Music Band Ionic 1.11 Documentation

Quick start Guide - Installation and user support

Created: Jun 13, 2015 Updated: Jul 28, 2016

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support center form. Thank you!

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```

Prerequisites

Cordova and Ionic

This is a <u>Cordova</u> and <u>Ionic</u> based application, so the <u>Cordova</u> and <u>Ionic</u> should be installed in your computer. Since Music Band Ionic, targets iPhone and Android mobile devices, your environment should be properly configured and the corresponding SDK should be installed. If not you will be still able to run the application into a Browser.

Please check the "Get started with Cordova" and "Getting Started with Ionic" sections in the

official Cordova and Ionic sites respectively.

Ensure first that <u>NodeJS</u> is installed in your computer

Tools

This project is based on the popular "<u>lonic Framework Generator</u>" that boosts the overall development process by integrating a couple of very popular automation tools like <u>Grunt</u> and <u>Bower</u>.

Install these tools by following the instructions in their corresponding web pages:

- 1. Install Bower
- 2. Getting started with Grunt Install the CLI
- 3. Getting started with Yeoