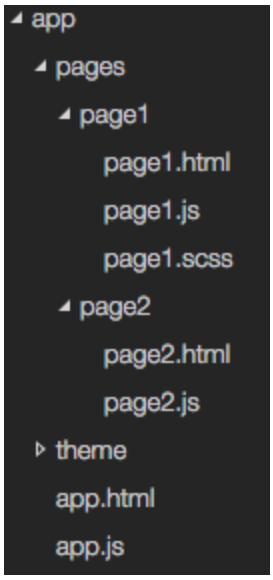
```
@App({
  templateUrl: 'build/app.html',
  config: {}
})
export class MyApp {
  constructor(platform: Platform) {
    this.root = TabsPage;

    platform.ready().then(() => {
    });
  }
}
```

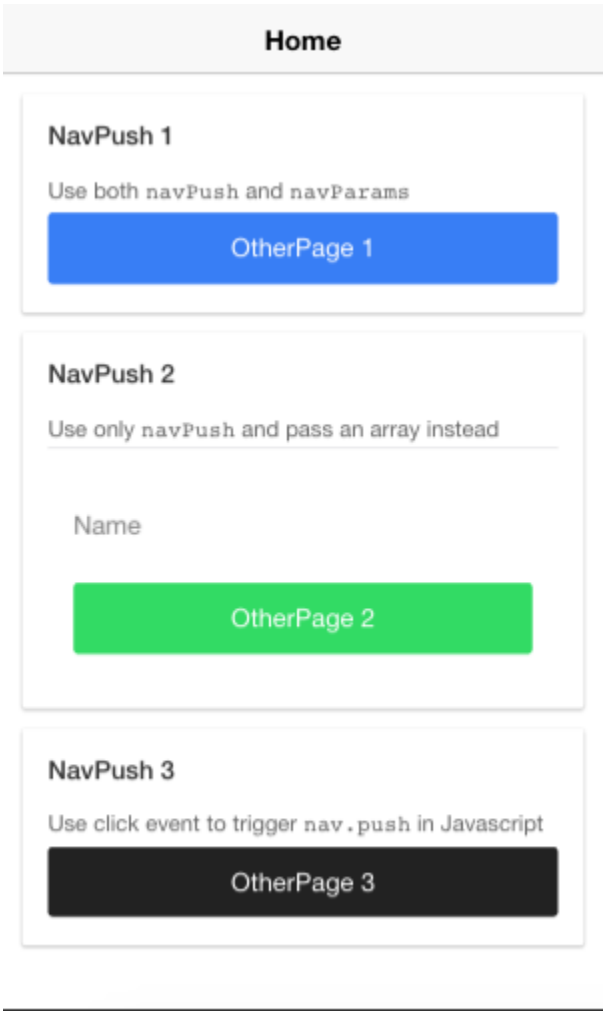
Chapter 2: Adding Ionic 2 Components

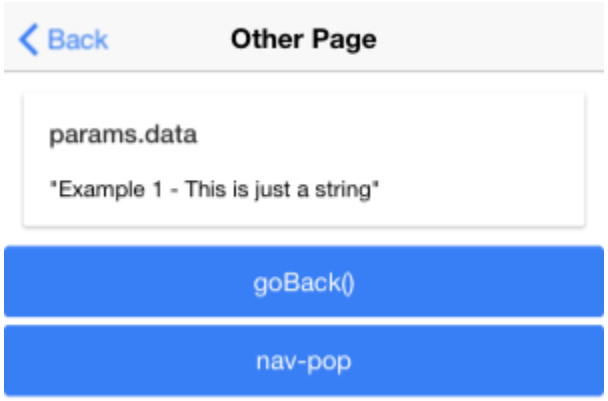



app
app.js
pages
home
home.html
home.js
home.scss
theme
config.xml
hooks
ionic.config.js
node_modules
package.json
resources
tsconfig.json
webpack.config.js
www

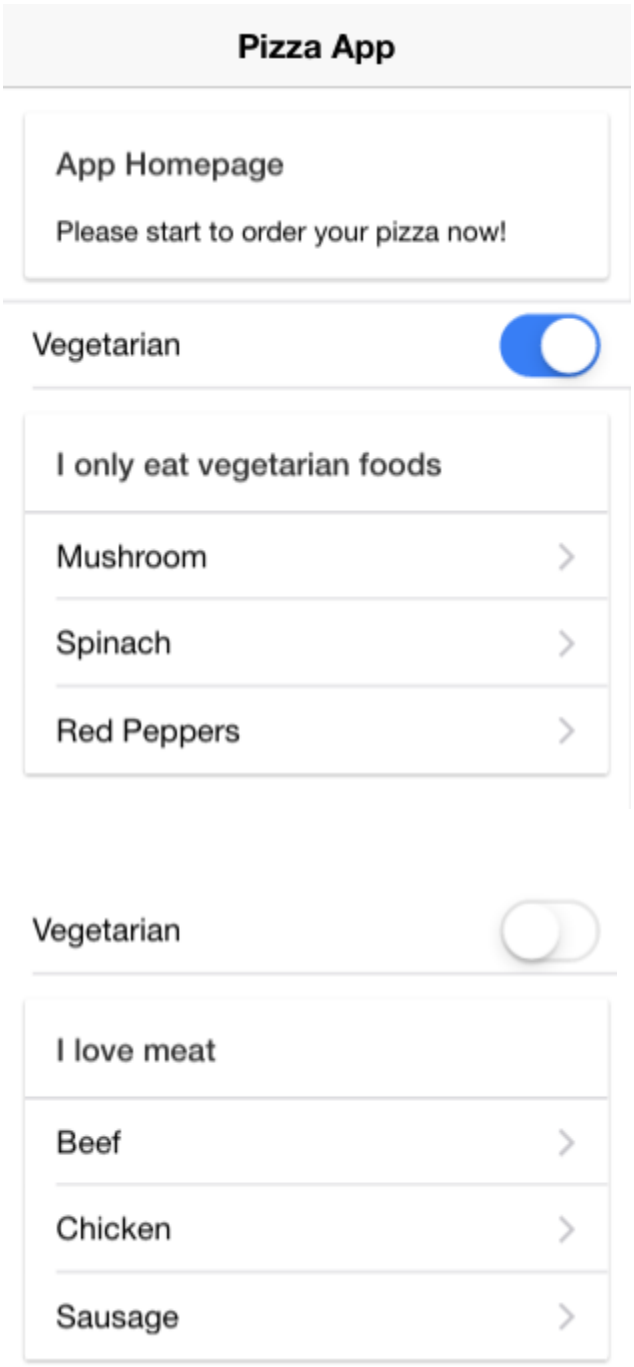

Getting Started
Welcome to the Menu Experiment
You can open both left and right menu using below buttons or top navigation bar!
Toggle Left
Toggle Right

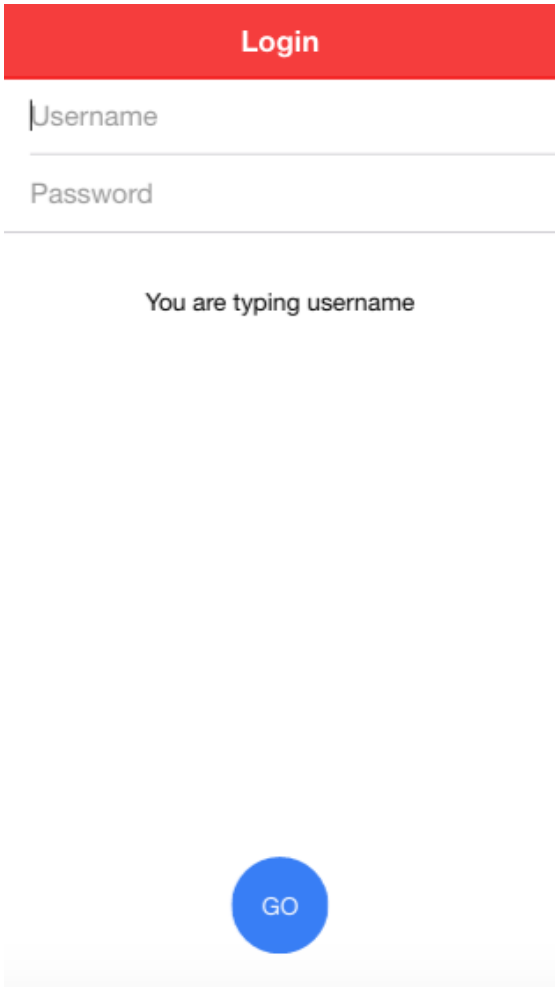

app
pages
page1
page1.html
page1.js
page1.scss
page2
page2.html
page2.js
theme
app.html
app.js


Home
NavPush 1
Use both navPush and navParams
OtherPage 1
NavPush 2
Use only navPush and pass an array instead
Name
OtherPage 2
NavPush 3
Use click event to trigger nav.push in Javascript
OtherPage 3


Back
Other Page
params.data
"Example 1 - This is just a string"
goBack()
nav-pop

Chapter 3: Extending Ionic 2 with Angular 2 Building Blocks





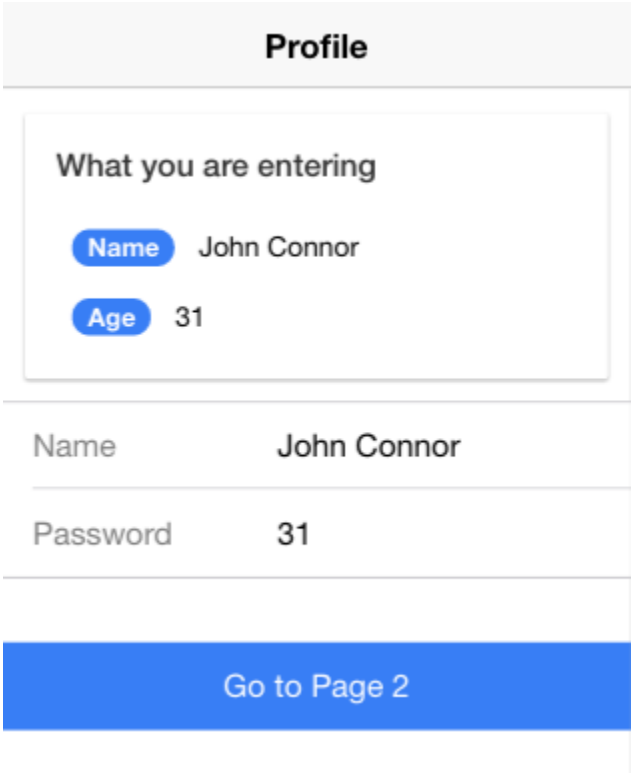
User

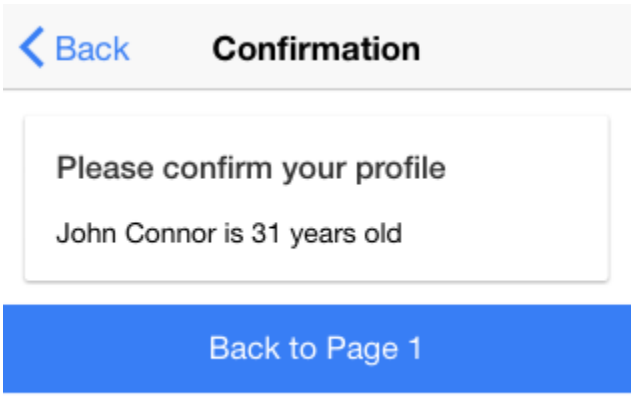
Unformatted Value

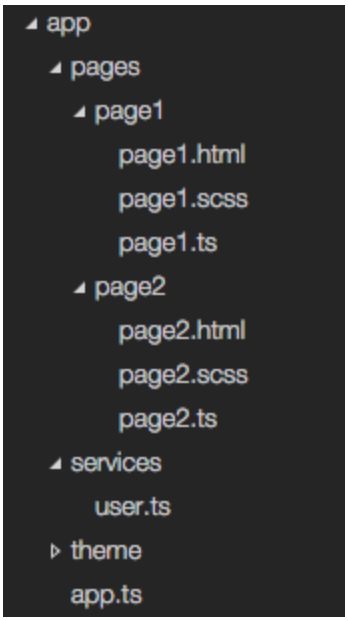
```
user

{ "name": "John Connor",
"birthyear": 1985 }
```

Formatted Value

First Name	John
Last Name	Connor
Age	31


Profile
What you are entering
Name
John Connor
Age
31
Name
John Connor
Password
31
Go to Page 2

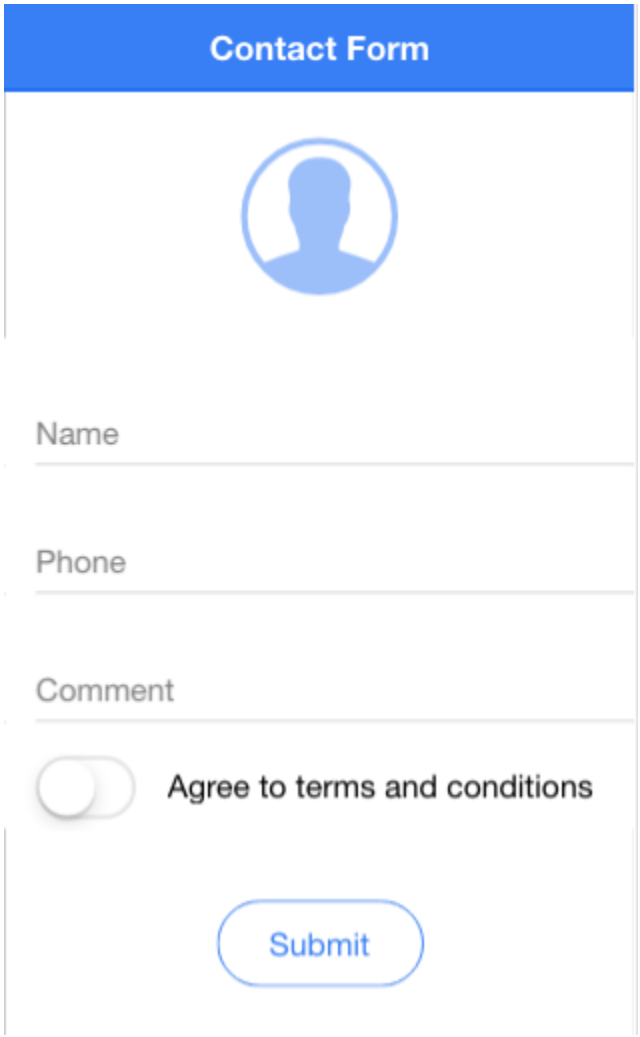

Back
Confirmation
Please confirm your profile
John Connor is 31 years old
Back to Page 1

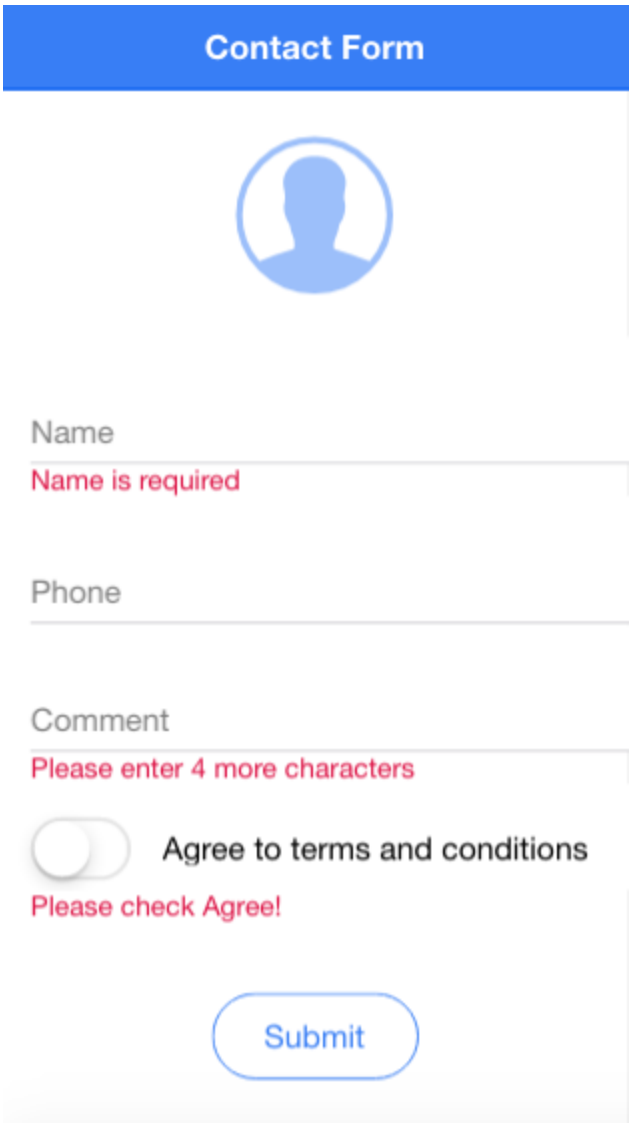


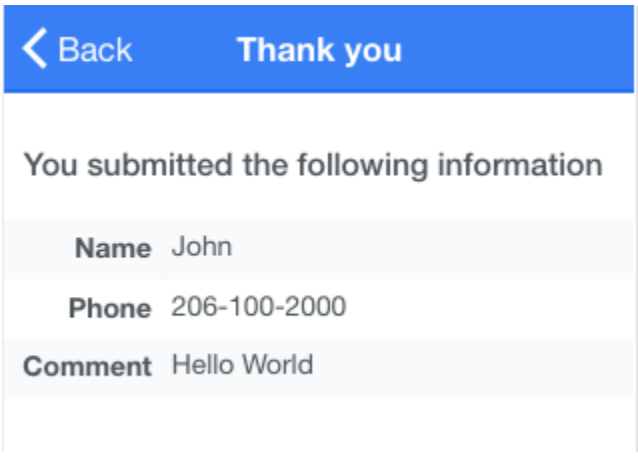

```
Set name = John Conno
Set age = 3
```

>

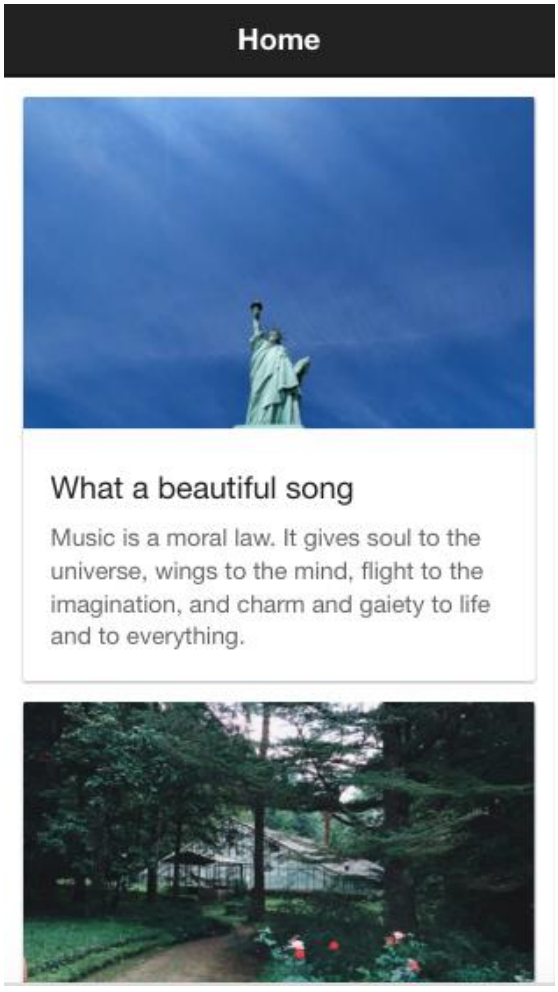
Chapter 4: Validating Forms and Making HTTP Requests




Contact Form
Name
Name is required
Phone
Comment
Please enter 4 more characters
Agree to terms and conditions
Please check Agree!
Submit

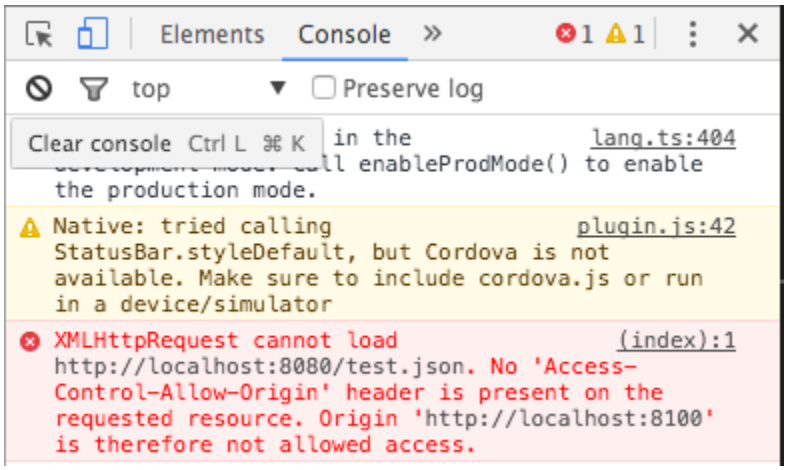

Back
Thank you
You submitted the following information
Name John
Phone 206-100-2000
Comment Hello World

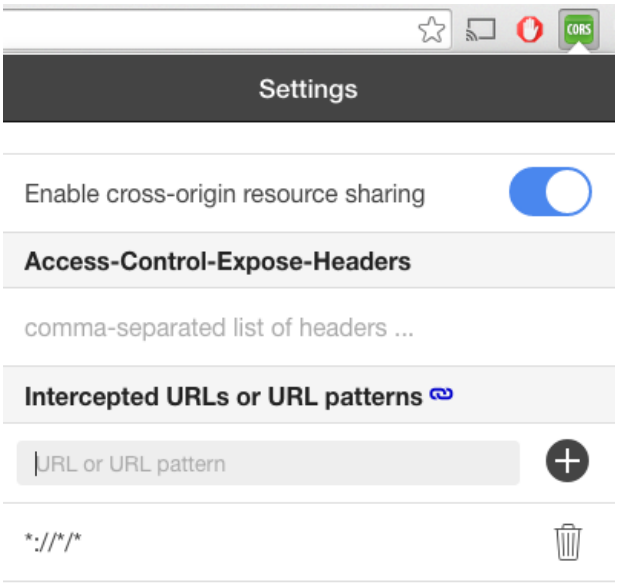
```
▼ NgForm {ngSubmit: EventEmitter, form: ControlGroup}
  ▶ control: ControlGroup
  ▼ controls: Object
    ▶ comment: Control
    ▶ name: Control
    ▶ phone: Control
    ▶ tos: Control
    ▶ __proto__: Object
    dirty: true
    errors: null
  ▶ form: ControlGroup
  ▶ formDirective: NgForm
  ▶ ngSubmit: EventEmitter
  ▶ path: Array[0]
    pristine: false
    touched: false
    untouched: true
    valid: true
  ▶ value: Object
  ▶ __proto__: ControlContainer
```

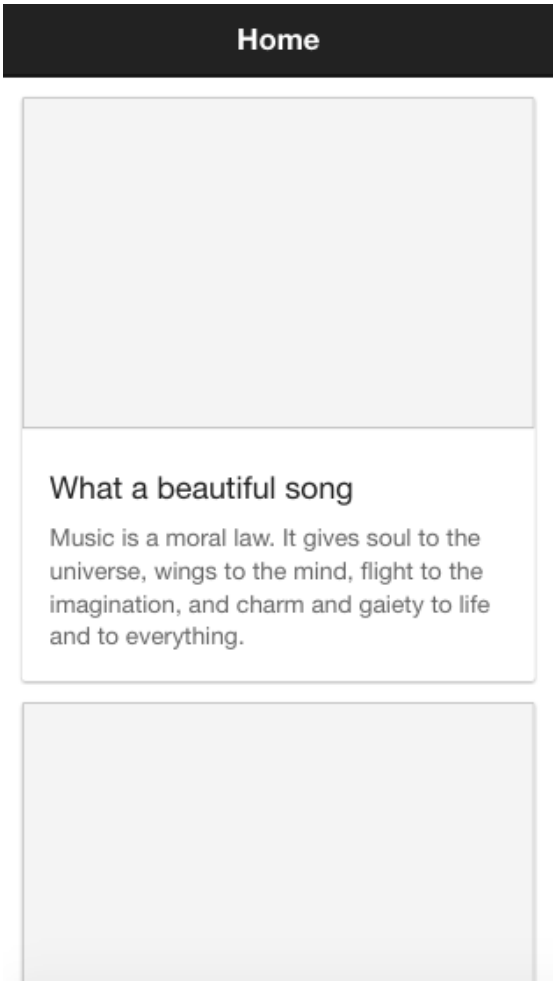


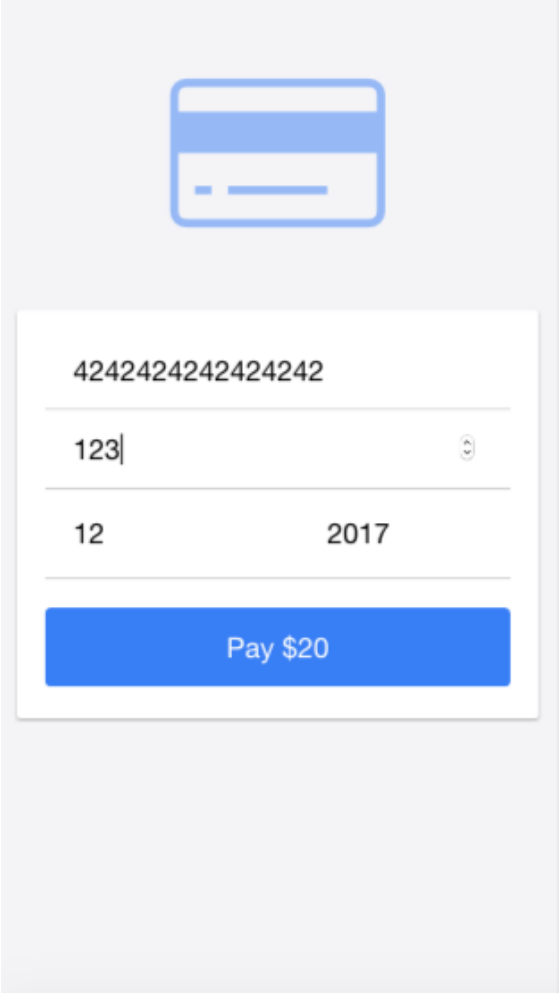
quote.ts:17

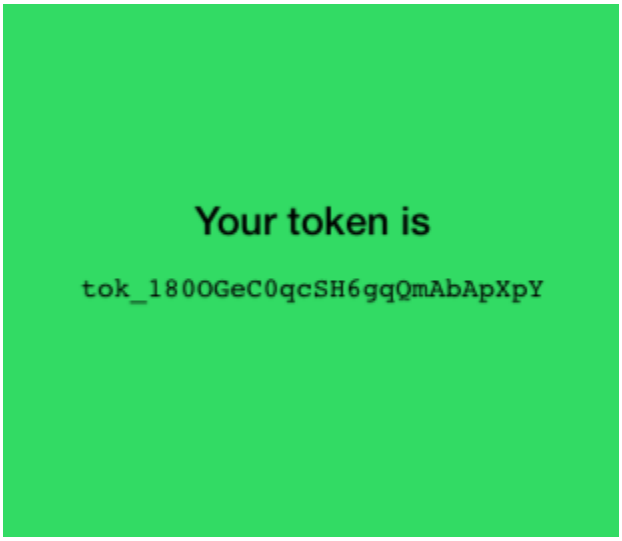
```
▼ [Object, Object, Object] i
  ▼ 0: Object
      category: "objects"
      description: "Music is a moral law. It gives soul to the universe, wings to the mind, flight to the imagination,
      title: "What a beautiful song"
    ▶ __proto__: Object
  ▼ 1: Object
      category: "nature"
      description: "Look deep into nature, and then you will understand everything better."
      title: "The world we live in"
    ▶ __proto__: Object
  ▼ 2: Object
      category: "people"
      description: "People who know little are usually great talkers, while men who know much say little."
      title: "Life experiences"
    ▶ __proto__: Object
    length: 3
  ▶ __proto__: Array[0]
```



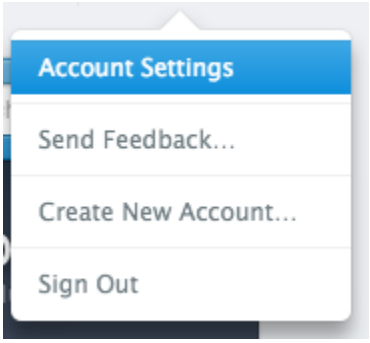

Settings
Enable cross-origin resource sharing
Access-Control-Expose-Headers
comma-separated list of headers ...
Intercepted URLs or URL patterns
URL or URL pattern
:///*


Home
What a beautiful song
Music is a moral law. It gives soul to the universe, wings to the mind, flight to the imagination, and charm and gaiety to life and to everything.


4242424242424242
123
12
2017
Pay $20

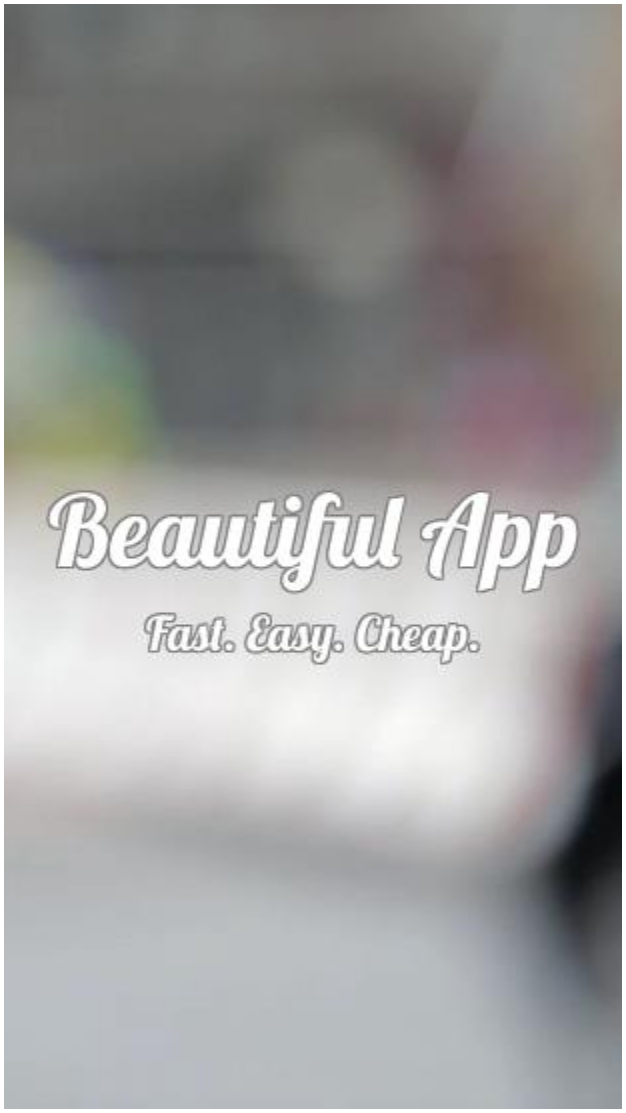

Your token is
tok_180OGeC0qcSH6gqQmAbApXpY

```
▼ NgForm {ngSubmit: EventEmitter, form: ControlGroup}
    control: (...)
    controls: (...)
    dirty: (...)
    errors: (...)
  ▶ form: ControlGroup
    formDirective: (...)
  ▶ ngSubmit: EventEmitter
    path: (...)
    pristine: (...)
    touched: (...)
    untouched: (...)
    valid: (...)
  ▼ value: Object
      cc: "4242424242424242"
      cvc: "123"
      month: "12"
      year: "2017"
    ▶ __proto__: Object
  ▶ __proto__: ControlContainer
success
Sending token param:
tok_180OGeC0qcSH6gqQmAbApXpY
Getting token param:
tok_180OGeC0qcSH6gqQmAbApXpY
```

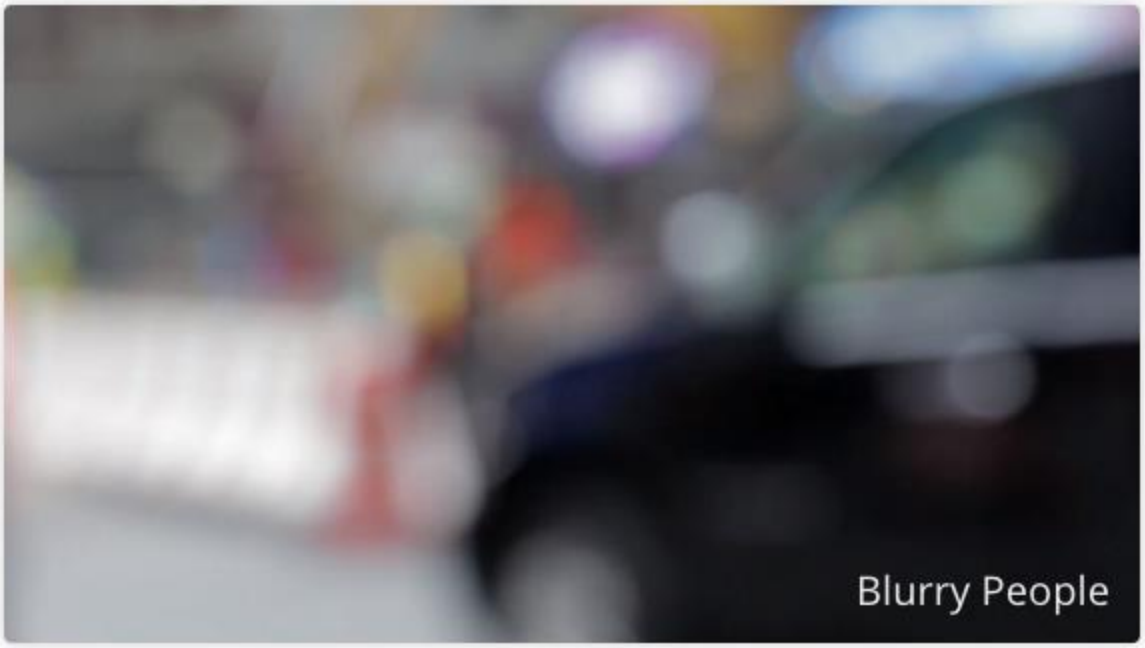


Test Publishable Key: pk_test_2UTcUKvuaJy2uTaKp5YJZvYE

Chapter 5: Adding Animation



Preview your Coverr



See it as a Coverr

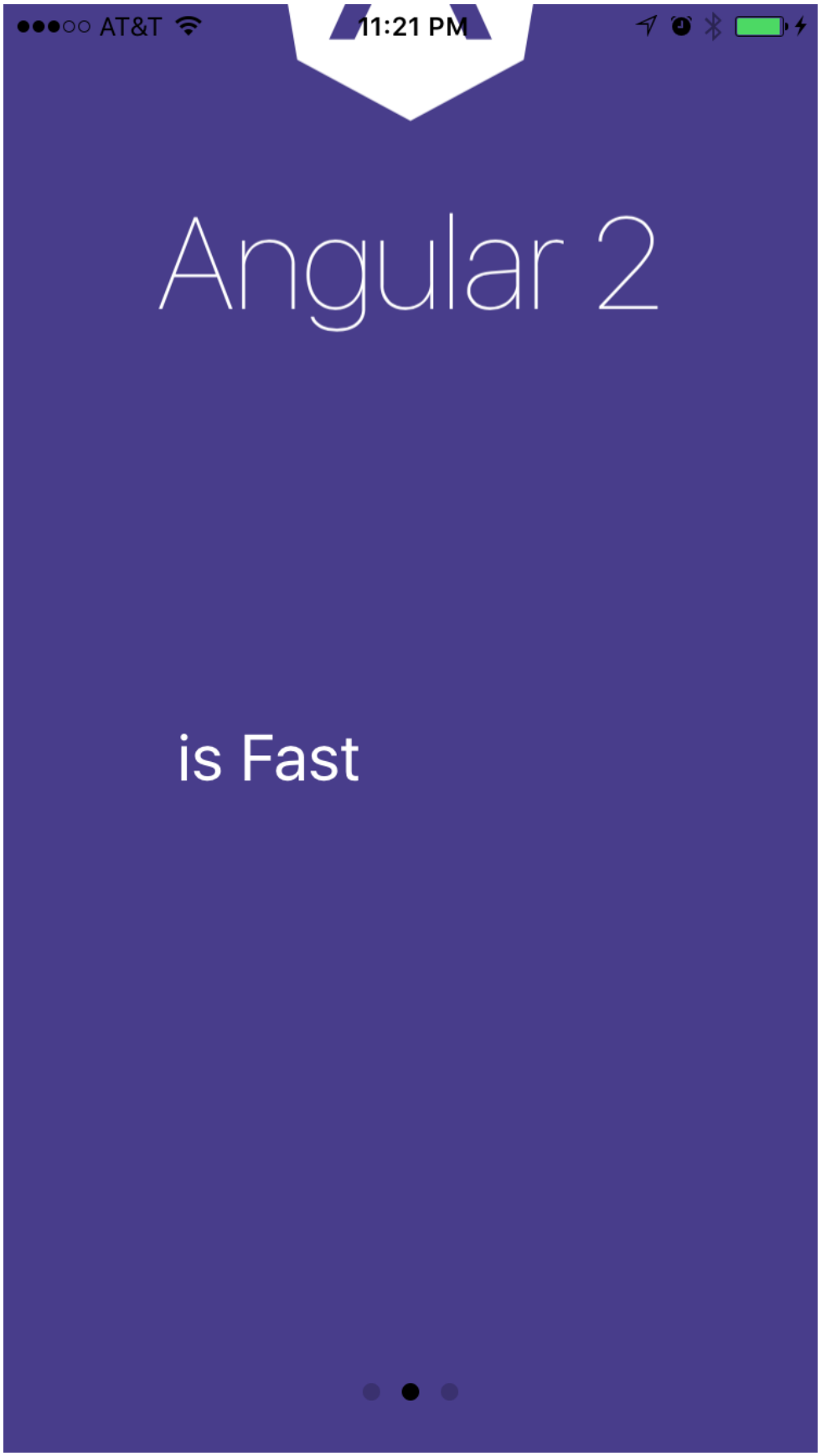
Download

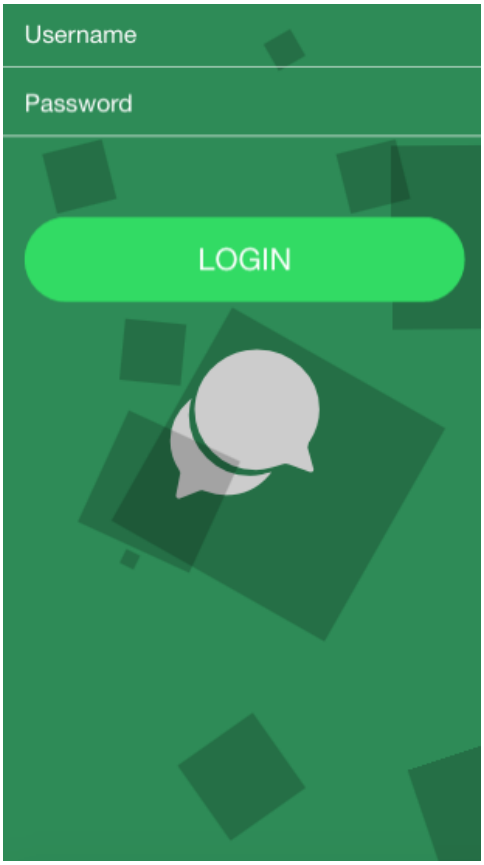
QUOTE

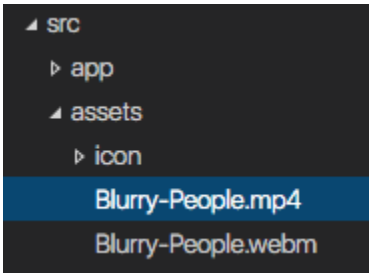
Always remember that you are absolutely unique. Just like everyone else.

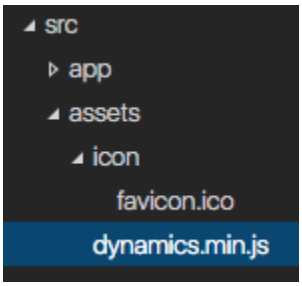
Margaret Mead

Ionic 2
is Beautiful


●●●○○ AT&T
11:21 PM
Angular 2
is Fast

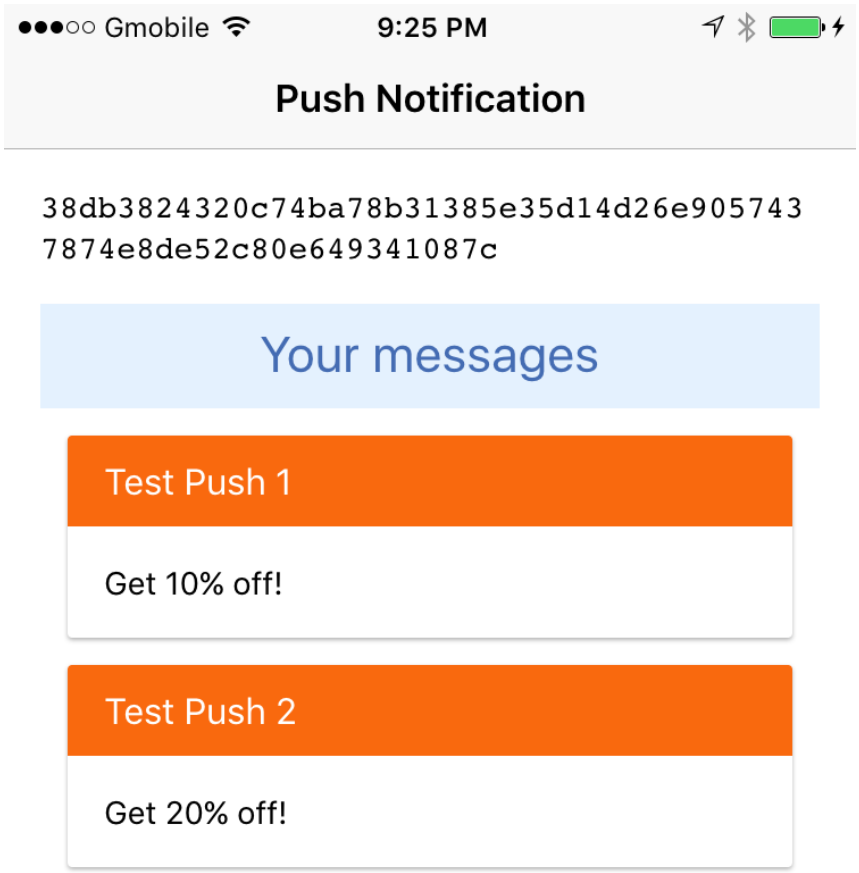

Username
Password
LOGIN

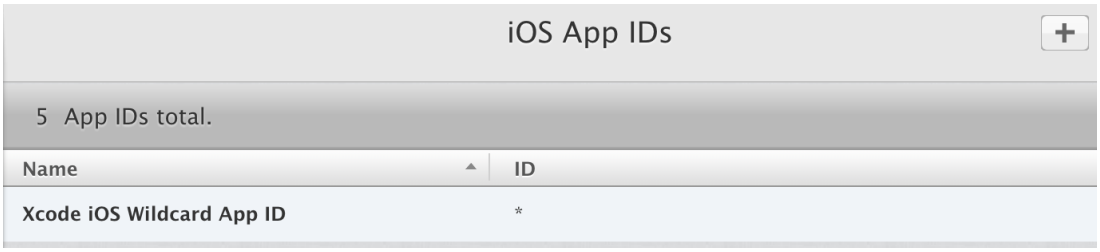

src
app
assets
icon
Blurry-People.mp4
Blurry-People.webm


src
app
assets
icon
favicon.ico
dynamics.min.js

Chapter 6: User Authentication and Push Notification

Using Ionic Cloud





Registering an App ID

The App ID string contains two parts separated by a period (.) — an App ID Prefix that is defined as your Team ID by default and an App ID Suffix that is defined as a Bundle ID search string. Each part of an App ID has different and important uses for your app. Learn More

App ID Description

Name: MyiOSPush

You cannot use special characters such as @, &, *, ', "

App ID Suffix

Explicit App ID

If you plan to incorporate app services such as Game Center, In-App Purchase, Data Protection, and iCloud, or want a provisioning profile unique to a single app, you must register an explicit App ID for your app.

To create an explicit App ID, enter a unique string in the Bundle ID field. This string should match the Bundle ID of your app.

Bundle ID: com.ionicframework.myiospush230693

We recommend using a reverse-domain name style string (i.e., com.domainname.appname). It cannot contain an asterisk (*).

Wildcard App ID

This allows you to use a single App ID to match multiple apps. To create a wildcard App ID, enter an asterisk (*) as the last digit in the Bundle ID field.

Bundle ID:

Example: com.domainname.*

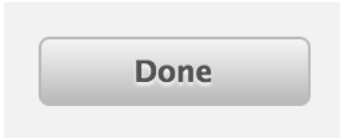
App Services

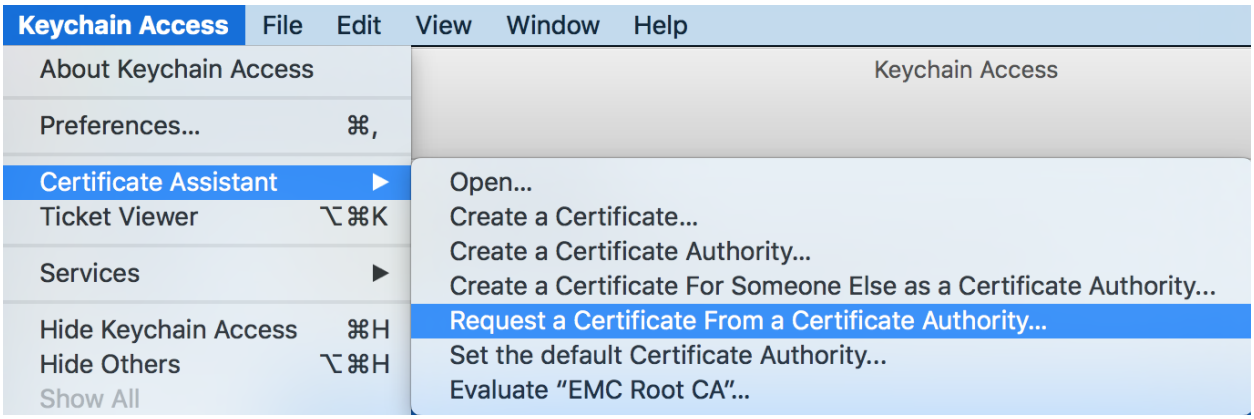
Select the services you would like to enable in your app. You can edit your choices after this App ID has been registered.

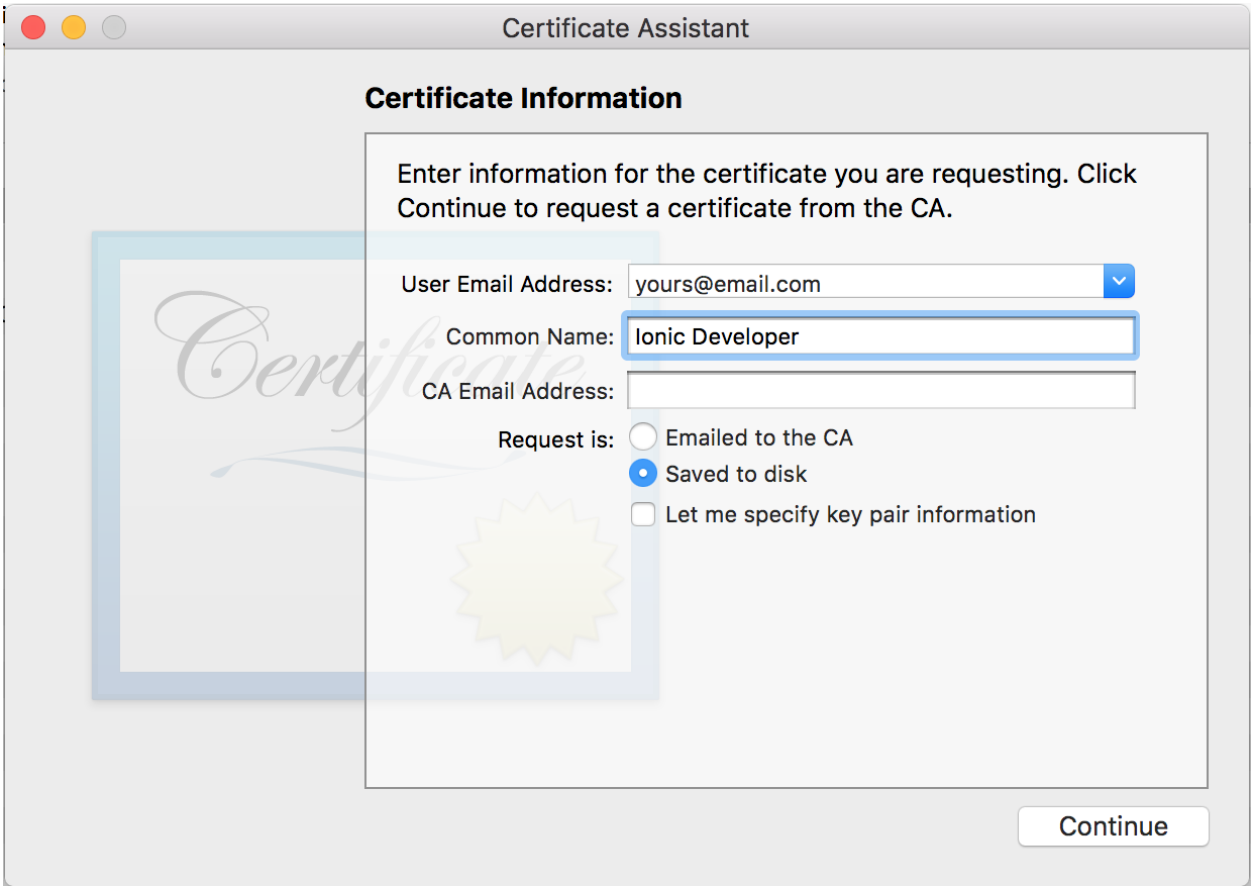
Enable Services:

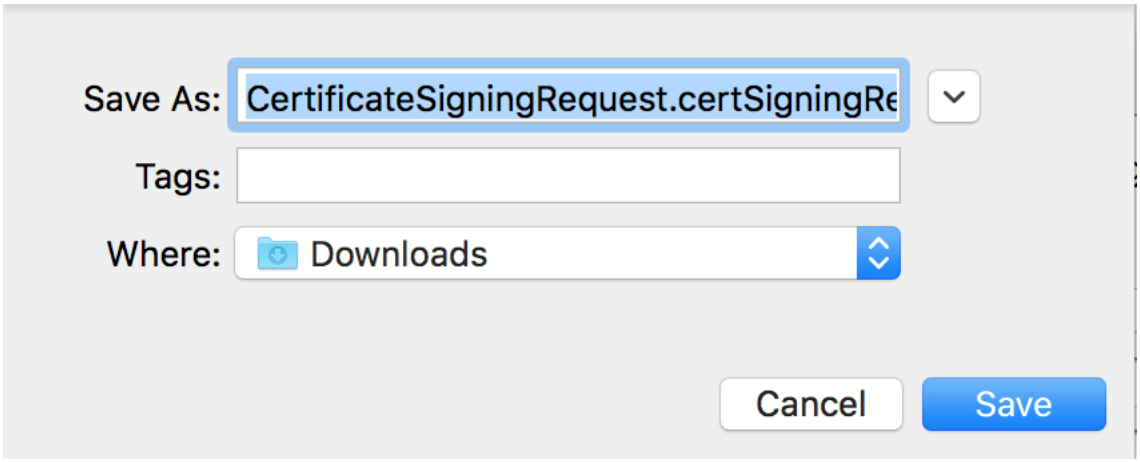
- [ ] App Groups
- [ ] Apple Pay
- [ ] Associated Domains
- [ ] Data Protection
  - ( ) Complete Protection
  - ( ) Protected Unless Open
  - ( ) Protected Until First User Authentication
- [x] Game Center
- [ ] HealthKit
- [ ] HomeKit
- [ ] iCloud
  - ( ) Compatible with Xcode 5
  - ( ) Include CloudKit support (requires Xcode 6)
- [x] In-App Purchase
- [ ] Inter-App Audio
- [ ] Personal VPN
- [x] Push Notifications
- [ ] SiriKit
- [ ] Wallet
- [ ] Wireless Accessory Configuration

Cancel | Back | Register


Done


Keychain Access
File
Edit
View
Window
Help
About Keychain Access
Preferences... ⌘,
Certificate Assistant
Ticket Viewer ⌥⌘K
Services
Hide Keychain Access ⌘H
Hide Others ⌥⌘H
Show All
Keychain Access
Open...
Create a Certificate...
Create a Certificate Authority...
Create a Certificate For Someone Else as a Certificate Authority...
Request a Certificate From a Certificate Authority...
Set the default Certificate Authority...
Evaluate "EMC Root CA"...


Certificate Assistant
Certificate Information
Enter information for the certificate you are requesting. Click Continue to request a certificate from the CA.
User Email Address: yours@email.com
Common Name: Ionic Developer
CA Email Address:
Request is: Emailed to the CA
Saved to disk
Let me specify key pair information
Continue



iOS Certificates

1 Certificates Total

Name	Type	Expires
Hoc PHAN	iOS Distribution	Sep 09, 2017

Select Type › Request › Generate › Download

What type of certificate do you need?

Development

- **iOS App Development**
  Sign development versions of your iOS app.

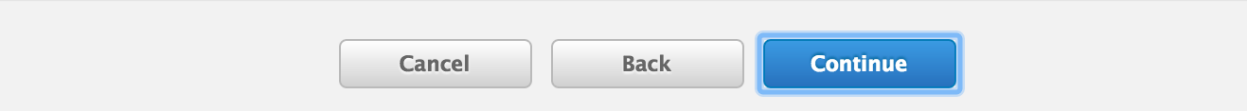
- **Apple Push Notification service SSL (Sandbox)**
  Establish connectivity between your notification server and the Apple Push Notification service sandbox environment to deliver remote notifications to your app. A separate certificate is required for each app you develop.

To manually generate a Certificate, you need a Certificate Signing Request (CSR) file from your Mac. To create a CSR file, follow the instructions below to create one using Keychain Access.

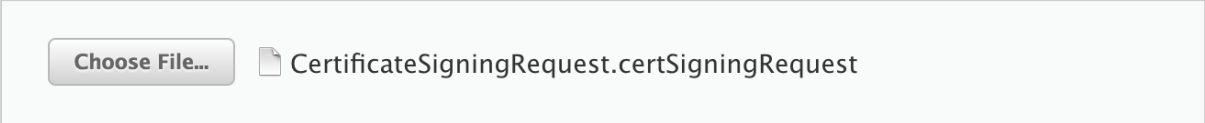
Create a CSR file.
In the Applications folder on your Mac, open the Utilities folder and launch Keychain Access.

Within the Keychain Access drop down menu, select Keychain Access > Certificate Assistant > Request a Certificate from a Certificate Authority.

- In the Certificate Information window, enter the following information:
  - In the User Email Address field, enter your email address.
  - In the Common Name field, create a name for your private key (e.g., John Doe Dev Key).
  - The CA Email Address field should be left empty.
  - In the "Request is" group, select the "Saved to disk" option.
- Click Continue within Keychain Access to complete the CSR generating process.

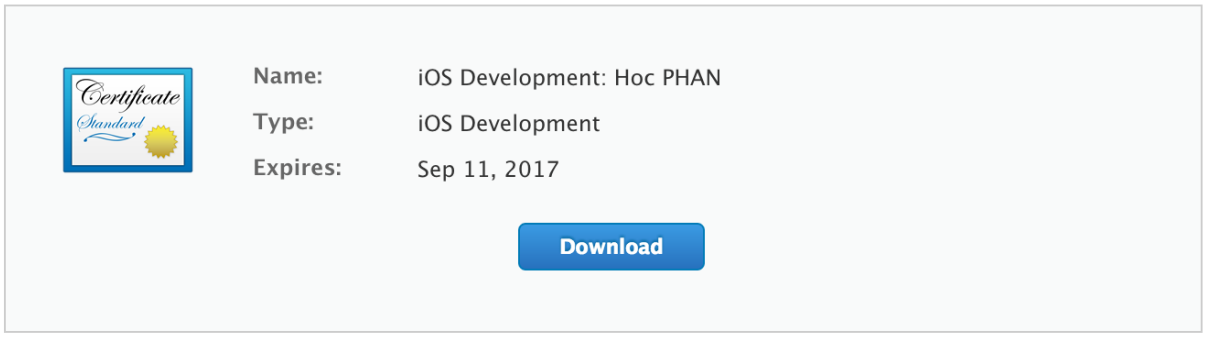


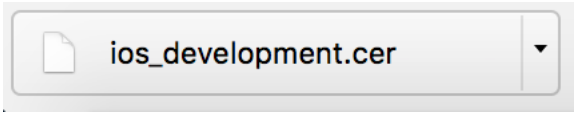
Upload CSR file.
Select .certSigningRequest file saved on your Mac.

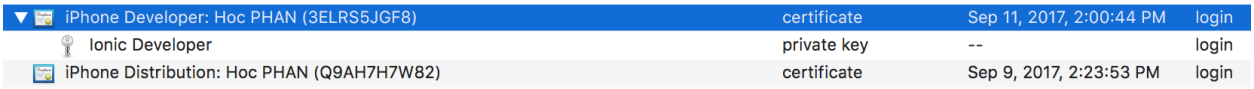


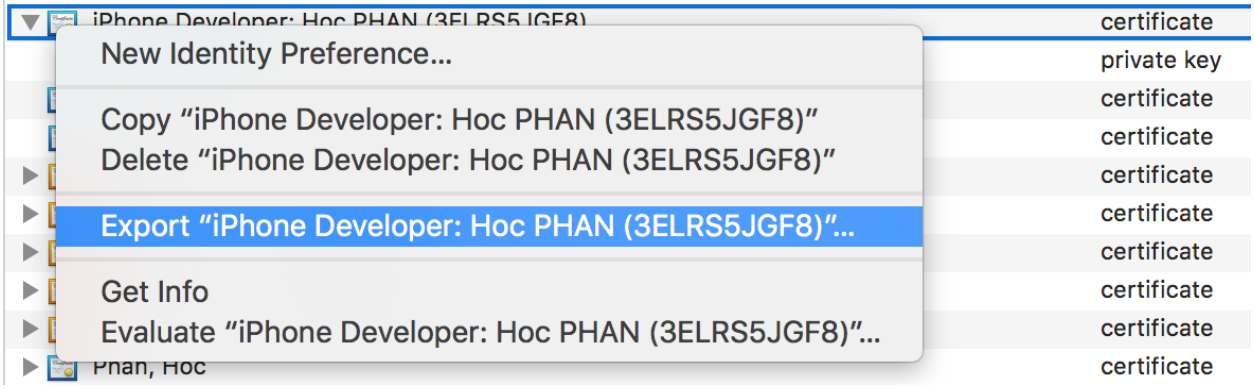
Download, Install and Backup

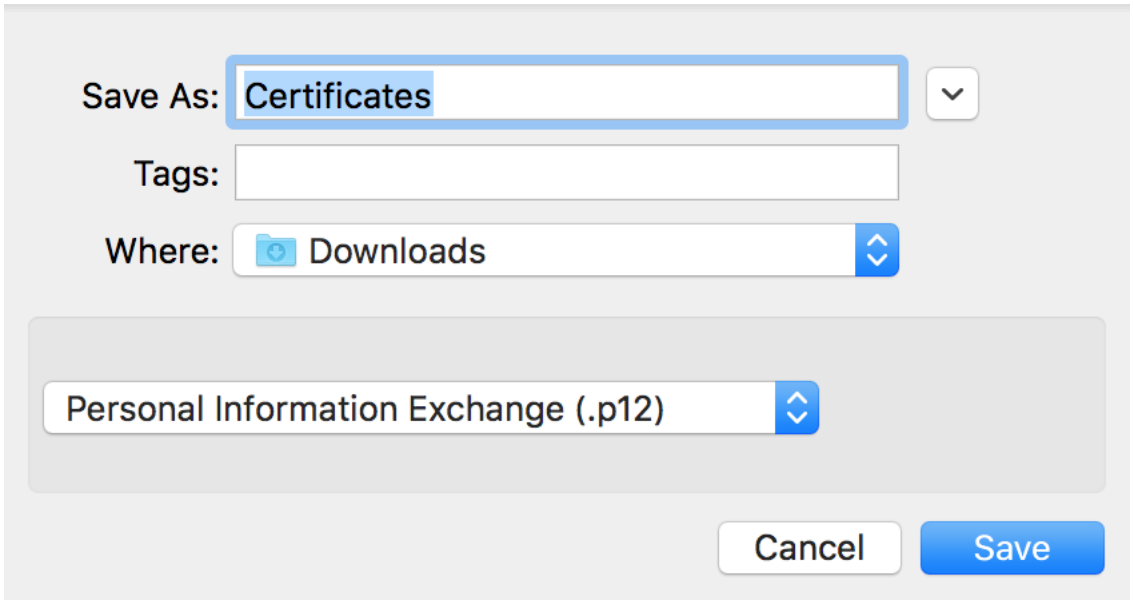
Download your certificate to your Mac, then double click the .cer file to install in Keychain Access. Make sure to save a backup copy of your private and public keys somewhere secure.

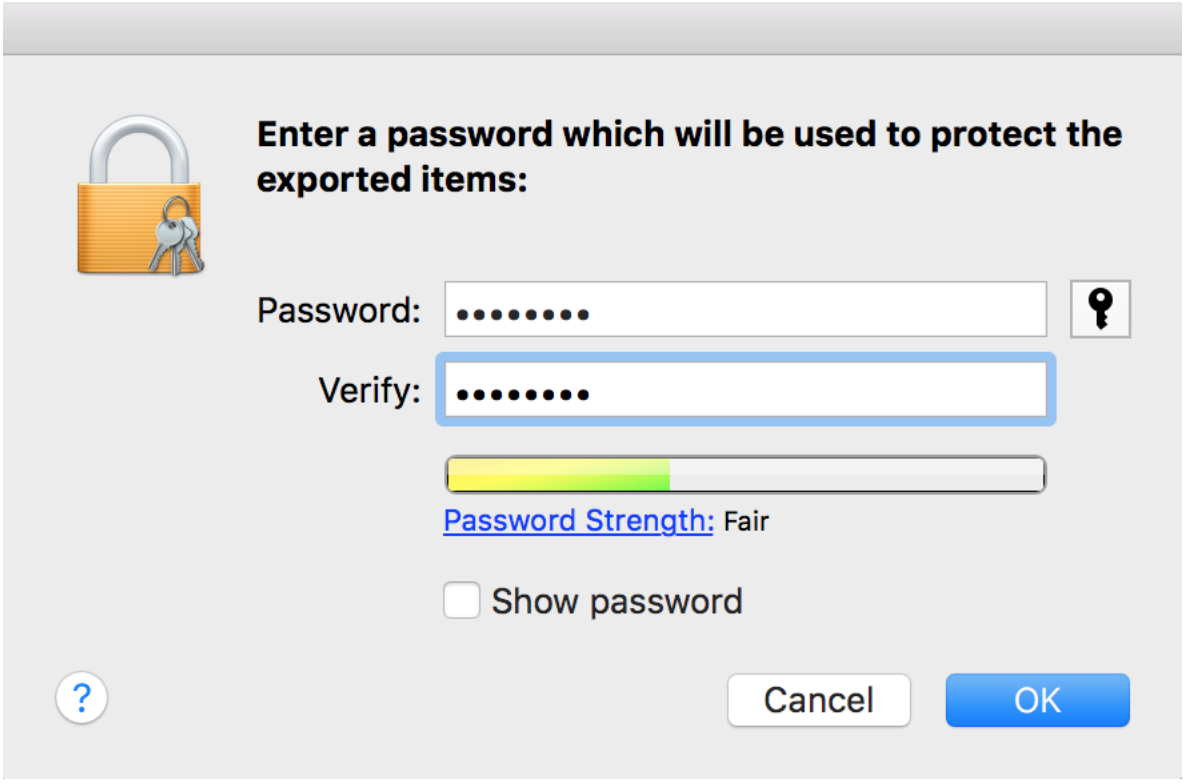


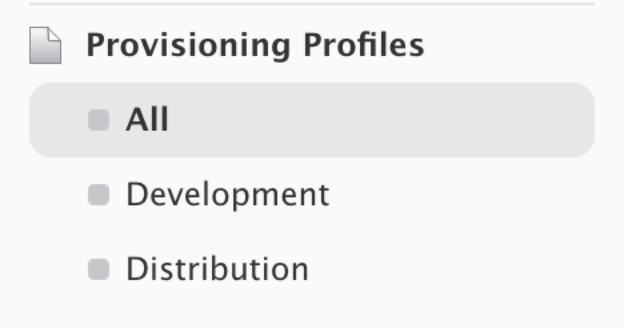


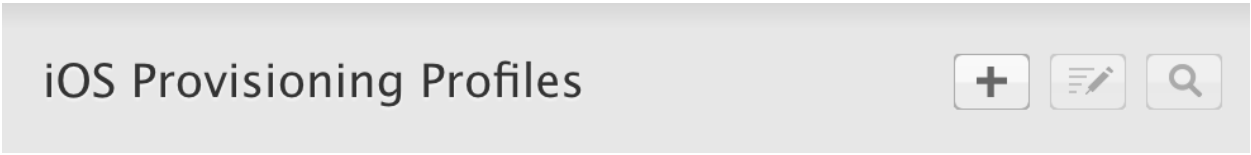


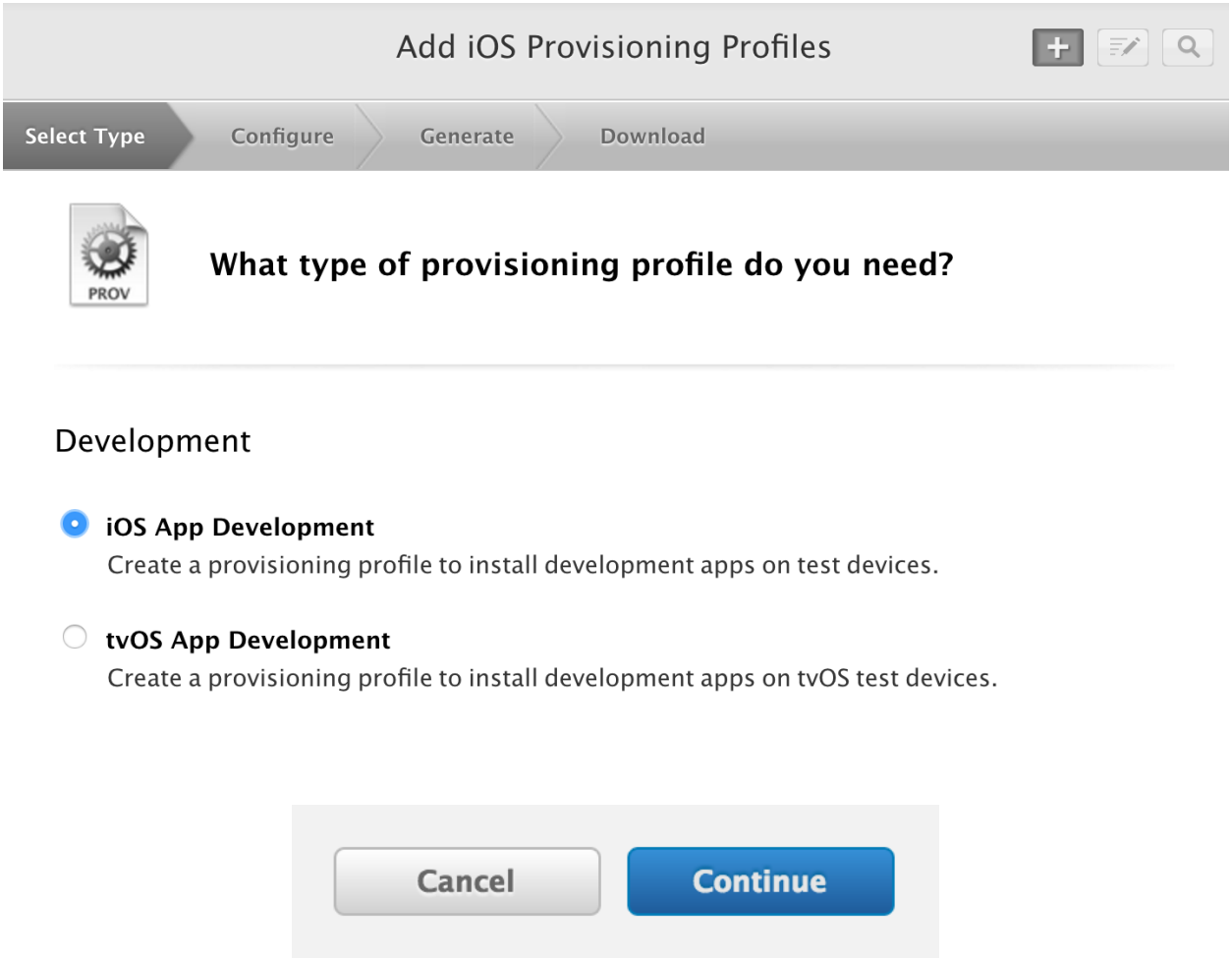



Save As:
Certificates
Tags:
Where:
Downloads
Personal Information Exchange (.p12)
Cancel
Save


Enter a password which will be used to protect the exported items:
Password:
Verify:
Password Strength: Fair
Show password
Cancel
OK


Provisioning Profiles
All
Development
Distribution


iOS Provisioning Profiles


Add iOS Provisioning Profiles
Select Type
Configure
Generate
Download
PROV
What type of provisioning profile do you need?
Development
iOS App Development
Create a provisioning profile to install development apps on test devices.
tvOS App Development
Create a provisioning profile to install development apps on tvOS test devices.
Cancel
Continue

Select App ID.

If you plan to use services such as Game Center, In-App Purchase, and Push Notifications, or want a Bundle ID unique to a single app, use an explicit App ID. If you want to create one provisioning profile for multiple apps or don't need a specific Bundle ID, select a wildcard App ID. Wildcard App IDs use an asterisk (*) as the last digit in the Bundle ID field. Please note that iOS App IDs and Mac App IDs cannot be used interchangeably.

App ID: MyiOSPush (Q9AH7H7W82.com.ionicframework.myiospush230693)

Cancel Back 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 1 item(s) selected
Hoc PHAN (iOS Development)	

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	4 of 4 item(s) selected
Hoc iPhone 4S	
Hoc iPhone 5	
Hoc's iPhone	
phanh1's iPhone (2)	

Name this profile and generate.

The name you provide will be used to identify the profile in the portal.

Profile Name: **MyiOSPush Provisioning Profile**

Type: **iOS Development**

App ID: **MyiOSPush (Q9AH7H7W82. com.ionicframework.myiospush230693)**

Certificates: **1 Included**

Devices: **4 Included**

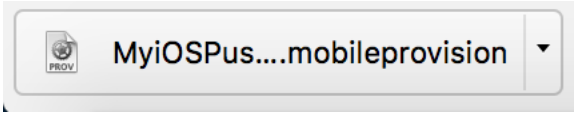
Your provisioning profile is ready.

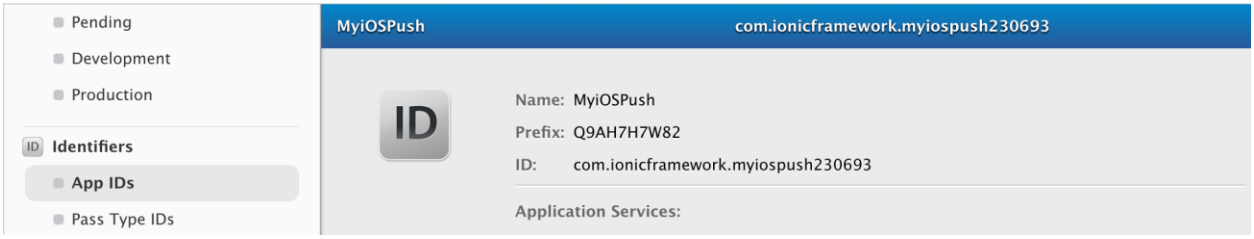
Download and Install

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

Name: MyiOSPush Provisioning Profile
Type: iOS Development
App ID: Q9AH7H7W82.com.ionicframework.myiospush230693
Expires: Sep 11, 2017

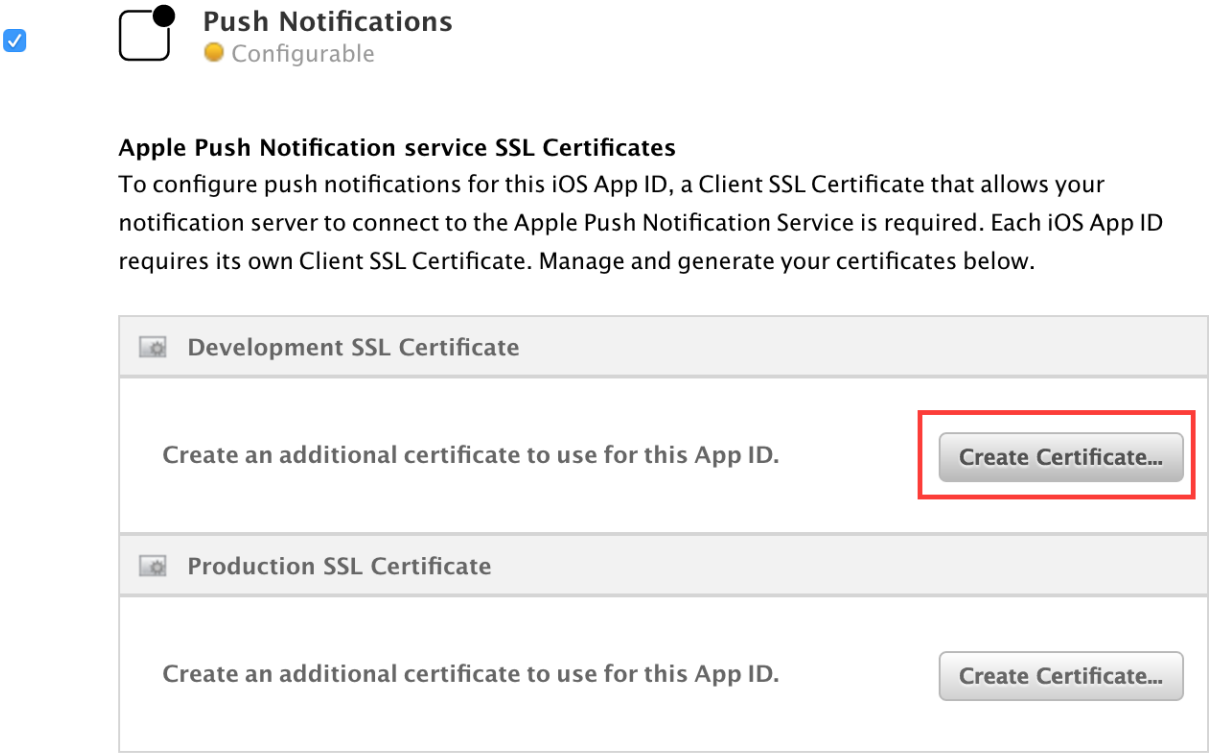
Download





Push Notifications	Configurable	Configurable
SiriKit	Disabled	Disabled
Wallet	Disabled	Disabled
Wireless Accessory Configuration	Disabled	Disabled

Edit



About Creating a Certificate Signing Request (CSR)

To manually generate a Certificate, you need a Certificate Signing Request (CSR) file from your Mac. To create a CSR file, follow the instructions below to create one using Keychain Access.

Create a CSR file.
In the Applications folder on your Mac, open the Utilities folder and launch Keychain Access.

Within the Keychain Access drop down menu, select Keychain Access > Certificate Assistant > Request a Certificate from a Certificate Authority.

- In the Certificate Information window, enter the following information:
  - In the User Email Address field, enter your email address.
  - In the Common Name field, create a name for your private key (e.g., John Doe Dev Key).
  - The CA Email Address field should be left empty.
  - In the "Request is" group, select the "Saved to disk" option.
- Click Continue within Keychain Access to complete the CSR generating process.

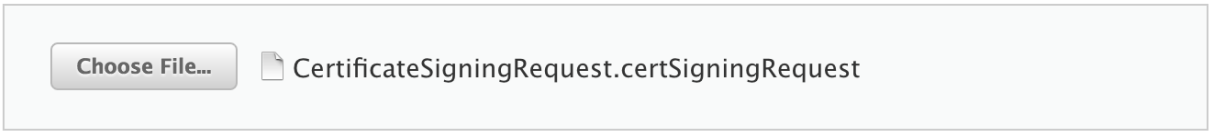
Cancel Back Continue

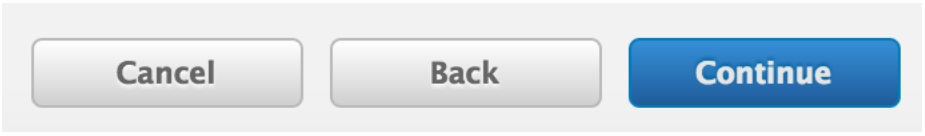
Generate your certificate.

When your CSR file is created, a public and private key pair is automatically generated. Your private key is stored on your computer. On a Mac, it is stored in the login Keychain by default and can be viewed in the Keychain Access app under the "Keys" category. Your requested certificate is the public half of your key pair.

Upload CSR file.
Select .certSigningRequest file saved on your Mac.

Upload CSR file.
Select .certSigningRequest file saved on your Mac.

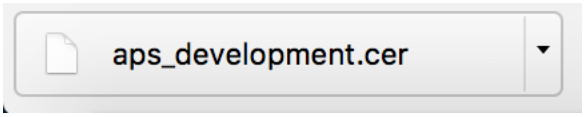


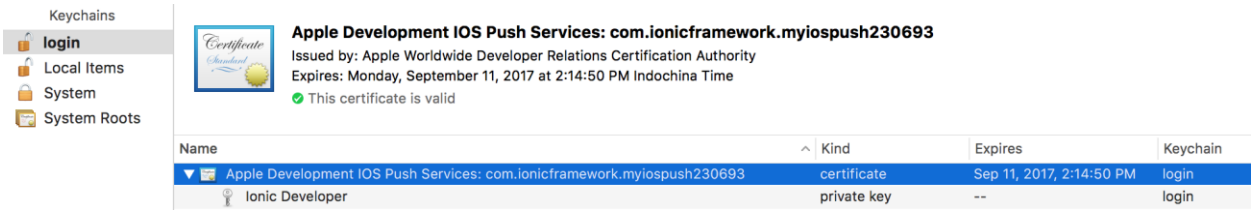


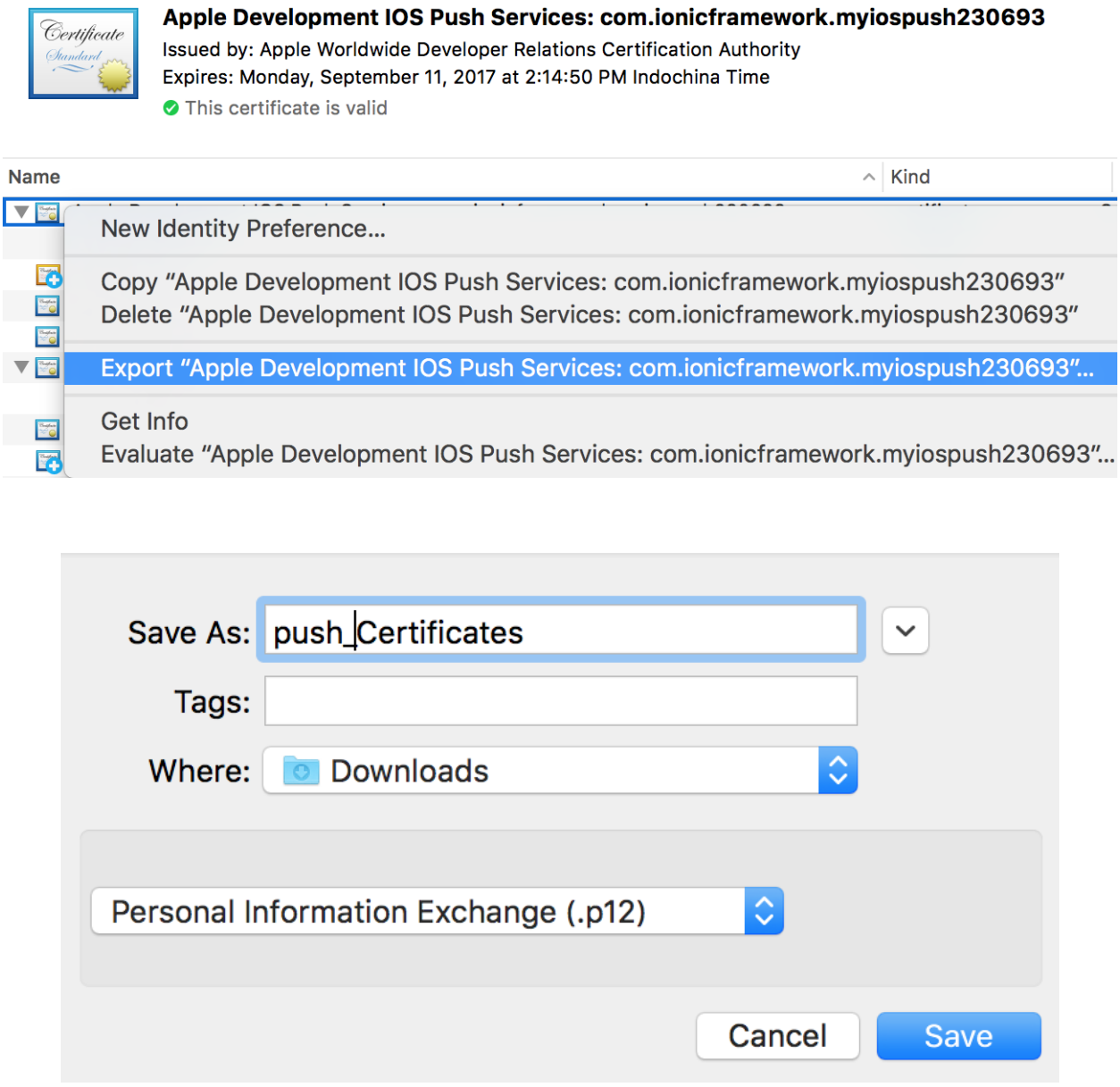
Your certificate is ready.

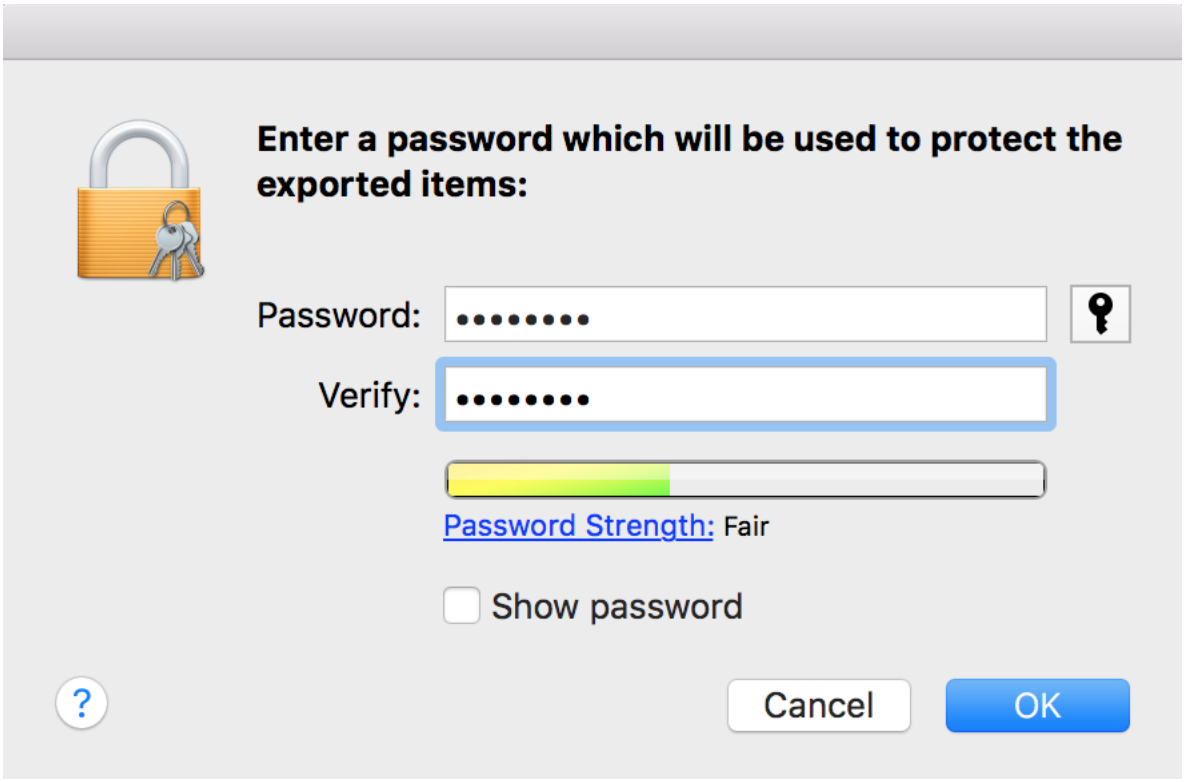
Download, Install and Backup

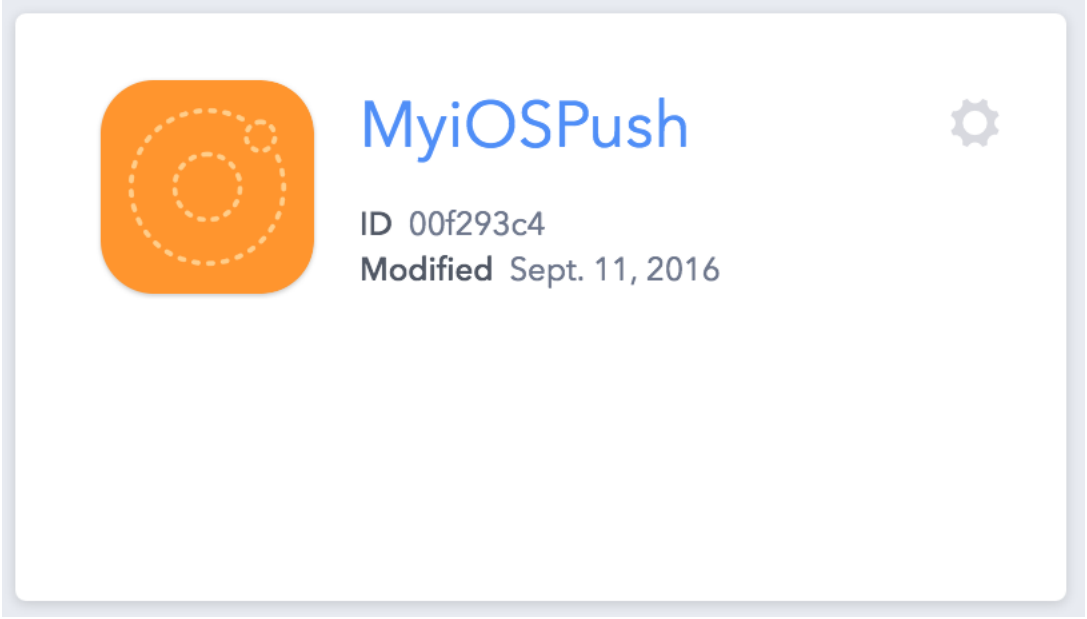
Download your certificate to your Mac, then double click the .cer file to install in Keychain Access. Make sure to save a backup copy of your private and public keys somewhere secure.

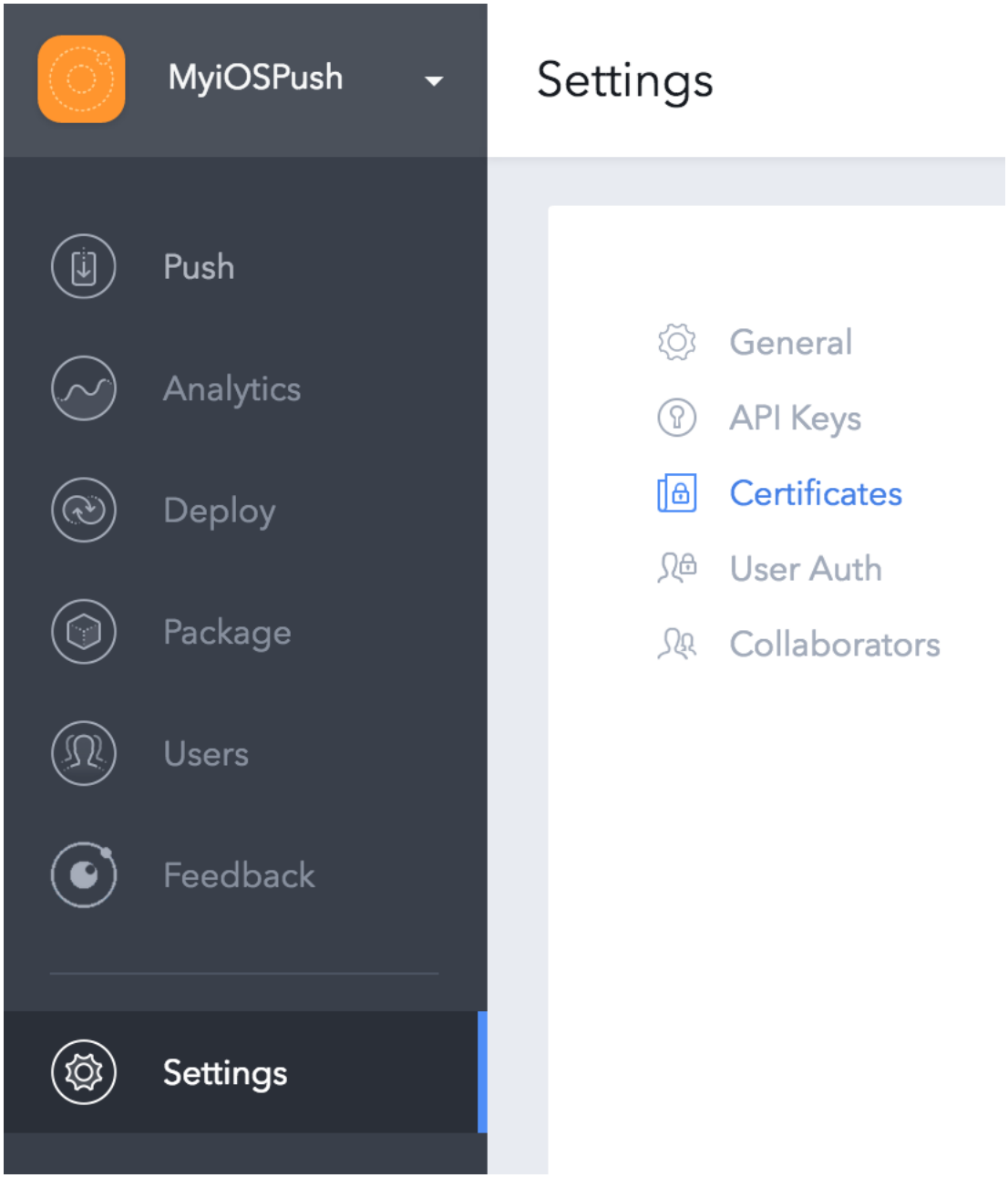





Apple Development IOS Push Services: com.ionicframework.myiospush230693
Issued by: Apple Worldwide Developer Relations Certification Authority
Expires: Monday, September 11, 2017 at 2:14:50 PM Indochina Time
This certificate is valid
Name
Kind
New Identity Preference...
Copy "Apple Development IOS Push Services: com.ionicframework.myiospush230693"
Delete "Apple Development IOS Push Services: com.ionicframework.myiospush230693"
Export "Apple Development IOS Push Services: com.ionicframework.myiospush230693"...
Get Info
Evaluate "Apple Development IOS Push Services: com.ionicframework.myiospush230693"...
Save As: push_Certificates
Tags:
Where: Downloads
Personal Information Exchange (.p12)
Cancel
Save


Enter a password which will be used to protect the exported items:
Password:
Verify:
Password Strength: Fair
Show password
Cancel
OK


MyiOSPush
ID 00f293c4
Modified Sept. 11, 2016

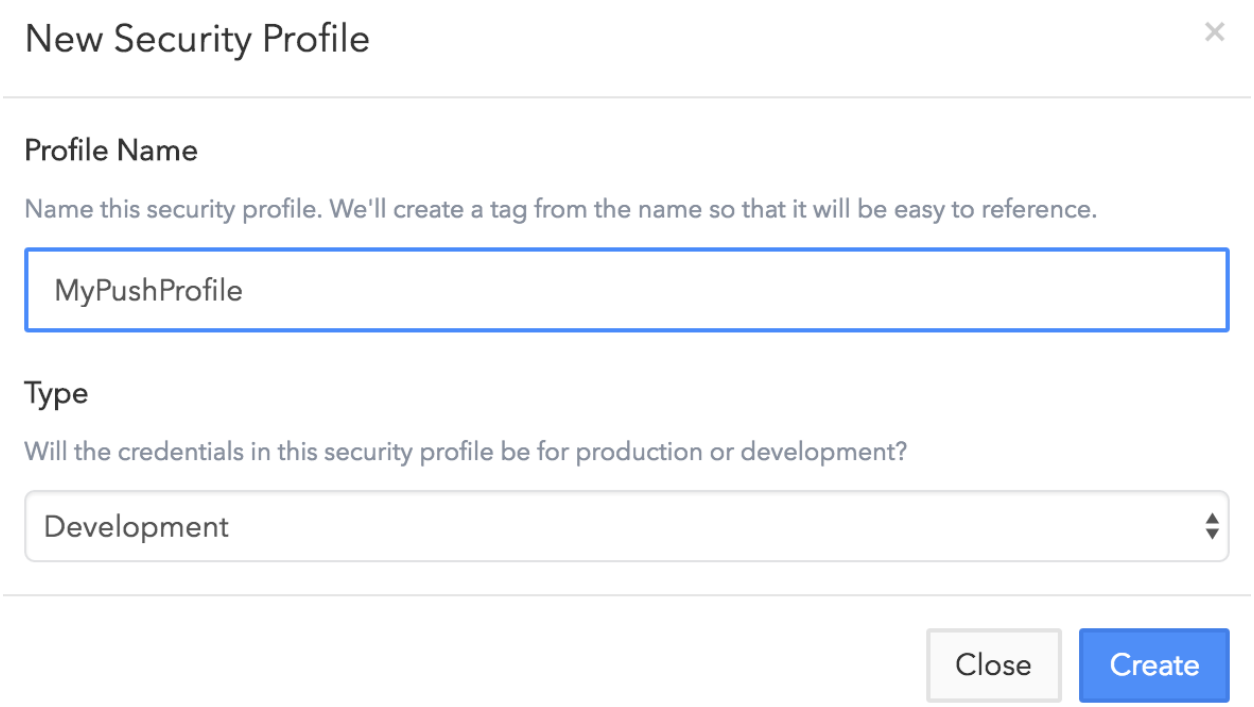


Security Profiles & Credentials

Security Profiles group your app credentials into a single entity which is used in the Ionic Platform by various services. Learn more about Security Profiles in our docs.

NAME	TAG

New Security Profile



NAME	TAG		
MyPushProfile	mypushprofile	EDIT	DELETE

IOS ANDROID

Push Notification Service

Send Push Notifications to iOS devices with Ionic Push. More info.

APN Certificate

Choose File No file chosen

APN Certificate Password

Build Credentials

Build and sign iOS apps with Ionic Package. More info.

App Development/App Store Certificate

Choose File Certificates.p12

Certificate Password

•••••••

Provisioning Profile

Choose File MyiOSPush_Pro…ileprovision

MyPushProfile (development)

IOS ANDROID

Push Notification Service

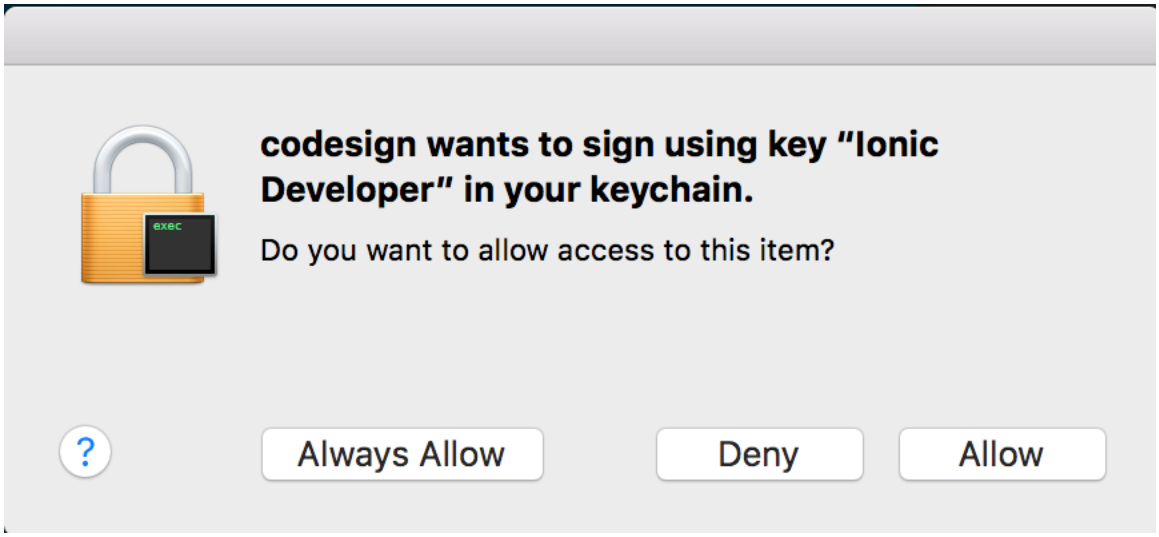
Send Push Notifications to iOS devices with Ionic Push. More info.

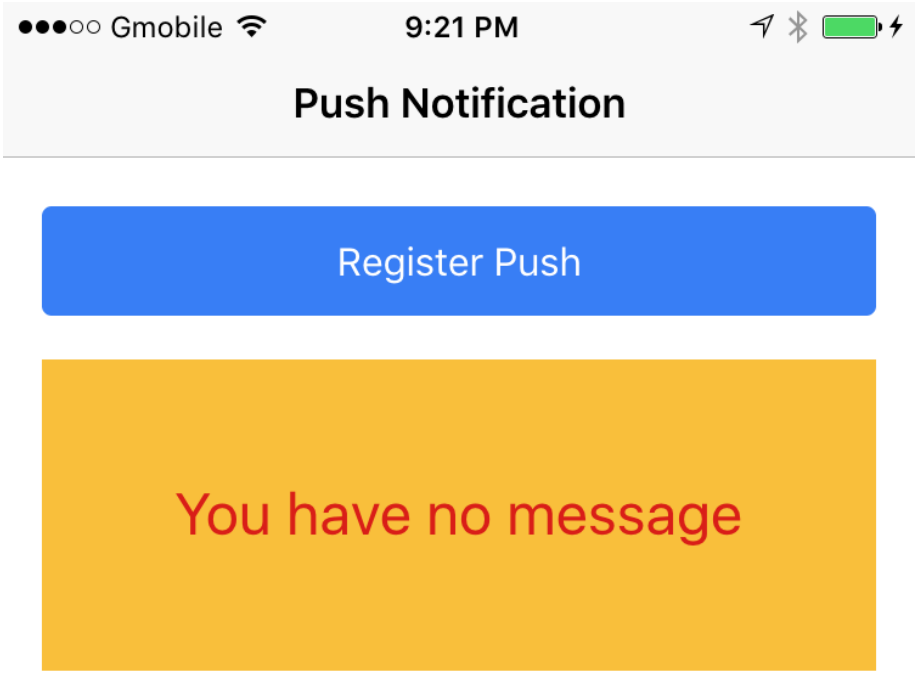
APN Certificate

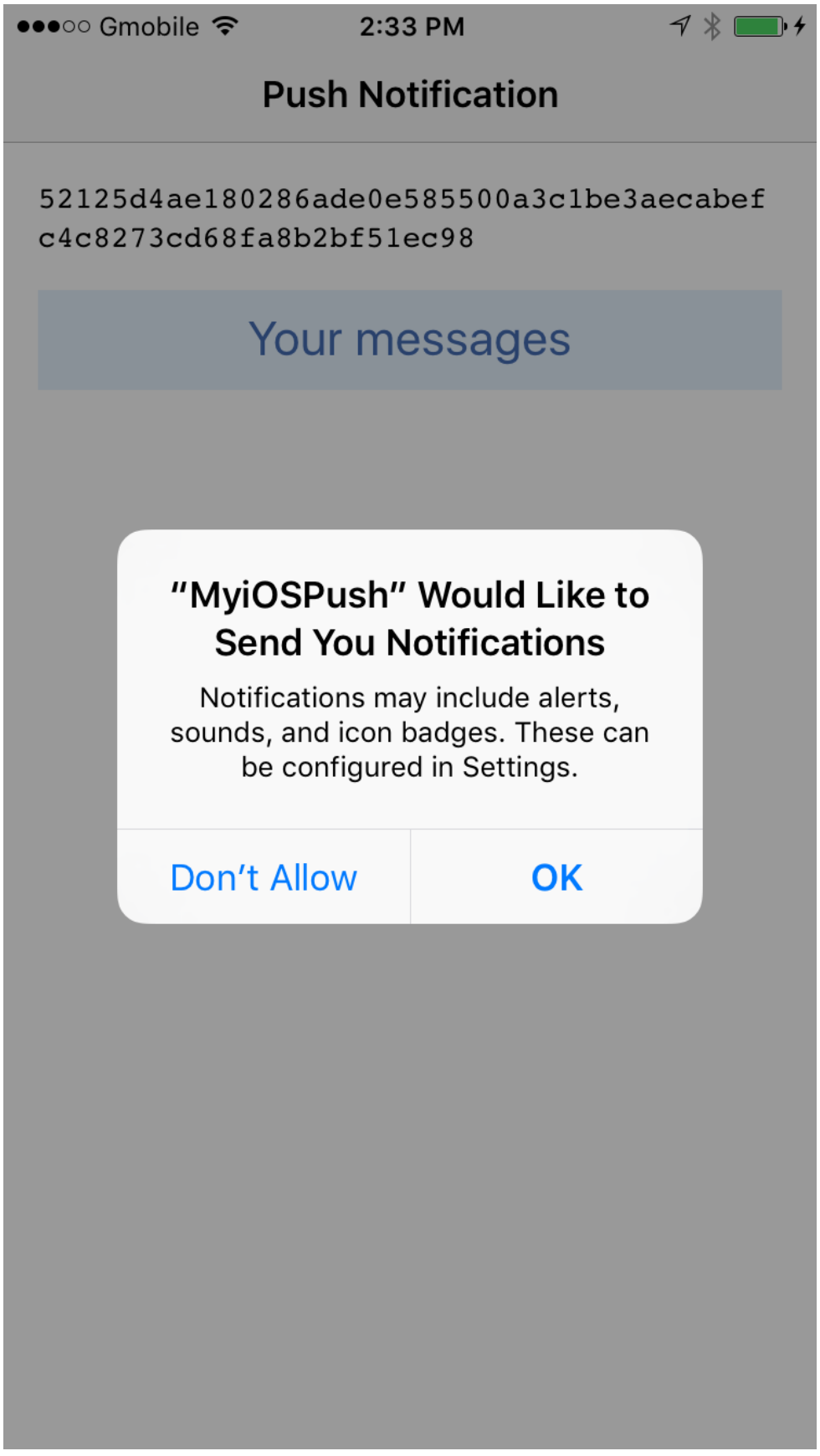
Choose File push_Certificates.p12

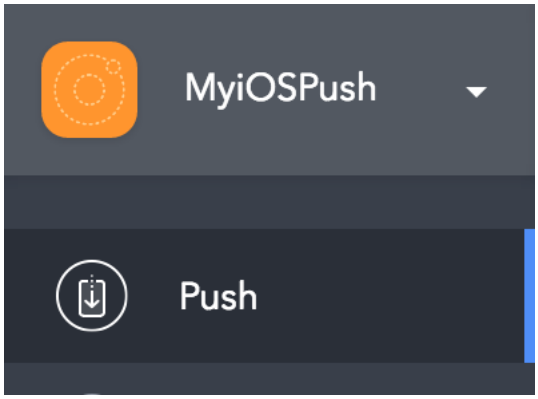
APN Certificate Password

••••••••




●●●○○ Gmobile
9:21 PM
Push Notification
Register Push
You have no message


●●●○○ Gmobile
2:33 PM
Push Notification
52125d4ae180286ade0e585500a3c1be3aecabef
c4c8273cd68fa8b2bf51ec98
Your messages
"MyiOSPush" Would Like to Send You Notifications
Notifications may include alerts, sounds, and icon badges. These can be configured in Settings.
Don't Allow
OK



Welcome

Create your first Push Notification to send to your users.
We'll walk you through composing your message, targeting your users, and scheduling it for delivery.

CREATE YOUR FIRST PUSH

Create your Push Notification

Create a unique Push Notification to send to some or all your users.

Name this campaign

Name your campaign to track it in reports and the dashboard.

Test 1

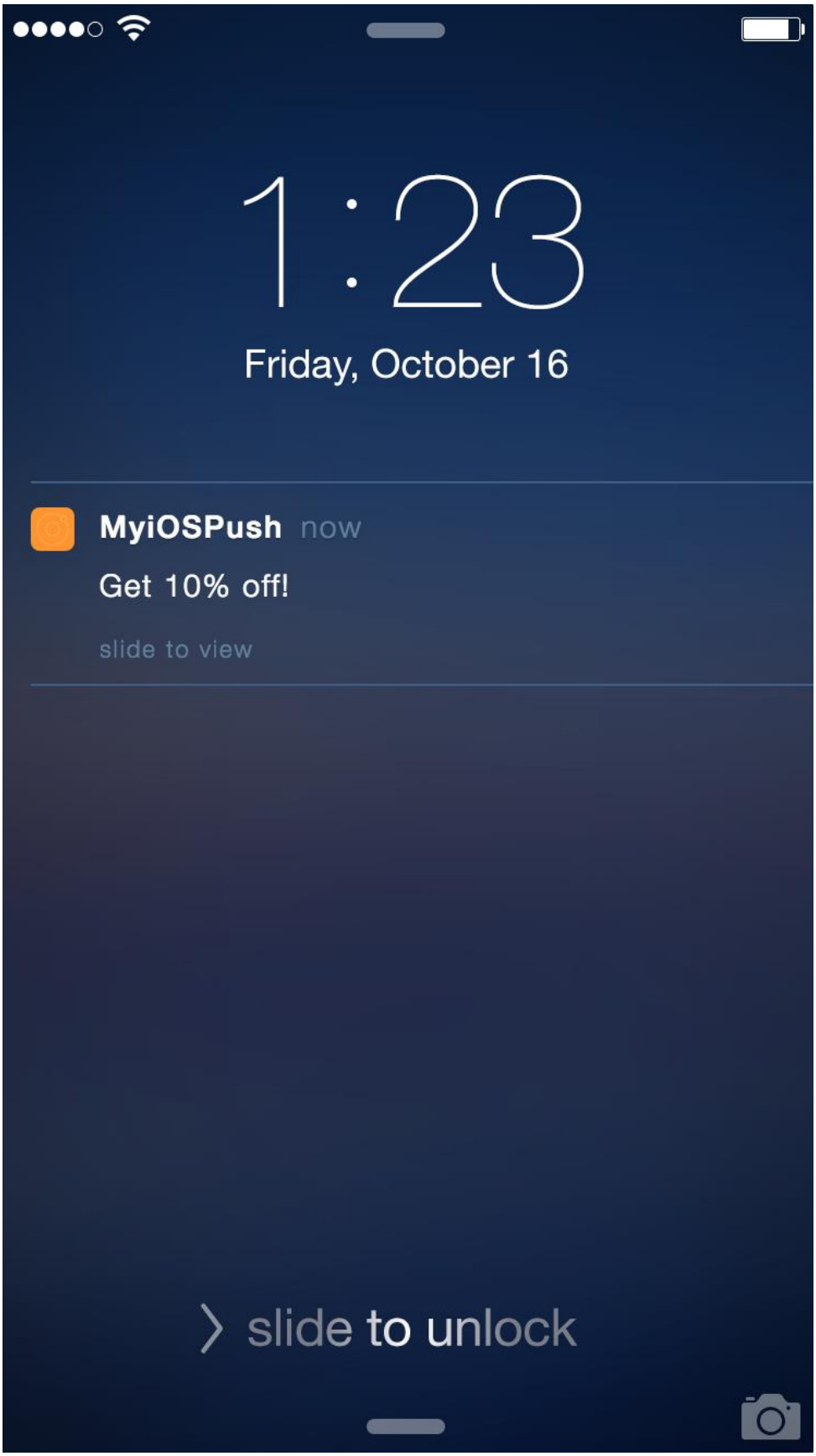
Compose your Notification

Test Push 1

Get 10% off!

Use template tags to fill in user info.

12/235


1:23
Friday, October 16
MyiOSPush now
Get 10% off!
slide to view
slide to unlock

Who should get this push?

Target a segment of your users, or send to all of them at once

All users | Specific users

Schedule Push

Schedule your push to send now, at a later date, or based on a trigger.

Which security profile should be used to send this push?

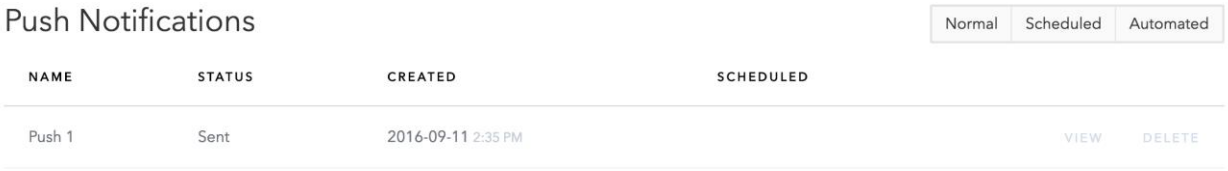
mypushprofile

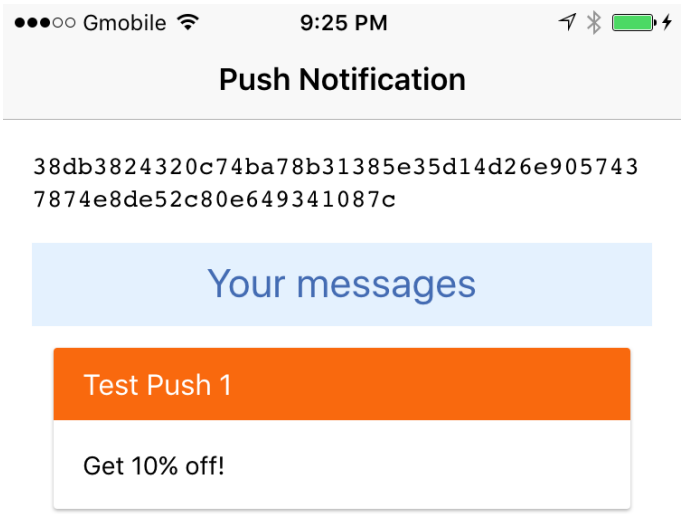
When would you like to send this push?

- (•) Send it now
- ( ) Schedule it for later

Send this Push

Or save this push as a draft.

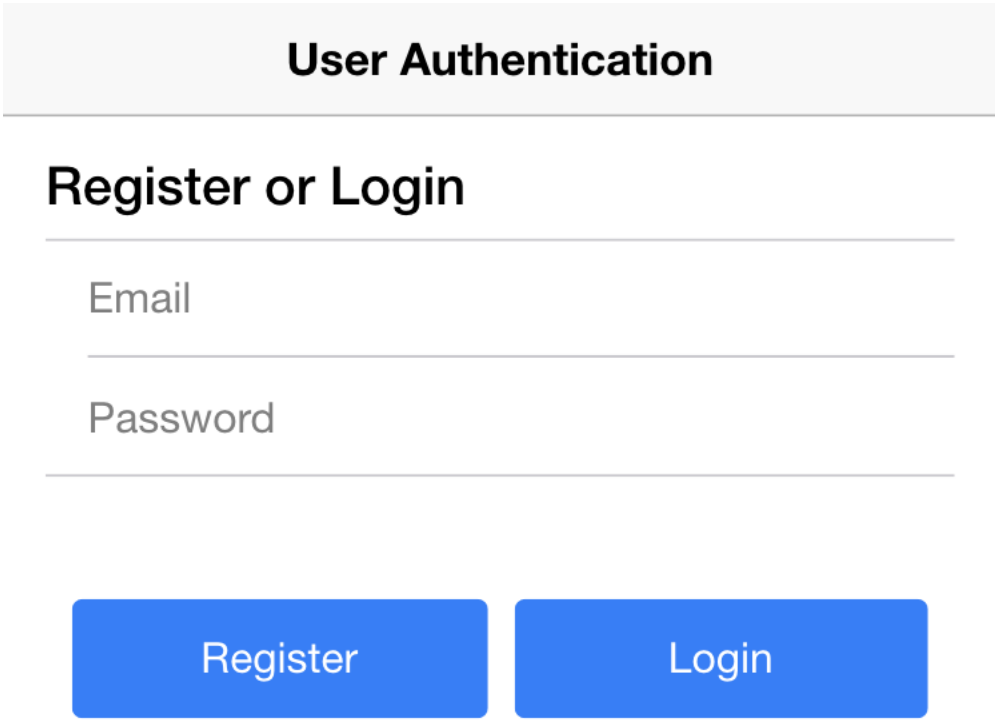




Ionic Push: saved push token: 38db3824320c74ba78b31385e35d14d26e9057437874e8de52c80e649341087c

Token saved: – "38db3824320c74ba78b31385e35d14d26e9057437874e8de52c80e649341087c"

Push notification message received
PushMessage
app: {asleep: false, closed: false}
count: undefined
image: undefined
payload: undefined
raw: {title: "Test Push 1", additionalData: {foreground: true, coldstart: false}, message: "Get 10% off!"}
sound: undefined
text: "Get 10% off!"
title: "Test Push 1"
PushMessage Prototype


User Authentication
Register or Login
Email
Password
Register
Login

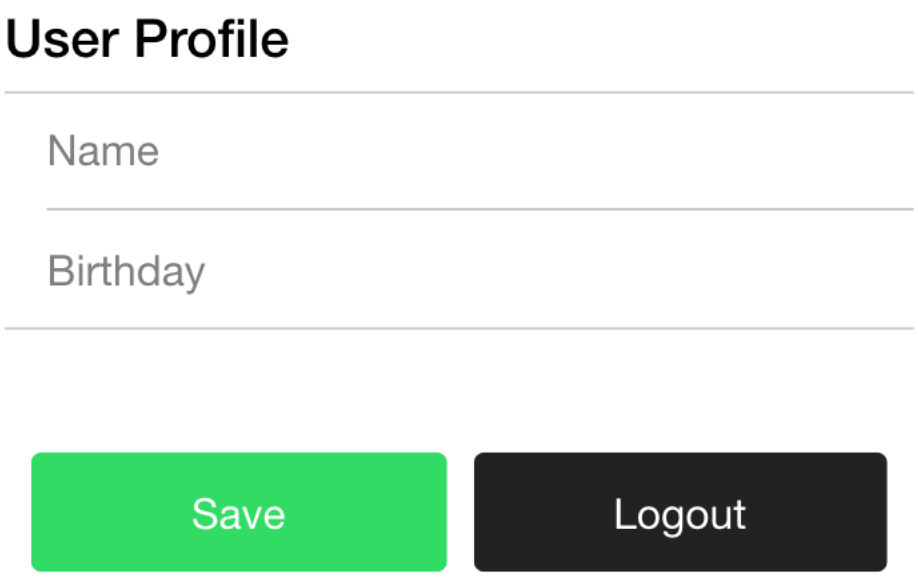
MySimpleAuth

ID 7588ce26

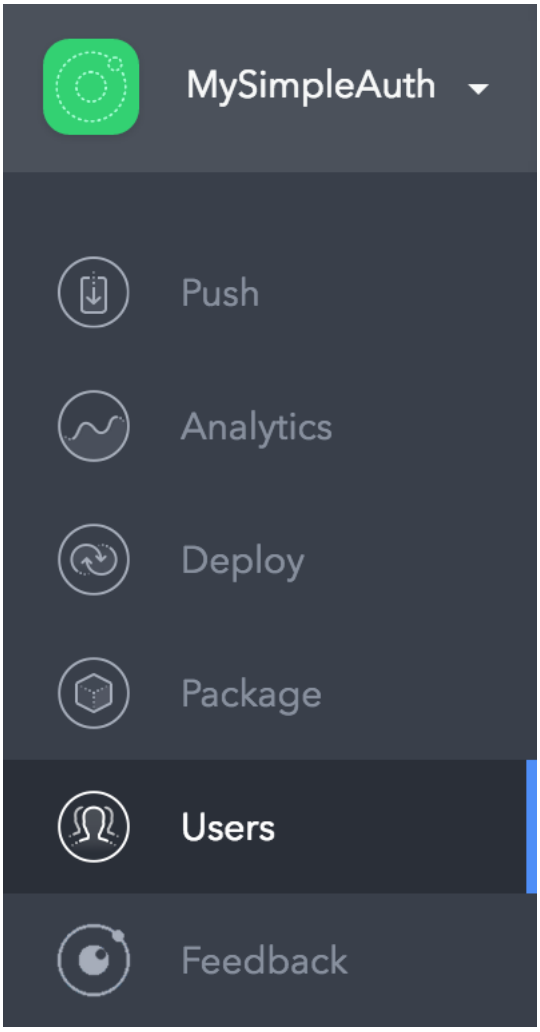
Modified Sept. 15, 2016

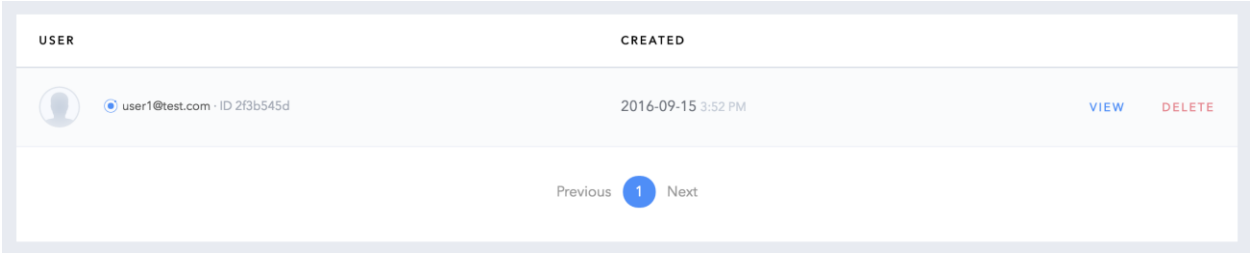
Register or Login

Email	user1@test.com
Password	••••••••




```
home.ts:66
▼Object {token: "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJqdGkiOiIwN…TEifQ.7HqhtNd-8rE3WWUD1lfRgXiTyTW2i6MXMt8G77JMAJ8"}
   token: "eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJqdGkiOiIwNjUwMTliYS02ZjFhLTRlNDctOGU3Mi1hMTFiZDFlZWRkZTEifQ.7HqhtNd-8rE3WWUD1lfRgX
  ▶__proto__: Object
home.ts:67
▼User {details: Object, social: Object, service: SingleUserService, fresh: false, _unset: Object…}
  ▶_unset: Object
  ▼data: UserData
    ▼data: Object
       birthday: "2012-01-01"
       name: "Test User 1"
      ▶__proto__: Object
    ▶__proto__: Object
  ▶details: Object
   fresh: false
   id: "2f3b545d-1b3f-4738-92ff-23acfc3f9149"
  ▶service: SingleUserService
  ▶social: Object
  ▶__proto__: Object
```


MySimpleAuth
Push
Analytics
Deploy
Package
Users
Feedback

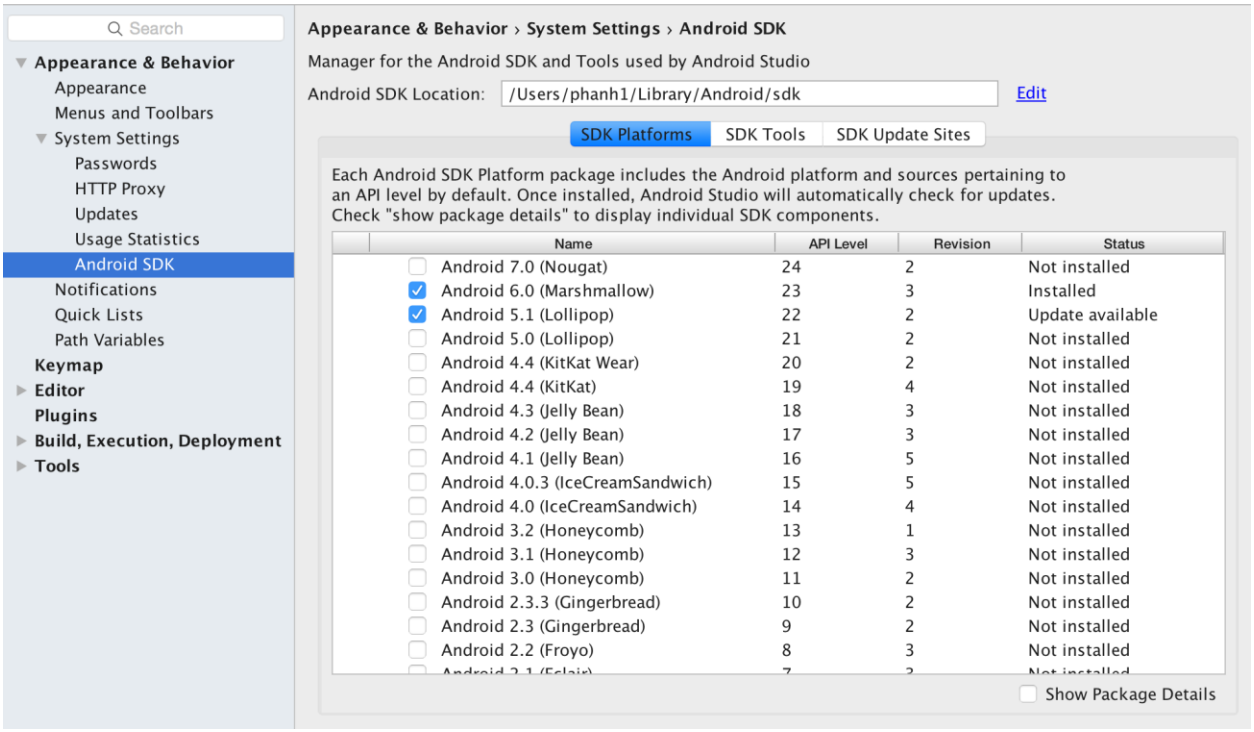

USER
CREATED
user1@test.com · ID 2f3b545d
2016-09-15 3:52 PM
VIEW
DELETE
Previous
1
Next

Unnamed

ID 2f3b545d-1b3f-4738-92ff-23acfc3f9149

DETAILS PUSH CUSTOM DATA

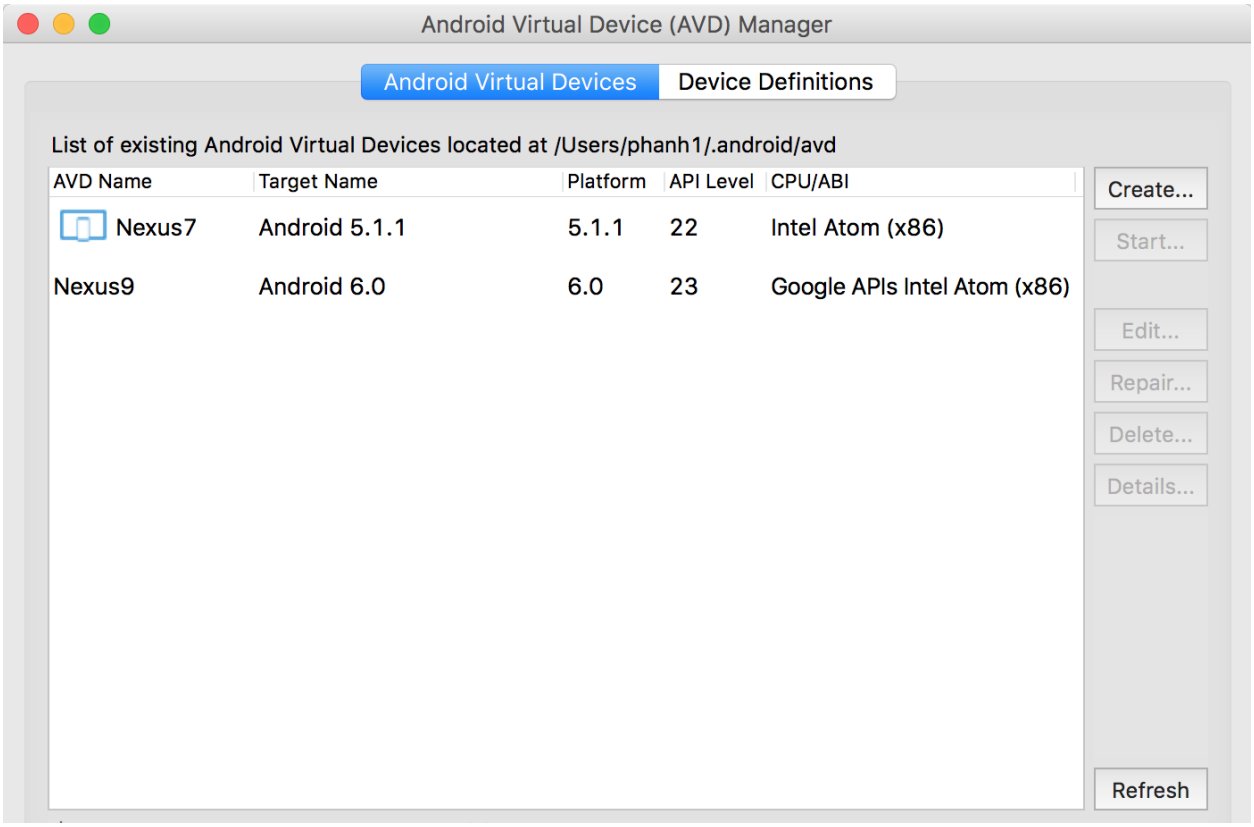

```
{
    "name": "Test User 1",
    "birthday": "2012-01-01"
}
```

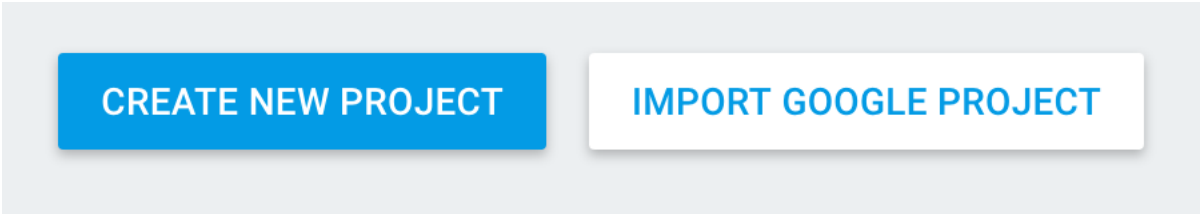



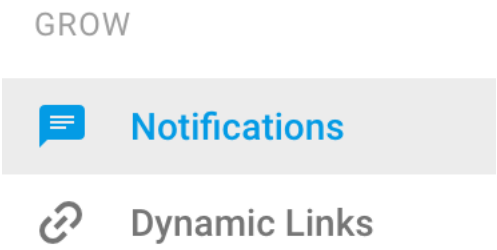
SDK Platforms | SDK Tools | SDK Update Sites

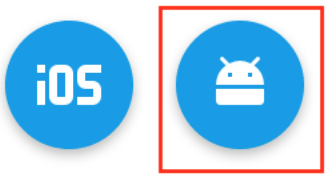
Below are the available SDK developer tools. Once installed, Android Studio will automatically check for updates. Check "show package details" to display available versions of an SDK Tool.

Name	Version	Status
Android SDK Build Tools		Installed
Android Auto API Simulators	1.0.0	Installed
Android Auto Desktop Head Unit emulator	1.1	Not installed
Android SDK Platform-Tools 24.0.3	24.0.3	Installed
Android SDK Tools 25.2.2	25.2.2	Installed
Android Support Repository, rev 17	17.0.0	Update Available: 3...
CMake 3.6.3155560	3.6.3155560	Not installed
ConstraintLayout for Android 1.0.0-alpha5	1	Not installed
ConstraintLayout for Android 1.0.0-alpha6	1	Not installed
ConstraintLayout for Android 1.0.0-alpha7	1	Not installed
ConstraintLayout for Android 1.0.0-alpha8	1	Not installed
Documentation for Android SDK	1	Not installed
GPU Debugging tools	1.0.3	Not installed
Google Play APK Expansion Library, rev 3	3.0.0	Installed
Google Play APK Expansion library	1	Not installed
Google Play Billing Library, rev 5	5.0.0	Installed
Google Play Licensing Library	1	Not installed
Google Play Licensing Library, rev 2	2.0.0	Installed
Google Play services, rev 26	26.0.0	Update Available: 32
Google Repository	32	Installed
Google Web Driver, rev 2	2.0.0	Installed
Intel x86 Emulator Accelerator (HAXM installer), rev 6.0.3	6.0.3	Installed
LLDB 2.0	2.0.2558144	Not installed
LLDB 2.1	2.1.2852477	Not installed


Android Virtual Device (AVD) Manager
Android Virtual Devices
Device Definitions
List of existing Android Virtual Devices located at /Users/phanh1/.android/avd
AVD Name
Target Name
Platform
API Level
CPU/ABI
Nexus7
Android 5.1.1
5.1.1
22
Intel Atom (x86)
Nexus9
Android 6.0
6.0
23
Google APIs Intel Atom (x86)
Create...
Start...
Edit...
Repair...
Delete...
Details...
Refresh


CREATE NEW PROJECT
IMPORT GOOGLE PROJECT


GROW
Notifications
Dynamic Links



Add an app to get started

Package name

com.ionicframework.myandroidpush322579

Debug signing certificate SHA-1 (optional)

00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00:00

Required for Dynamic Links, Invites, and Google Sign-In support in Auth. Edit SHA-1s in Settings.

CANCEL ADD APP

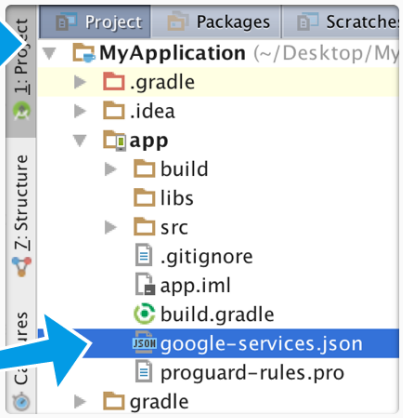
downloads google-services.json for your app

1 — 2 — 3

Enter app details | **Copy config file** | Add to build.gradle

Switch to the **Project** view in Android Studio to see your project root directory.

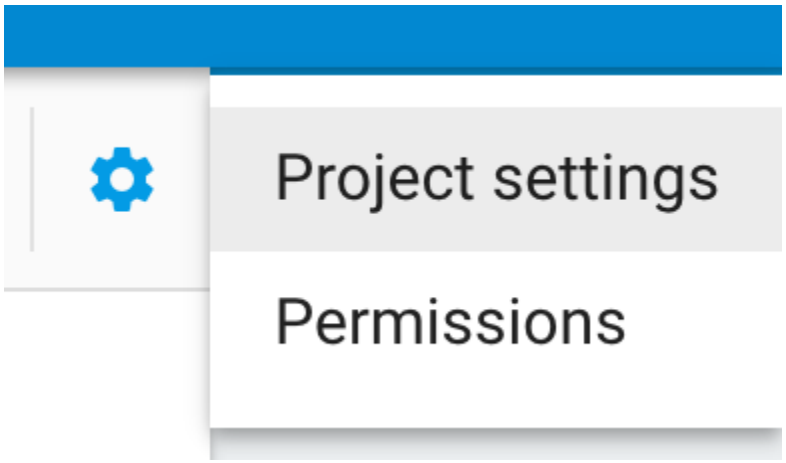
Move the **google-services.json** file you just downloaded into your Android app module root directory.

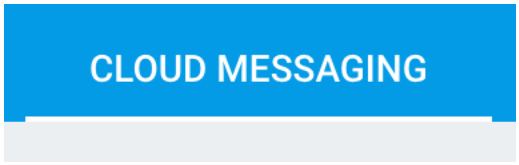


Already added the dependencies?
Skip to the console

CONTINUE

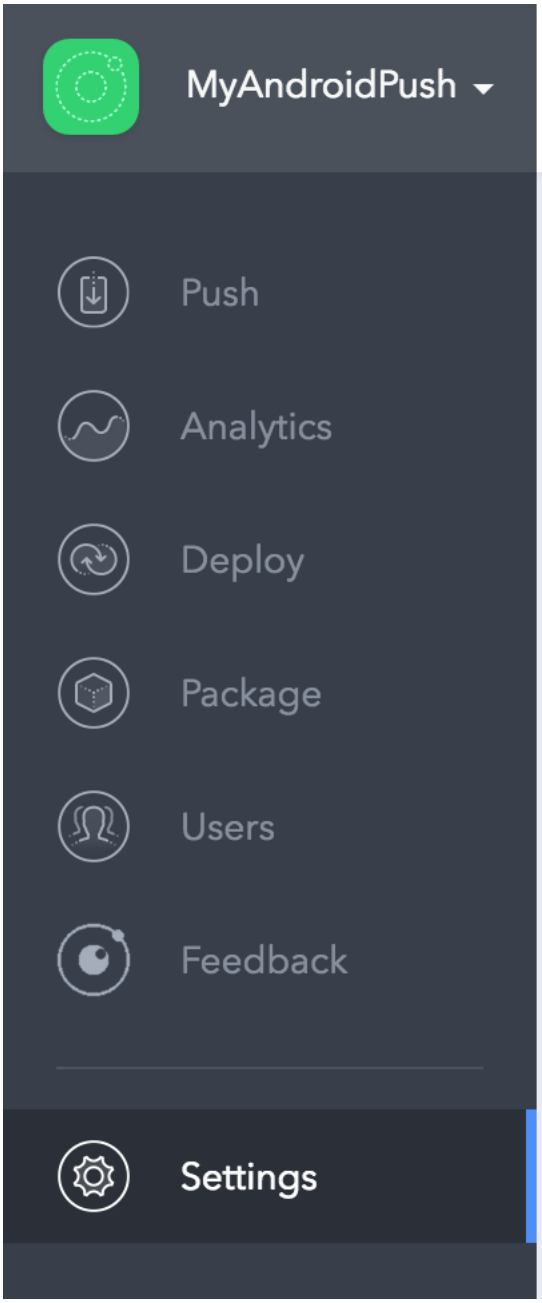
FINISH

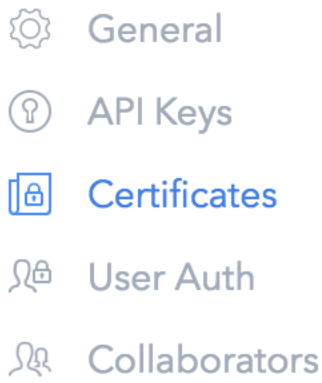




Project keys

Server key	Sender ID
AIzaSyBuUK2mx4LYF8mMe6G6AUd6QLbp4Pt138A	749277510481


MyAndroidPush
Push
Analytics
Deploy
Package
Users
Feedback
Settings



New Security Profile

Profile Name

Name this security profile. We'll create a tag from the name so that it will be easy to reference.

MyAndroidPush

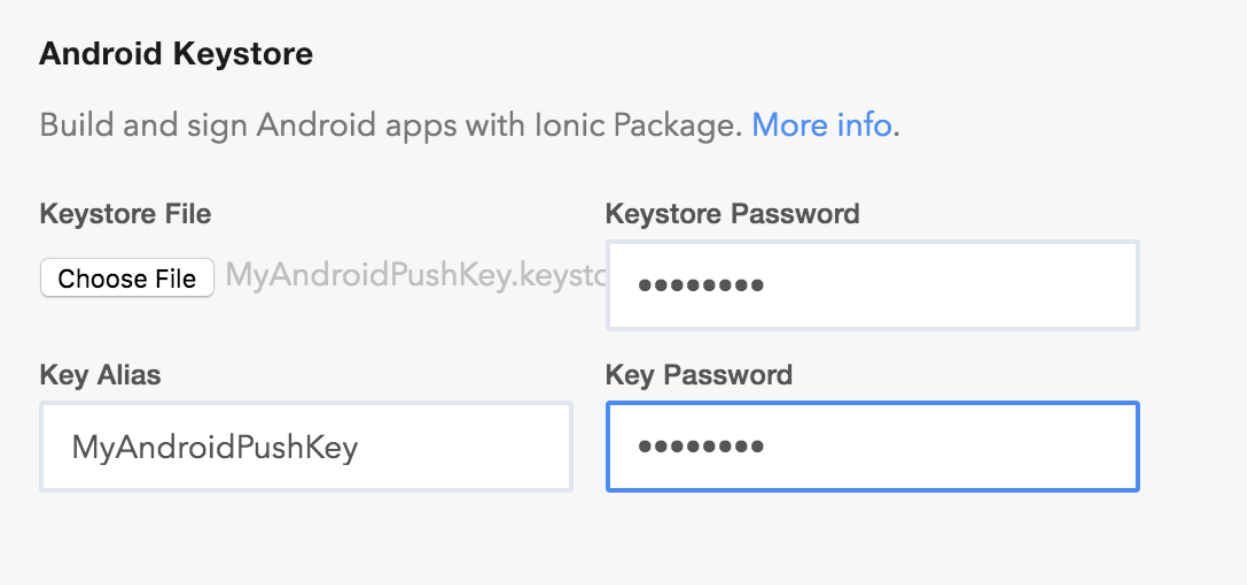
Type

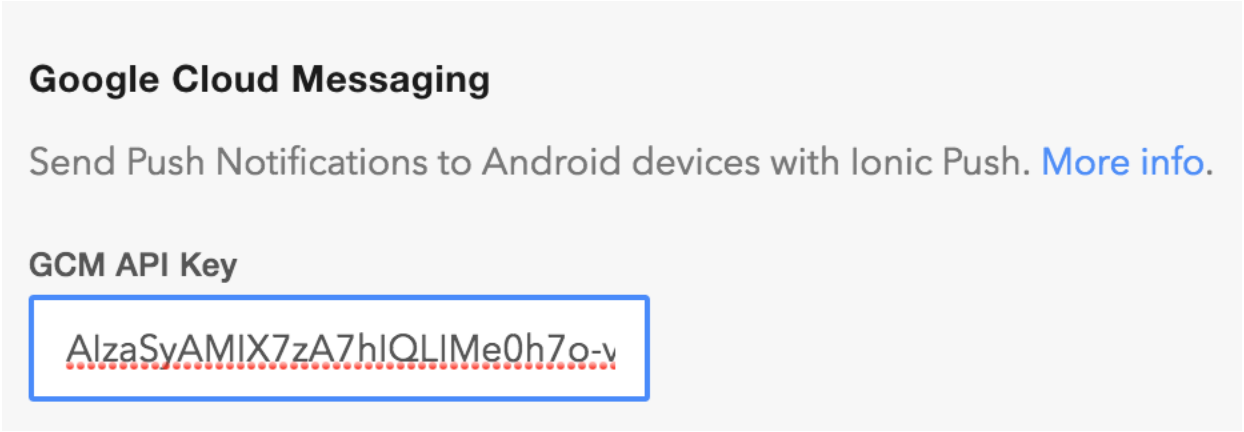
Will the credentials in this security profile be for production or development?

Development

Close Create

NAME	TAG		
MyAndroidPush	myandroidpush	EDIT	DELETE


Android Keystore
Build and sign Android apps with Ionic Package. More info.
Keystore File
Choose File
MyAndroidPushKey.keysto
Keystore Password
Key Alias
MyAndroidPushKey
Key Password


Google Cloud Messaging
Send Push Notifications to Android devices with Ionic Push. More info.
GCM API Key
AIzaSyAMIX7zA7hIQLIMe0h7o-v

Create your Push Notification

Create a unique Push Notification to send to some or all your users.

Name this campaign

Name your campaign to track it in reports and the dashboard.

Test Name 3

Compose your Notification

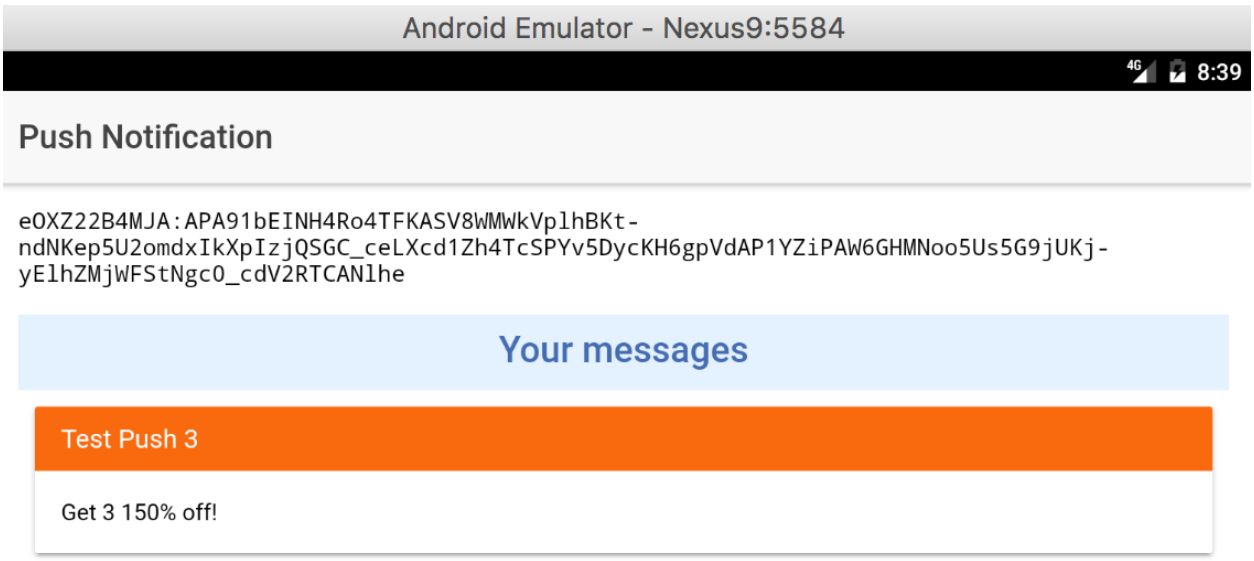
Test Push 3

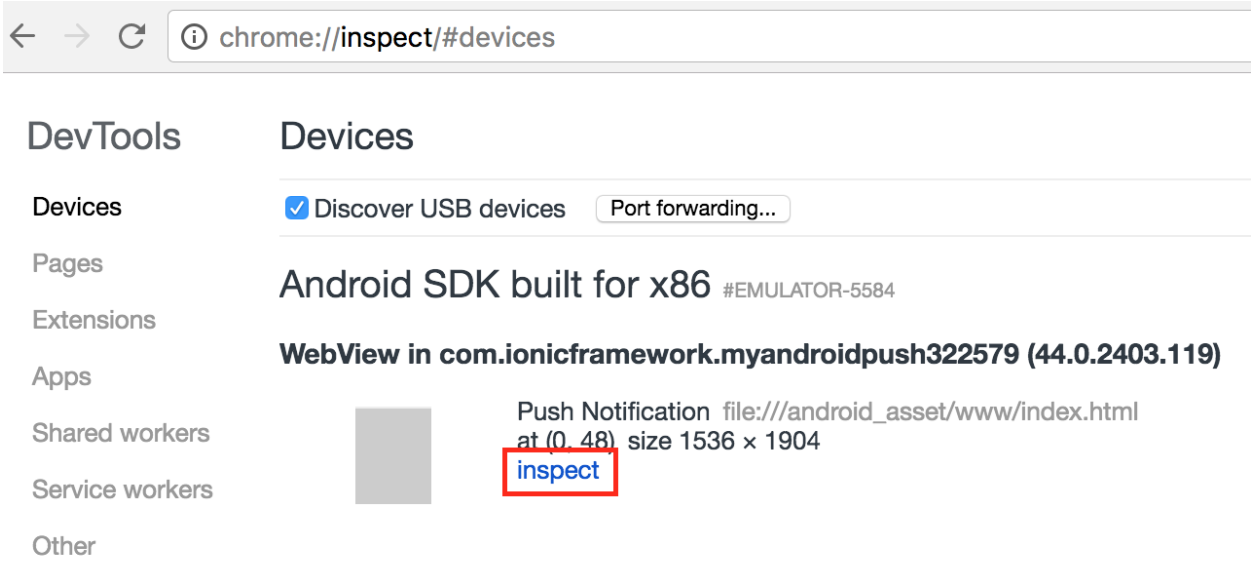
Get 3 150% off!

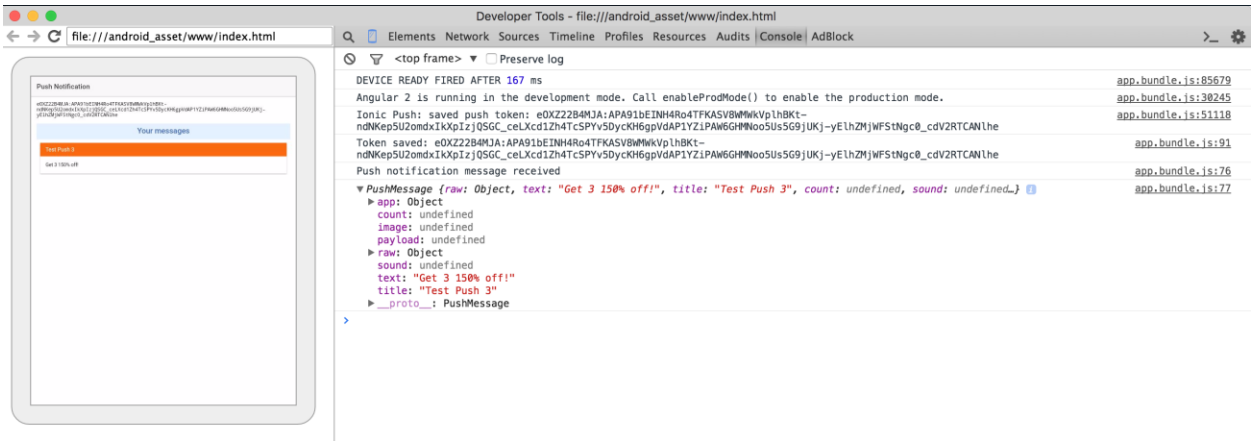
Use template tags to fill in user info.

15/235

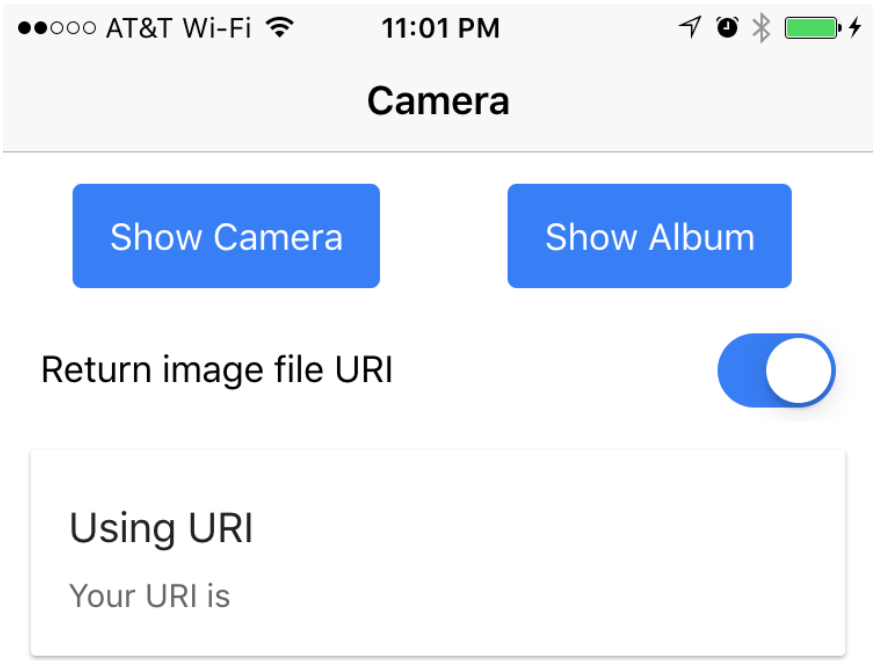
NAME	STATUS	CREATED
Test Name 3	Sent	2016-09-17 8:09 PM


Android Emulator - Nexus9:5584
8:39
Push Notification
eOXZ22B4MJA:APA91bEINH4Ro4TFKASV8WMWkVplhBKt-ndNKep5U2omdxIkXpIzjQSGC_ceLXcd1Zh4TcSPYv5DycKH6gpVdAP1YZiPAW6GHMNoo5Us5G9jUKj-yElhZMjWFStNgc0_cdV2RTCANlhe
Your messages
Test Push 3
Get 3 150% off!


chrome://inspect/#devices
DevTools
Devices
Pages
Extensions
Apps
Shared workers
Service workers
Other
Devices
Discover USB devices
Port forwarding...
Android SDK built for x86 #EMULATOR-5584
WebView in com.ionicframework.myandroidpush322579 (44.0.2403.119)
Push Notification file:///android_asset/www/index.html
at (0, 48) size 1536 × 1904
inspect


Developer Tools - file:///android_asset/www/index.html
file:///android_asset/www/index.html
Elements Network Sources Timeline Profiles Resources Audits Console AdBlock
<top frame> Preserve log
Push Notification
Your messages
Test Push 3
Get 3 150% off
DEVICE READY FIRED AFTER 167 ms app.bundle.js:85679
Angular 2 is running in the development mode. Call enableProdMode() to enable the production mode. app.bundle.js:30245
Ionic Push: saved push token: eOXZ22B4MJA:APA91bEINH4Ro4TFKASV8WMWkVplhBKt-ndNKep5U2omdxIkXpIzjQSGC_ceLXcd1Zh4TcSPYv5DycKH6gpVdAP1YZiPAW6GHMNoo5Us5G9jUKj-yElhZMjWFStNgc0_cdV2RTCANlhe app.bundle.js:51118
Token saved: eOXZ22B4MJA:APA91bEINH4Ro4TFKASV8WMWkVplhBKt-ndNKep5U2omdxIkXpIzjQSGC_ceLXcd1Zh4TcSPYv5DycKH6gpVdAP1YZiPAW6GHMNoo5Us5G9jUKj-yElhZMjWFStNgc0_cdV2RTCANlhe app.bundle.js:91
Push notification message received app.bundle.js:76
PushMessage {raw: Object, text: "Get 3 150% off!", title: "Test Push 3", count: undefined, sound: undefined…} app.bundle.js:77
app: Object
count: undefined
image: undefined
payload: undefined
raw: Object
sound: undefined
text: "Get 3 150% off!"
title: "Test Push 3"
__proto__: PushMessage

Chapter 7: Supporting Device Functionalities Using Ionic Native



●●○○○ AT&T Wi-Fi 11:03 PM

Camera

Show Camera Show Album

Return image file URI

Using URI

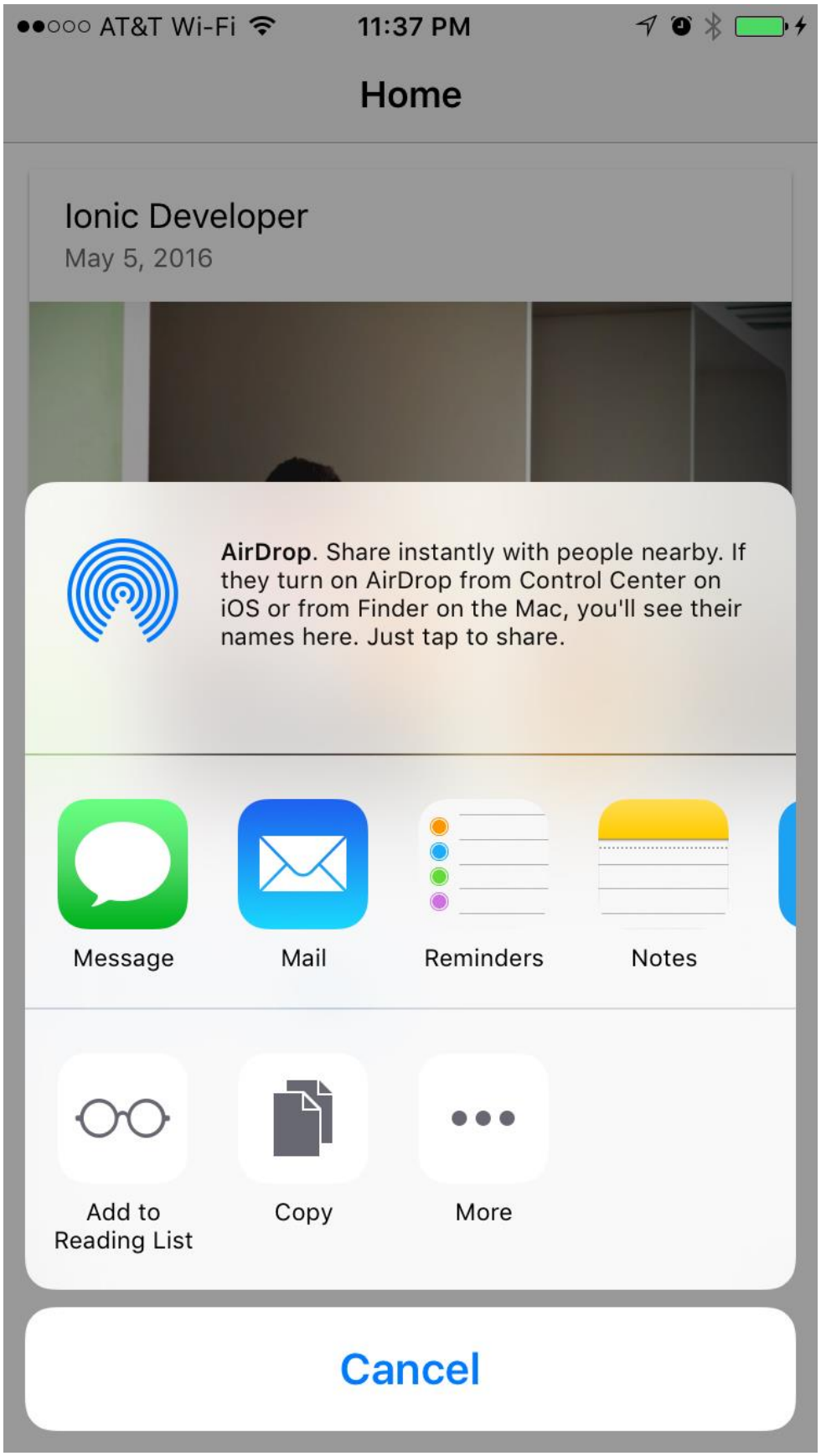
Your URI is
file:///var/mobile/Containers/Data/Application/AC
A901F6-59CF-4408-832E-
1AE6B6CFA832/tmp/cdv_photo_001.jpg

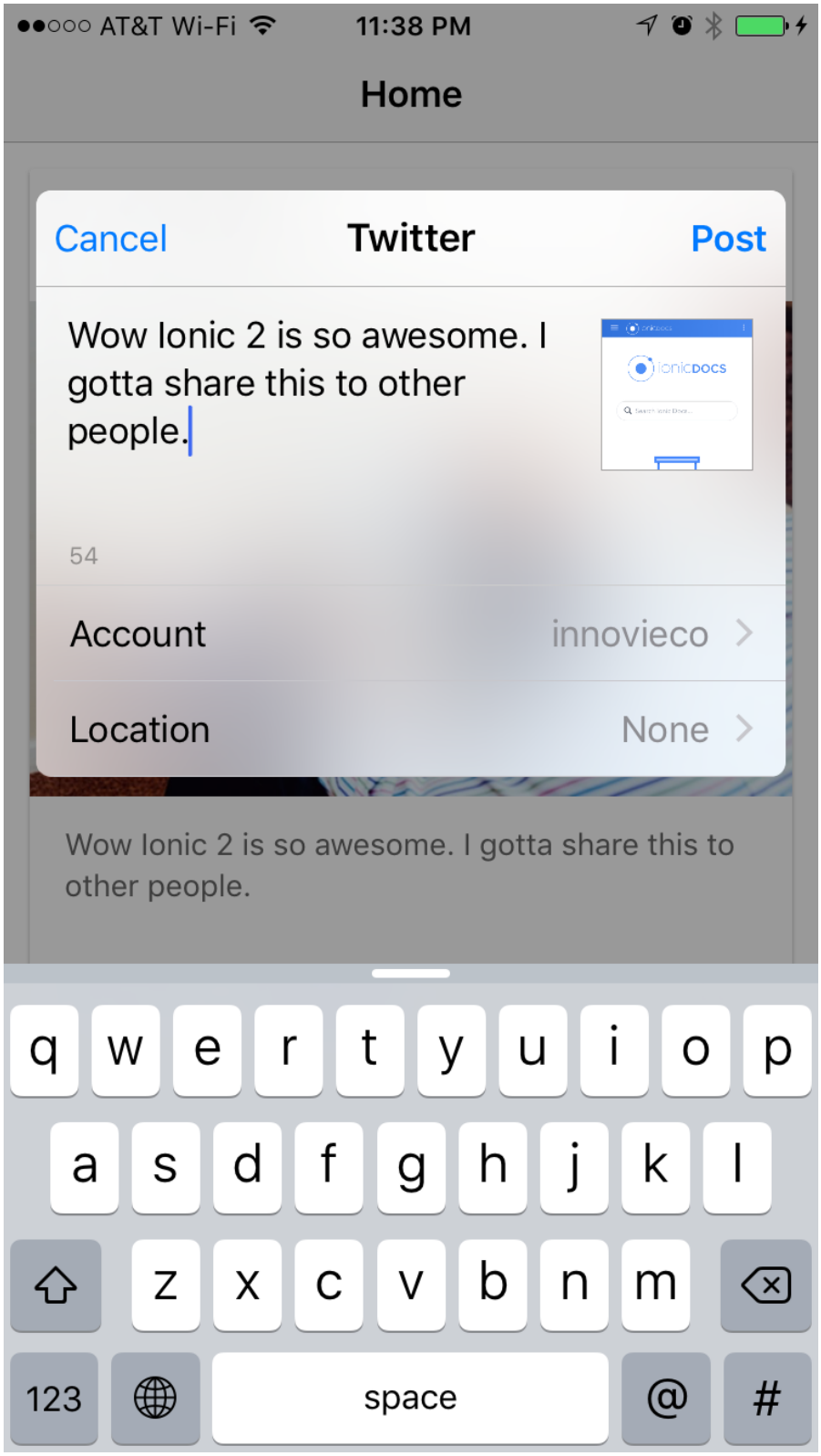
Home

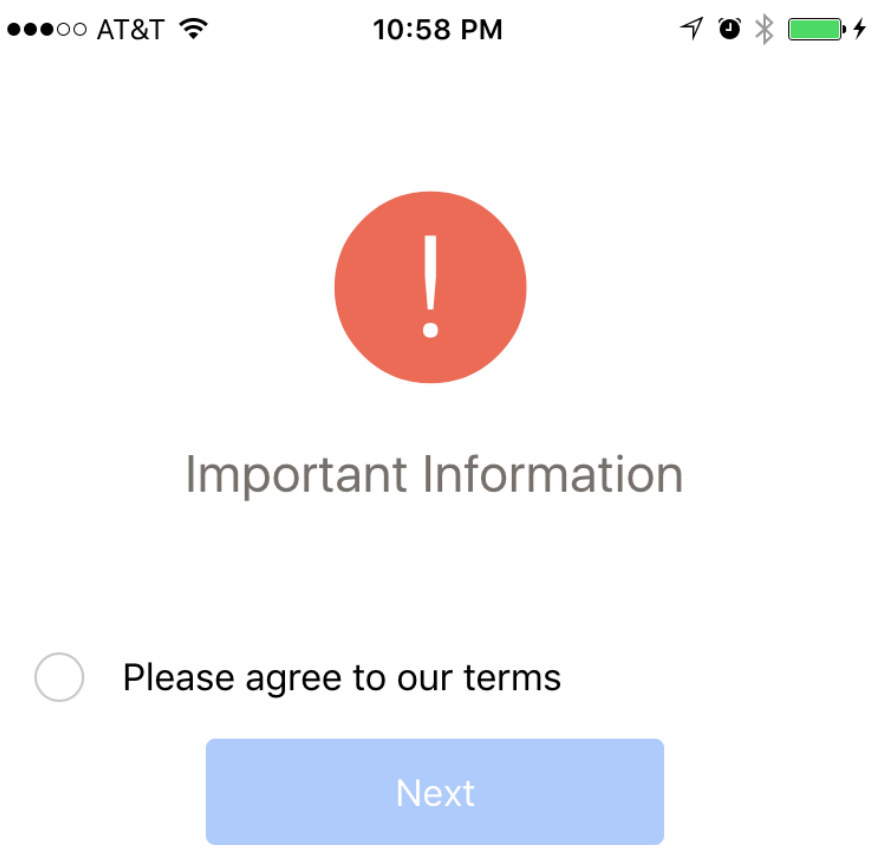
Ionic Developer
May 5, 2016

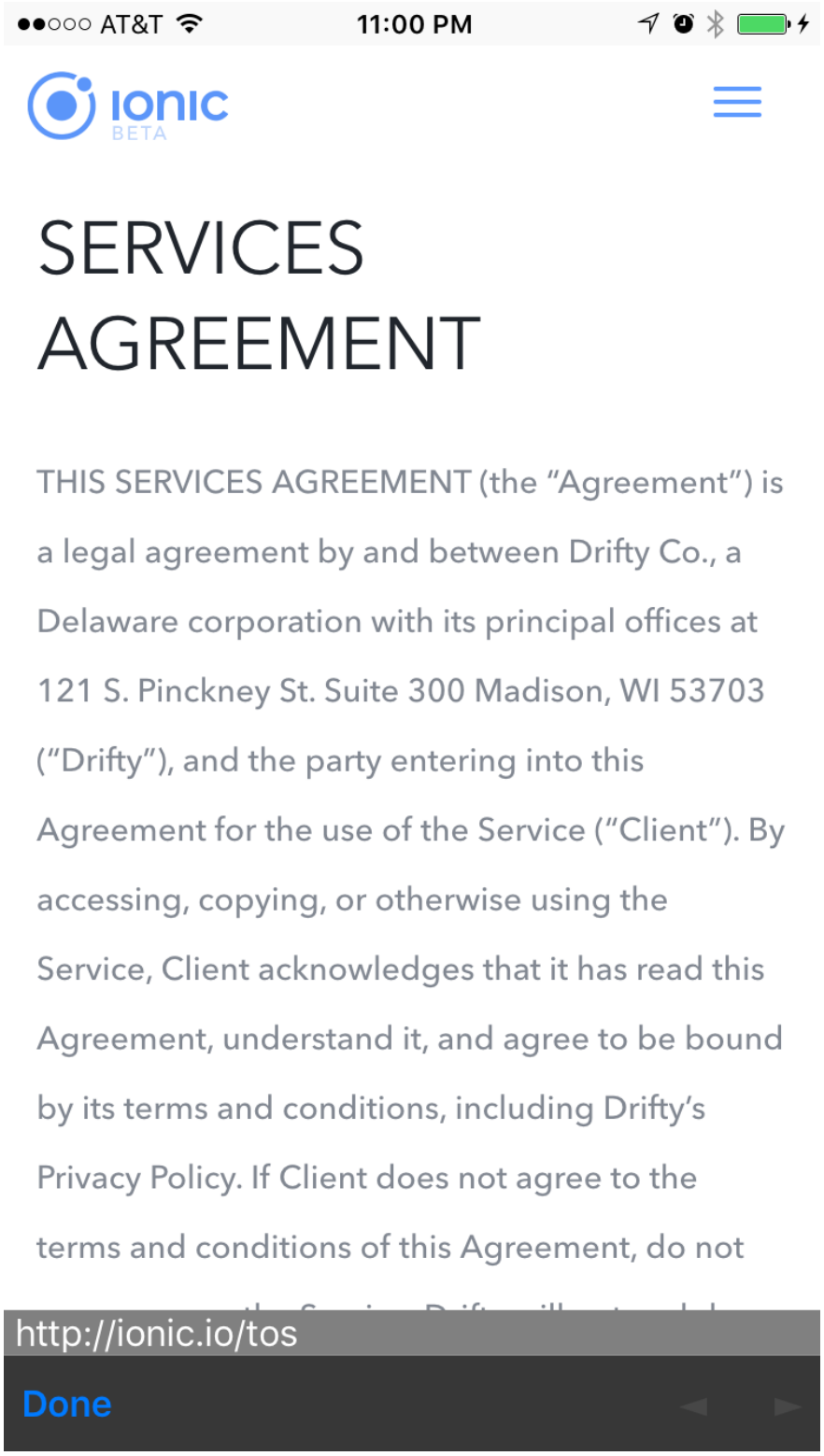
Wow Ionic 2 is so awesome. I gotta share this to other people.

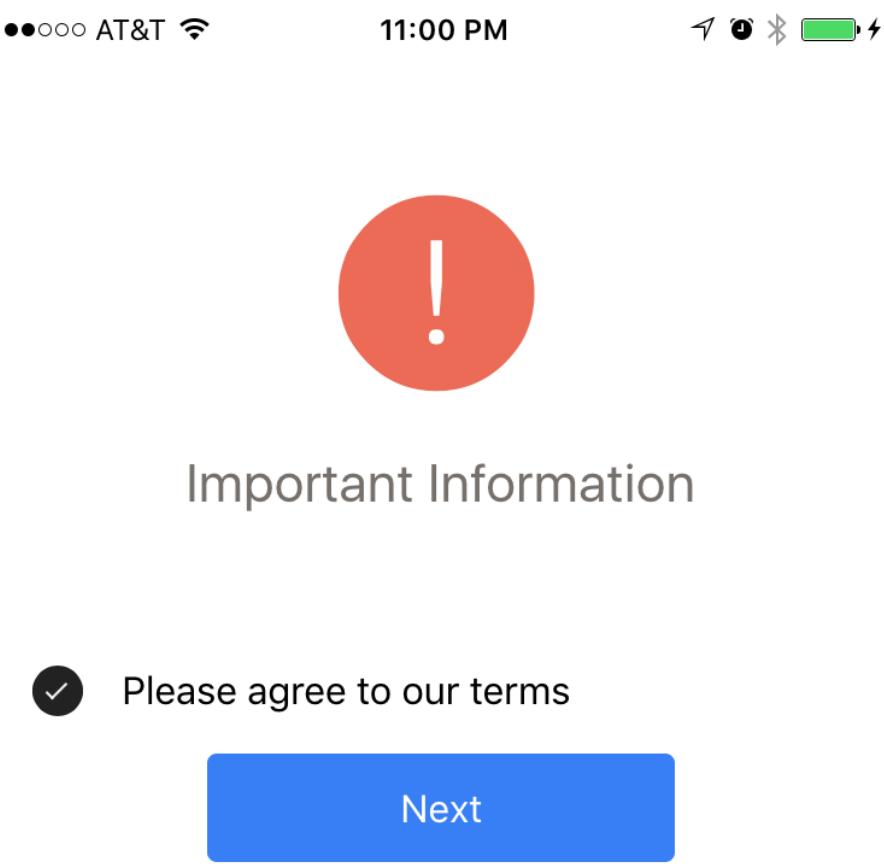
12 Likes Share 11h ago

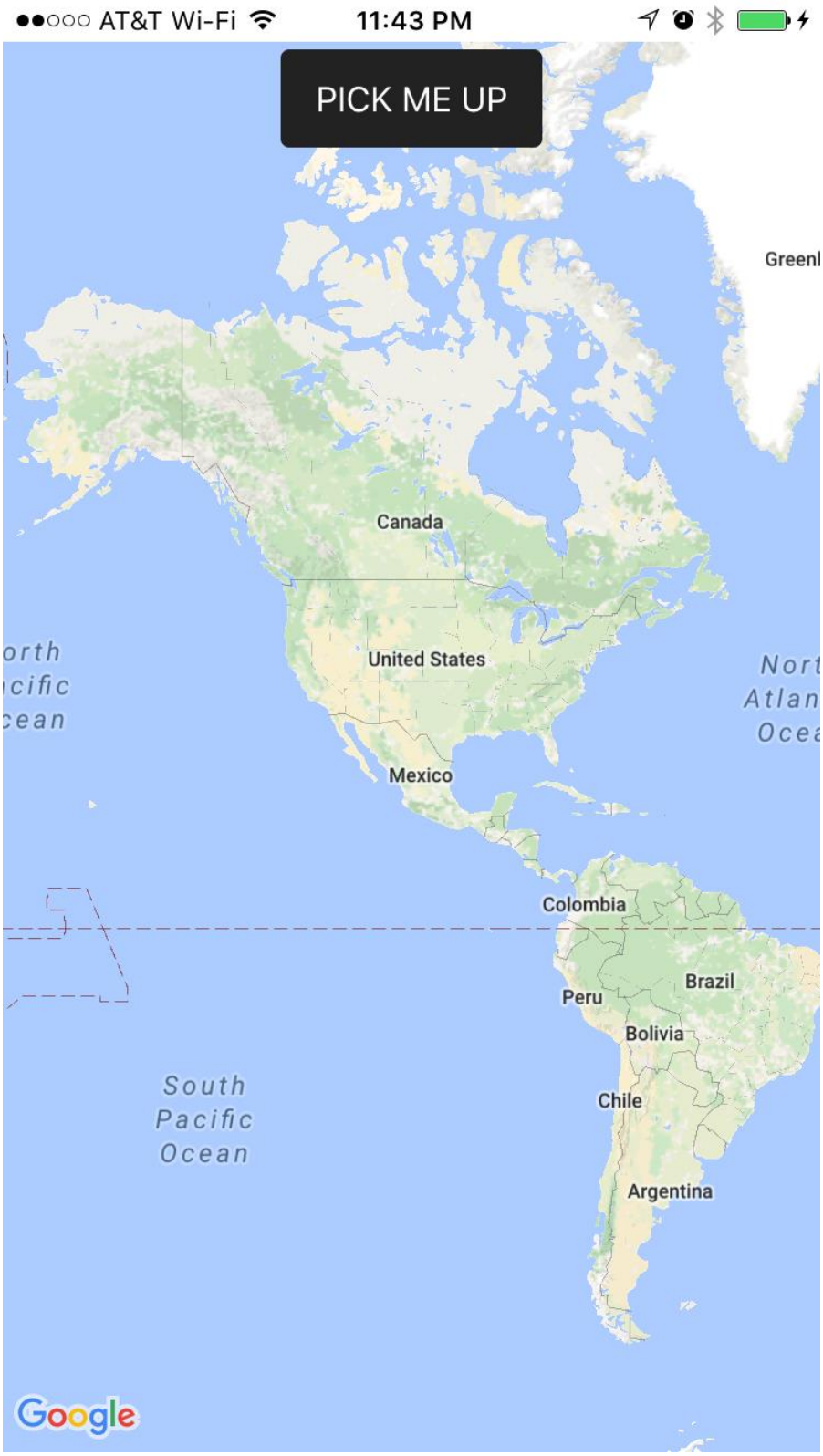

●●○○○ AT&T Wi-Fi
11:37 PM
Home
Ionic Developer
May 5, 2016
AirDrop. Share instantly with people nearby. If they turn on AirDrop from Control Center on iOS or from Finder on the Mac, you'll see their names here. Just tap to share.
Message
Mail
Reminders
Notes
Add to Reading List
Copy
More
Cancel

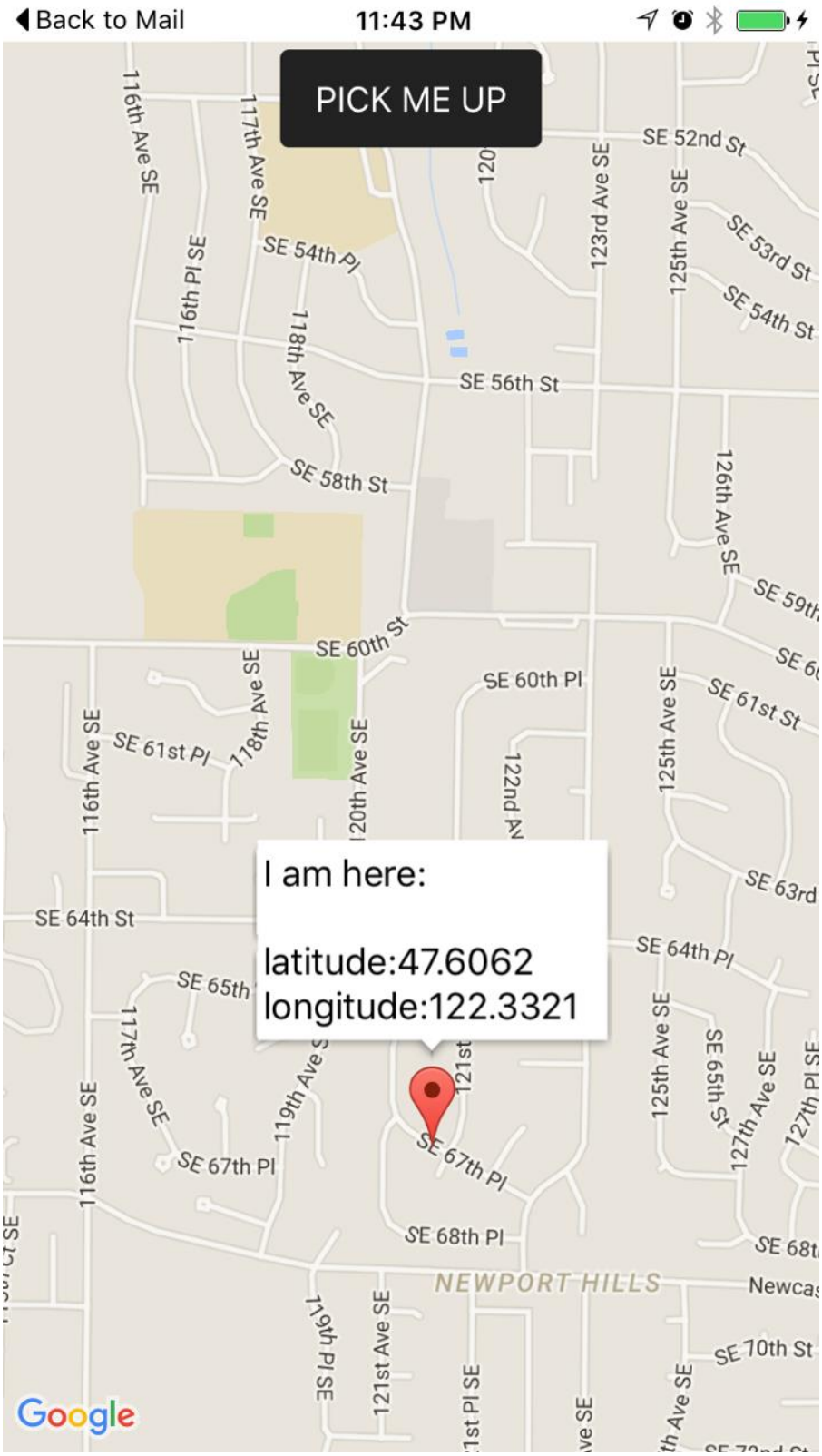

AT&T Wi-Fi
11:38 PM
Home
Cancel
Twitter
Post
Wow Ionic 2 is so awesome. I gotta share this to other people.
54
Account
innovieco
Location
None
Wow Ionic 2 is so awesome. I gotta share this to other people.
q w e r t y u i o p
a s d f g h j k l
z x c v b n m
123
space
@
#

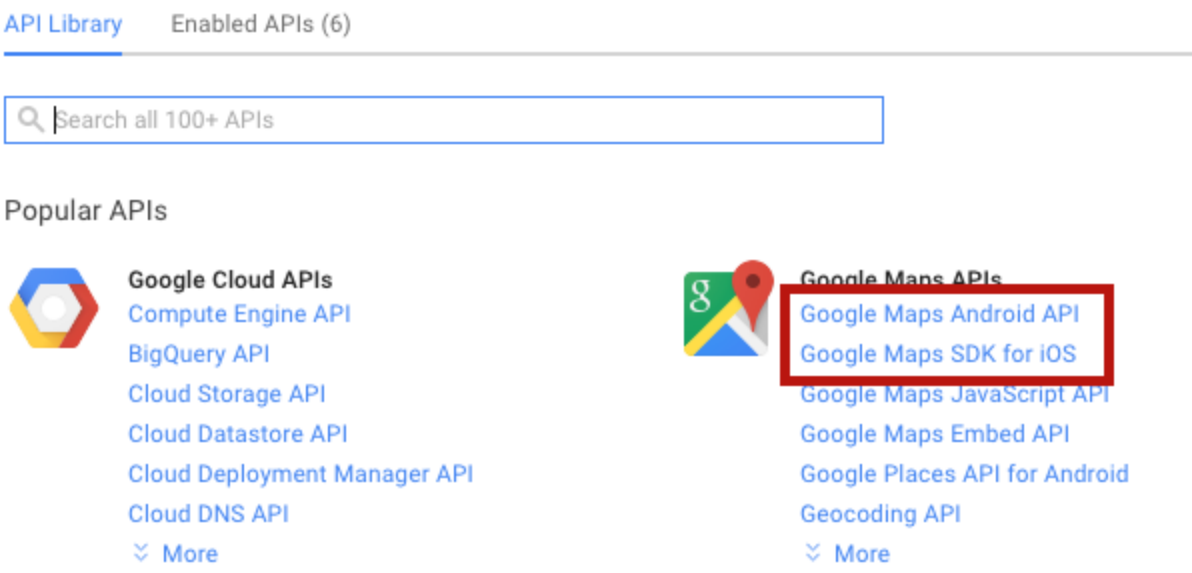

●●●○○ AT&T
10:58 PM
Important Information
Please agree to our terms
Next

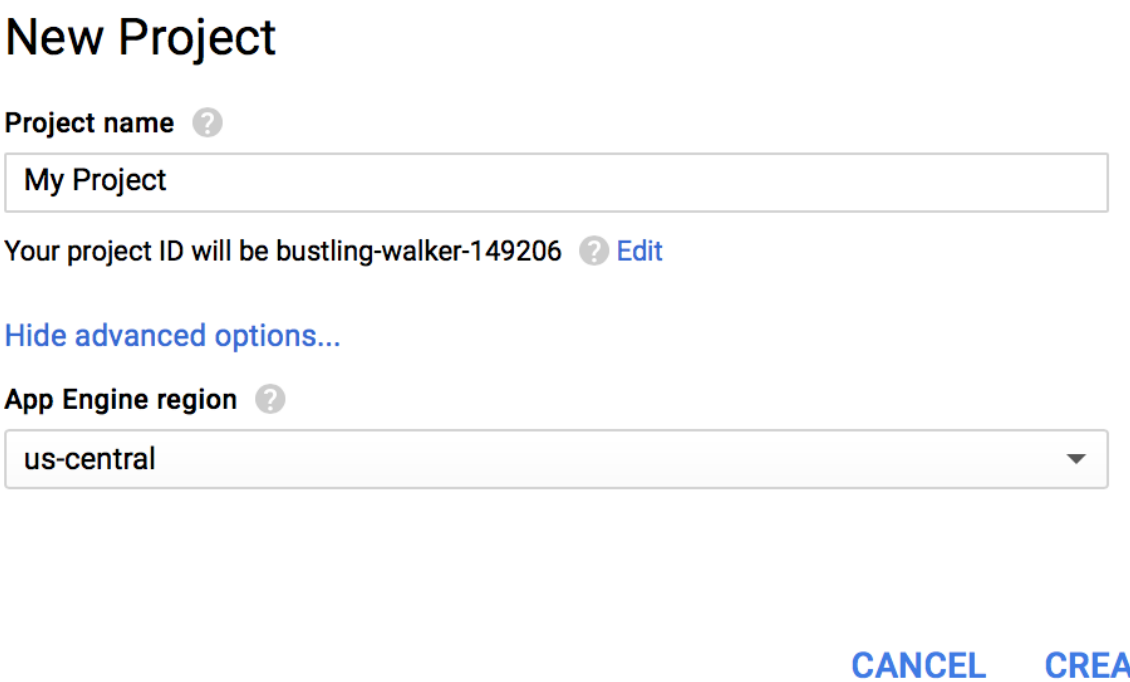

●●○○○ AT&T
11:00 PM
ionic
BETA
SERVICES AGREEMENT
THIS SERVICES AGREEMENT (the "Agreement") is a legal agreement by and between Drifty Co., a Delaware corporation with its principal offices at 121 S. Pinckney St. Suite 300 Madison, WI 53703 ("Drifty"), and the party entering into this Agreement for the use of the Service ("Client"). By accessing, copying, or otherwise using the Service, Client acknowledges that it has read this Agreement, understand it, and agree to be bound by its terms and conditions, including Drifty's Privacy Policy. If Client does not agree to the terms and conditions of this Agreement, do not
http://ionic.io/tos
Done

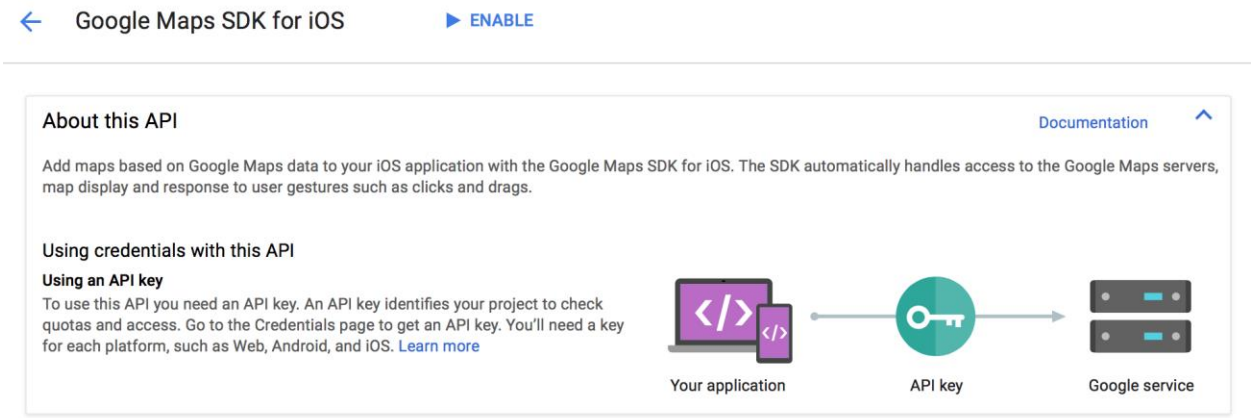

AT&T
11:00 PM
Important Information
Please agree to our terms
Next

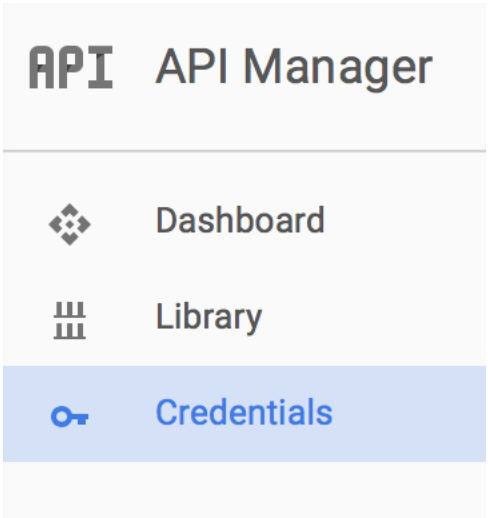

●●○○○ AT&T Wi-Fi
11:43 PM
PICK ME UP
Greenl
Canada
United States
Mexico
Colombia
Brazil
Peru
Bolivia
Chile
Argentina
South
Pacific
Ocean
Google

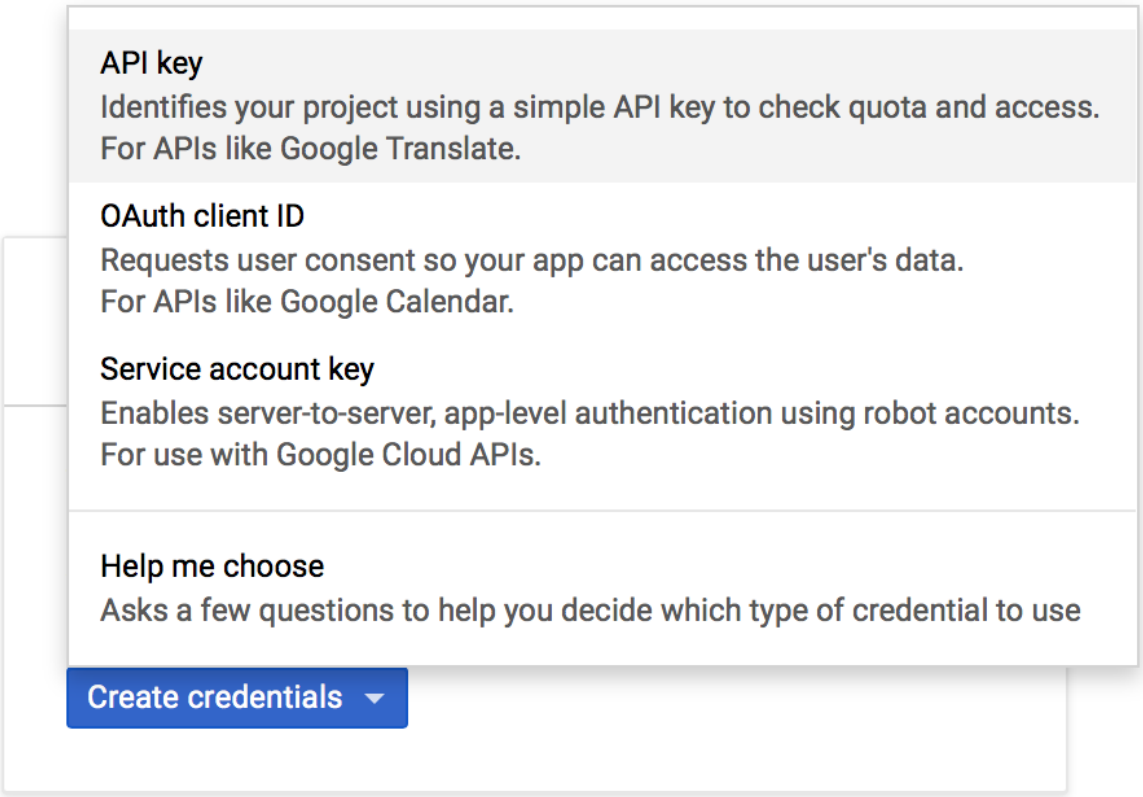

Back to Mail
11:43 PM
PICK ME UP
I am here:
latitude:47.6062
longitude:122.3321
SE 52nd St
SE 53rd St
SE 54th St
SE 54th Pl
SE 56th St
SE 58th St
SE 59th
SE 60th St
SE 60th Pl
SE 61st St
SE 61st Pl
SE 63rd
SE 64th St
SE 64th Pl
SE 65th
SE 65th St
SE 67th Pl
SE 68th Pl
SE 68t
SE 70th St
NEWPORT HILLS
Newcas
116th Ave SE
116th Pl SE
117th Ave SE
118th Ave SE
119th Ave SE
119th Pl SE
120th Ave SE
121st Ave SE
121st Pl SE
122nd Ave
123rd Ave SE
125th Ave SE
126th Ave SE
127th Ave SE
127th Pl SE
Google


API Library
Enabled APIs (6)
Search all 100+ APIs
Popular APIs
Google Cloud APIs
Compute Engine API
BigQuery API
Cloud Storage API
Cloud Datastore API
Cloud Deployment Manager API
Cloud DNS API
More
Google Maps APIs
Google Maps Android API
Google Maps SDK for iOS
Google Maps JavaScript API
Google Maps Embed API
Google Places API for Android
Geocoding API
More


New Project
Project name
My Project
Your project ID will be bustling-walker-149206
Edit
Hide advanced options...
App Engine region
us-central
CANCEL
CREATE


Google Maps SDK for iOS
ENABLE
About this API
Documentation
Add maps based on Google Maps data to your iOS application with the Google Maps SDK for iOS. The SDK automatically handles access to the Google Maps servers, map display and response to user gestures such as clicks and drags.
Using credentials with this API
Using an API key
To use this API you need an API key. An API key identifies your project to check quotas and access. Go to the Credentials page to get an API key. You'll need a key for each platform, such as Web, Android, and iOS. Learn more
Your application
API key
Google service


API Manager
Dashboard
Library
Credentials



Key restriction

Key restriction lets you specify which web sites, IP addresses, or apps can use this key. Learn more

- ( ) None
- ( ) HTTP referrers (web sites)
- ( ) IP addresses (web servers, cron jobs, etc.)
- ( ) Android apps
- (•) iOS apps

Accept requests from an iOS application with one of these bundle identifiers (Optional)

com.ionicframework.taxiapp319361 ×

com.example.MyApp

Credentials | OAuth consent screen | Domain verification

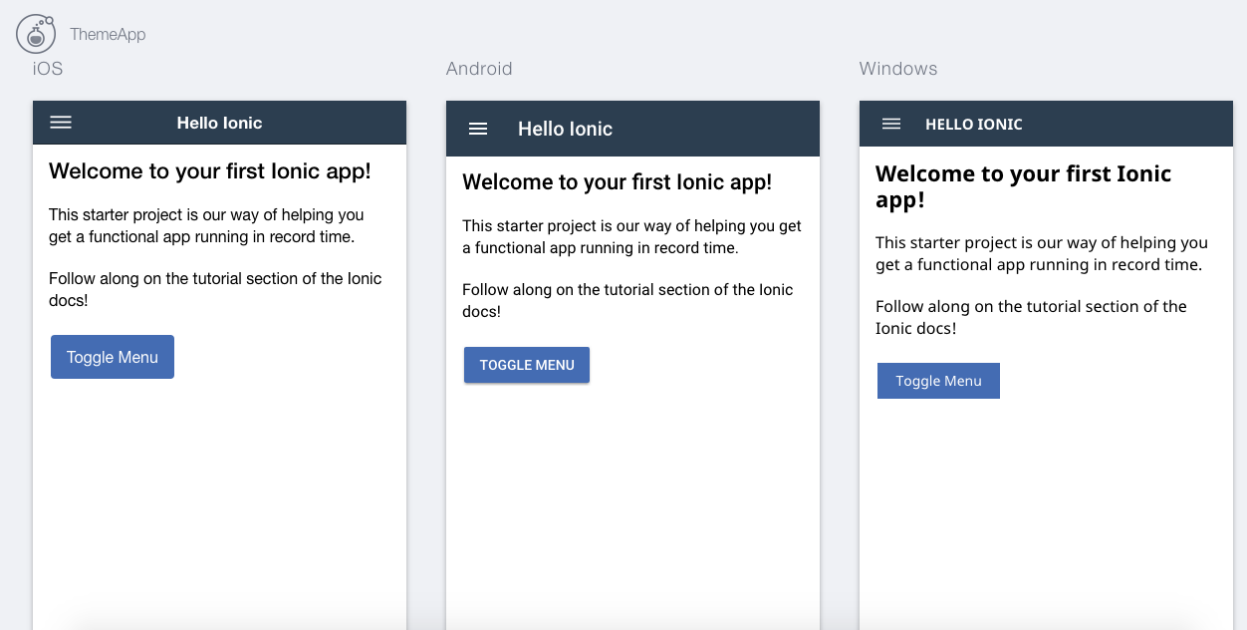
Create credentials | Delete

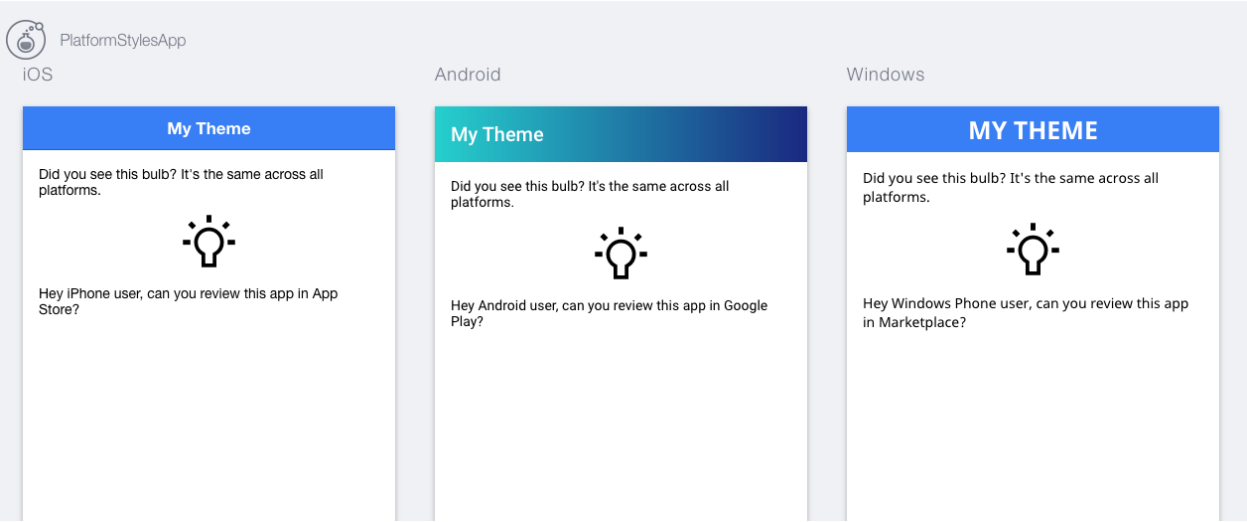
Create credentials to access your enabled APIs. Refer to the API documentation for details.

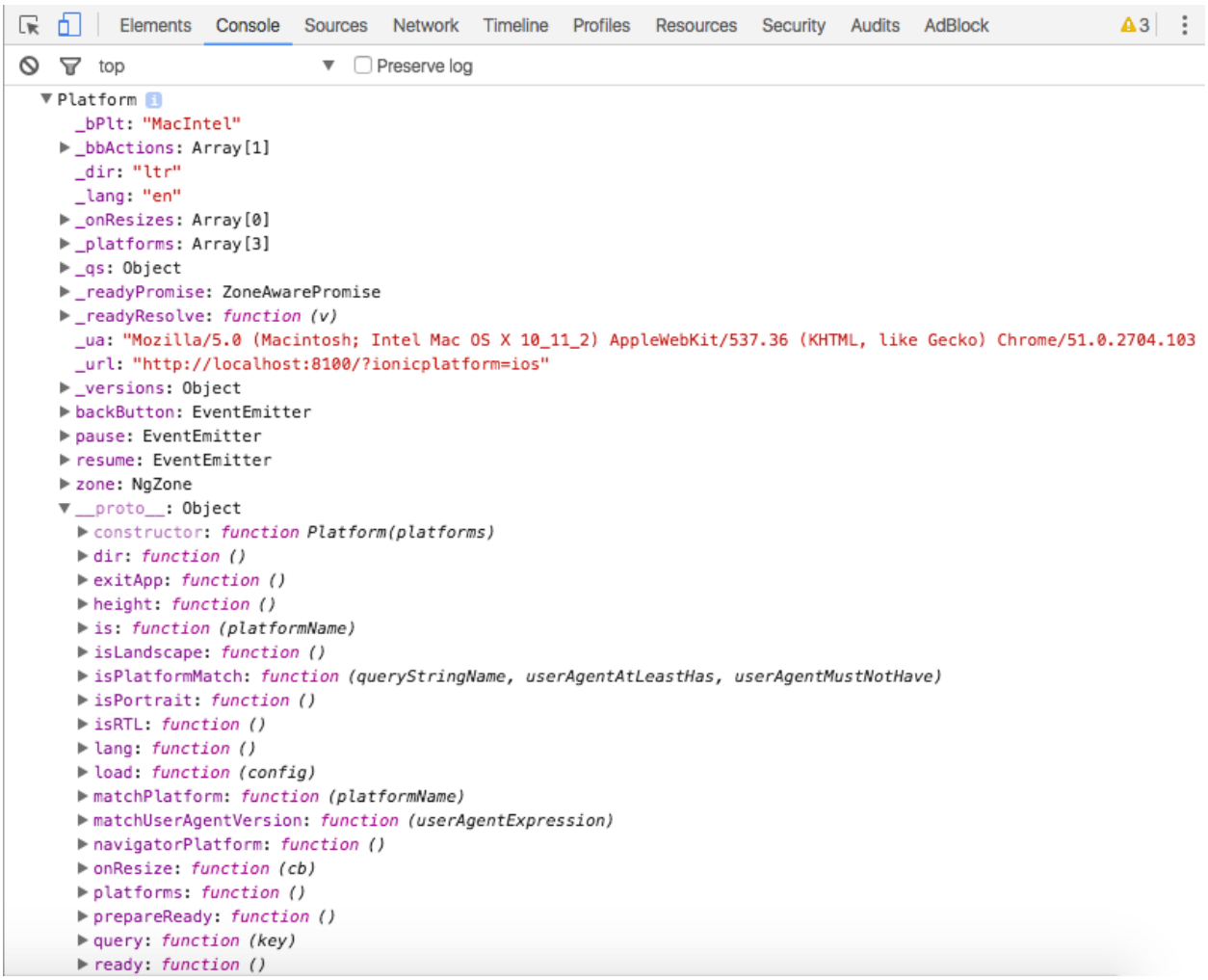
API keys

Name	Creation date	Restriction	Key
API key 1	Nov 11, 2016	None	AIzaSyDf08BT0kLrzlpdtCGPT5b5UizkRv6Wwrl

Chapter 8: Theming the App






Elements
Console
Sources
Network
Timeline
Profiles
Resources
Security
Audits
AdBlock
3
top
Preserve log
Platform
_bPlt: "MacIntel"
_bbActions: Array[1]
_dir: "ltr"
_lang: "en"
_onResizes: Array[0]
_platforms: Array[3]
_qs: Object
_readyPromise: ZoneAwarePromise
_readyResolve: function (v)
_ua: "Mozilla/5.0 (Macintosh; Intel Mac OS X 10_11_2) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/51.0.2704.103
_url: "http://localhost:8100/?ionicplatform=ios"
_versions: Object
backButton: EventEmitter
pause: EventEmitter
resume: EventEmitter
zone: NgZone
__proto__: Object
constructor: function Platform(platforms)
dir: function ()
exitApp: function ()
height: function ()
is: function (platformName)
isLandscape: function ()
isPlatformMatch: function (queryStringName, userAgentAtLeastHas, userAgentMustNotHave)
isPortrait: function ()
isRTL: function ()
lang: function ()
load: function (config)
matchPlatform: function (platformName)
matchUserAgentVersion: function (userAgentExpression)
navigatorPlatform: function ()
onResize: function (cb)
platforms: function ()
prepareReady: function ()
query: function (key)
ready: function ()

Search Ionicons

Name	iOS	iOS-Outline	Material Design
add			
add-circle			
alarm			
albums			

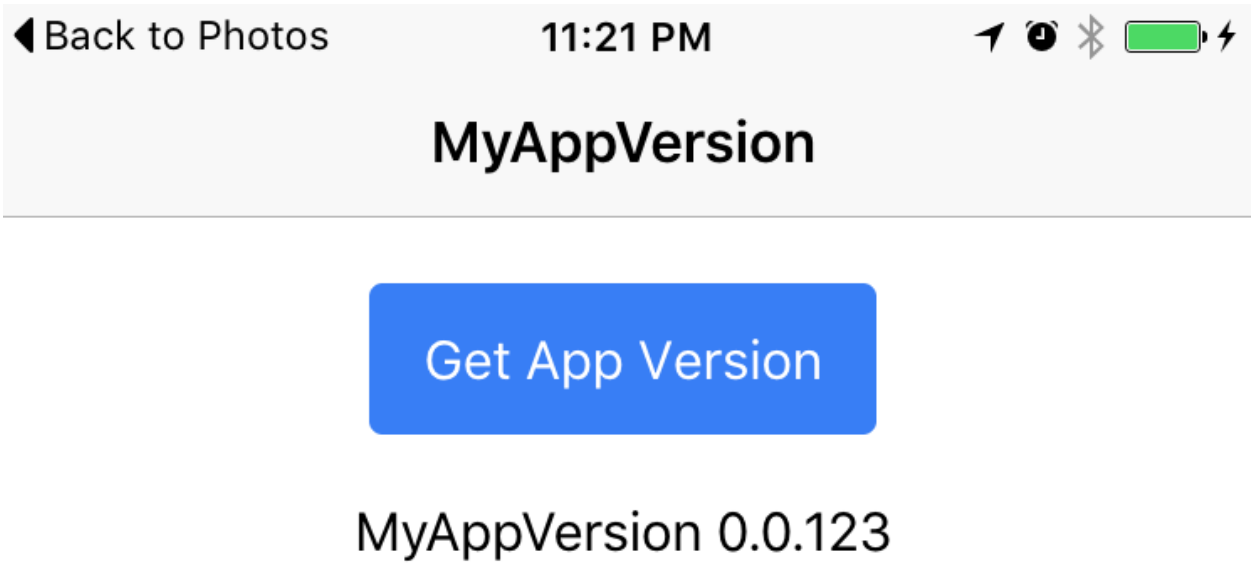
add

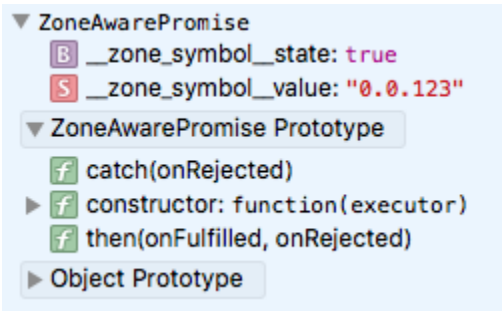
`ios-add` `ios-add-outline` `md-add`

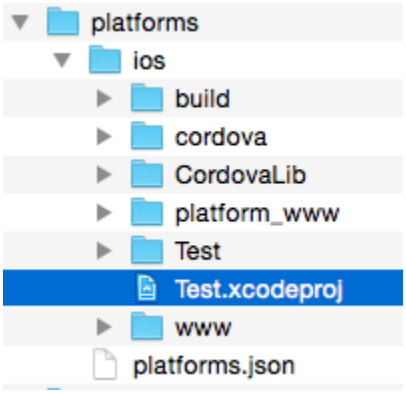
Usage:

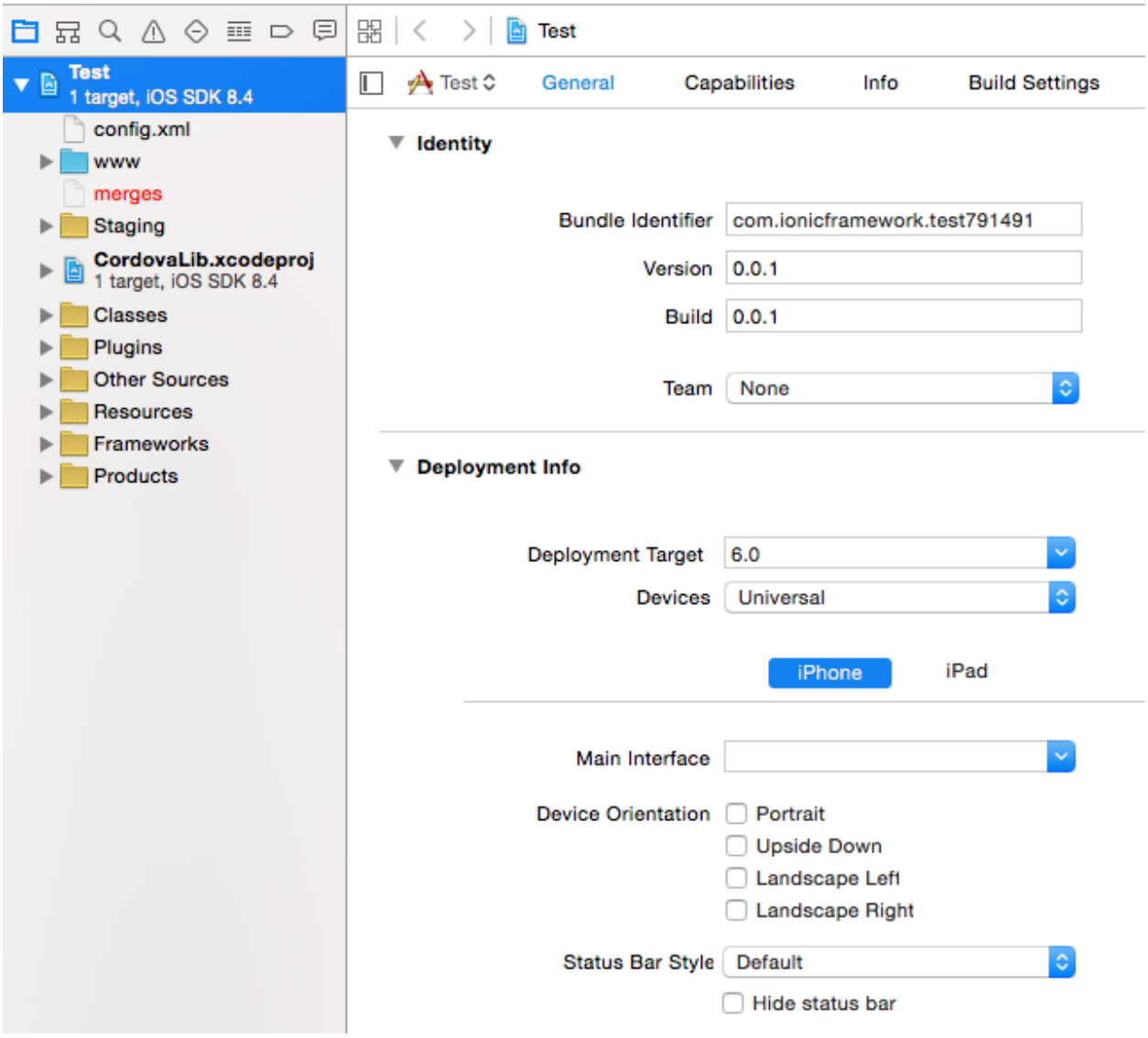
```
<!--Basic: auto-select the icon based on the platform -->
<ion-icon name="add"></ion-icon>

<!-- Advanced: explicity set the icon for each platform -->
<ion-icon ios="ios-add" md="md-add"></ion-icon>
```

Chapter 9: Publishing the App for Different Platforms



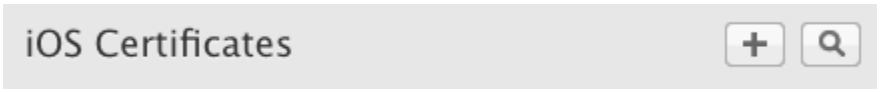






Certificates, Identifiers & Profiles

Manage the certificates, identifiers, profiles, and devices you need to develop and distribute apps.



Add iOS "Certificate"

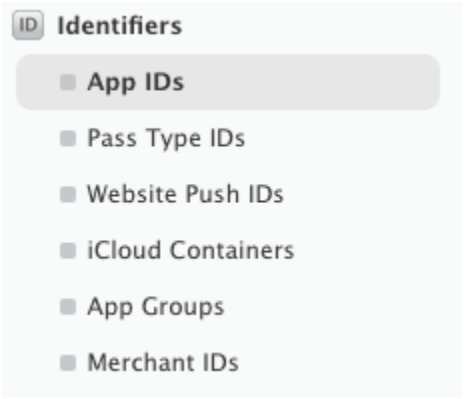
Select Type › Request › Generate › Download

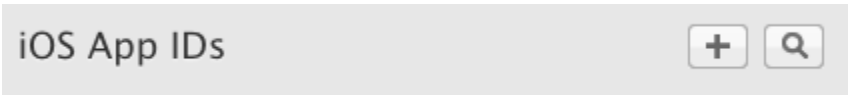
What type of certificate do you need?

Development

- **iOS App Development**
  Sign development versions of your iOS app.

- **Apple Push Notification service SSL (Sandbox)**
  Establish connectivity between your notification server and the Apple Push Notification service sandbox environment to deliver remote notifications to your app. A separate certificate is required for each app you develop.





Registering an App ID

The App ID string contains two parts separated by a period (.) — an App ID Prefix that is defined as your Team ID by default and an App ID Suffix that is defined as a Bundle ID search string. Each part of an App ID has different and important uses for your app. Learn More

App ID Description

Name: Test

You cannot use special characters such as @, &, *, ', "

App ID Suffix

Explicit App ID

If you plan to incorporate app services such as Game Center, In-App Purchase, Data Protection, and iCloud, or want a provisioning profile unique to a single app, you must register an explicit App ID for your app.

To create an explicit App ID, enter a unique string in the Bundle ID field. This string should match the Bundle ID of your app.

Bundle ID: com.ionicframework.test791491

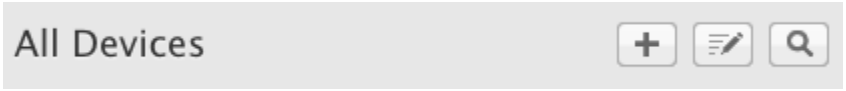
We recommend using a reverse-domain name style string (i.e., com.domainname.appname). It cannot contain an asterisk (*).

App Services

Select the services you would like to enable in your app. You can edit your choices after this App ID has been registered.

Enable Services:

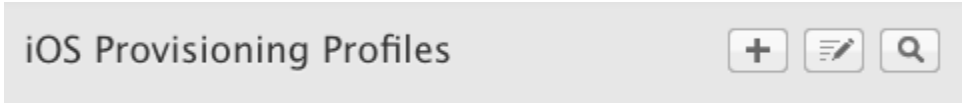
- [ ] App Groups
- [ ] Apple Pay
- [ ] Associated Domains
- [ ] Data Protection
  - ( ) Complete Protection
  - ( ) Protected Unless Open
  - ( ) Protected Until First User Authentication
- [x] Game Center
- [ ] HealthKit
- [ ] HomeKit
- [ ] iCloud
  - ( ) Compatible with Xcode 5
  - ( ) Include CloudKit support (requires Xcode 6)
- [x] In-App Purchase
- [ ] Inter-App Audio
- [ ] Personal VPN
- [x] Push Notifications
- [ ] SiriKit
- [ ] Wallet
- [ ] Wireless Accessory Configuration



Register Device
Name your device and enter its Unique Device Identifier (UDID).

Name:

UDID:



What type of provisioning profile do you need?

Development

- ○ **iOS App Development**
  Create a provisioning profile to install development apps on test devices.

- ○ **tvOS App Development**
  Create a provisioning profile to install development apps on tvOS test devices.

Distribution

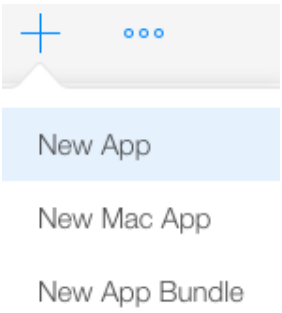
- ◉ **App Store**
  Create a distribution provisioning profile to submit your app to the App Store.

Select Type | Configure | Generate | Download

Select App ID.

If you plan to use services such as Game Center, In-App Purchase, and Push Notifications, or want a Bundle ID unique to a single app, use an explicit App ID. If you want to create one provisioning profile for multiple apps or don't need a specific Bundle ID, select a wildcard App ID. Wildcard App IDs use an asterisk (*) as the last digit in the Bundle ID field. Please note that iOS App IDs and Mac App IDs cannot be used interchangeably.

App ID: test1 (Q9AH7H7W82.com.ionicframework.test1223125)



New App

Platforms ?

☑ iOS ☐ tvOS

Name ?

Test

Primary Language ?

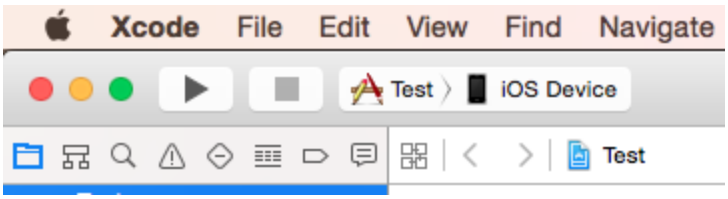
English

Bundle ID ?

ionic-demo - ionic-demo

SKU ?

Cancel Create


Xcode
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Product
Debug
Source
Run ⌘R
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Profile ⌘I
Analyze ⇧⌘B
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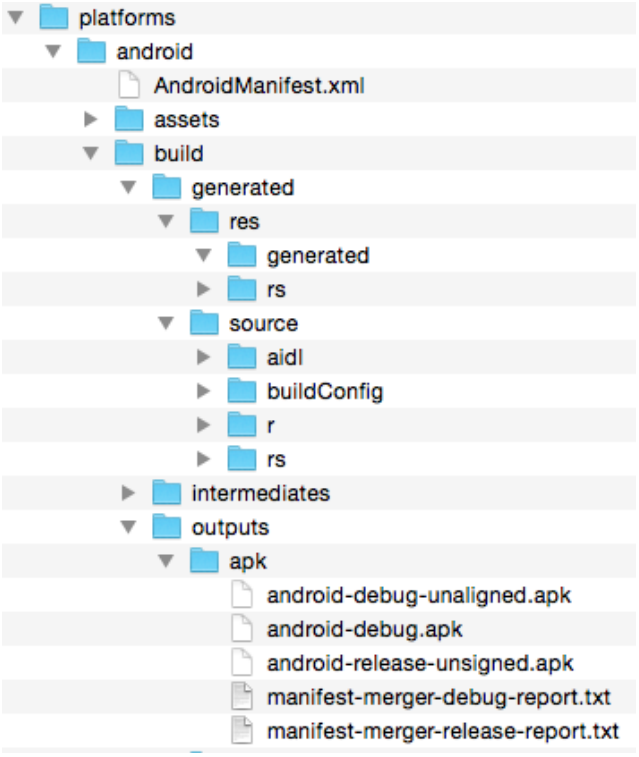
Build For
Perform Action
Build ⌘B
Clean ⇧⌘K
Stop ⌘.
Scheme
Destination
Create Bot...


platforms
android
AndroidManifest.xml
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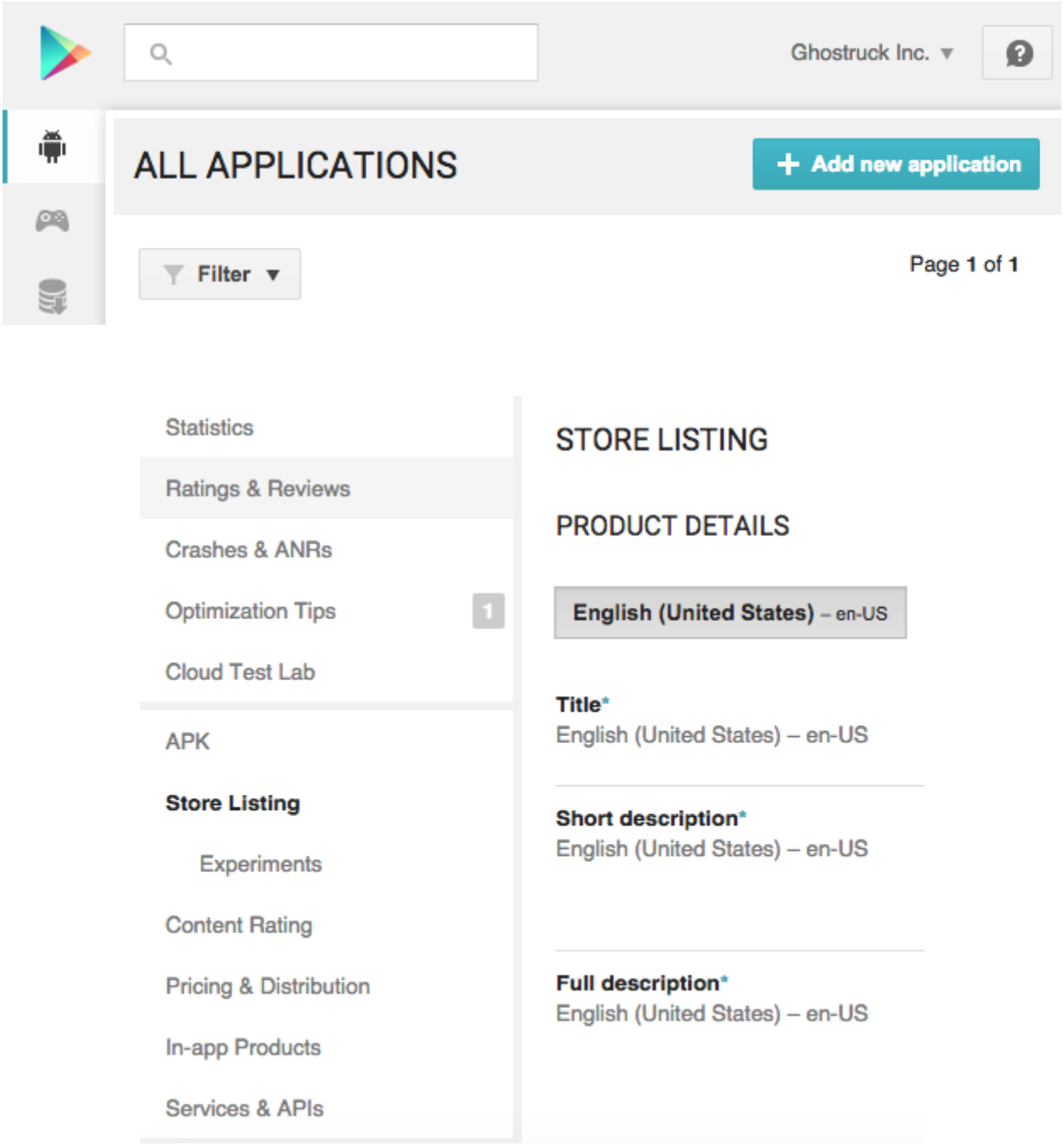
outputs
apk
android-debug-unaligned.apk
android-debug.apk
android-release-unsigned.apk
manifest-merger-debug-report.txt
manifest-merger-release-report.txt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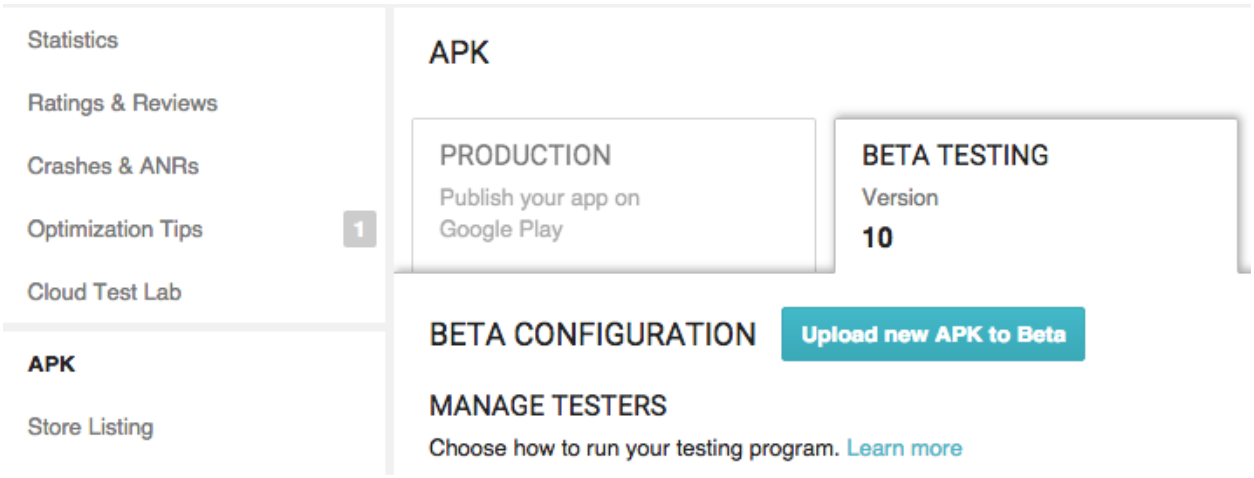
STORE LISTING
PRODUCT DETAILS
English (United States) – en-US
Title*
English (United States) – en-US
Short description*
English (United States) – en-US
Full description*
English (United States) – en-US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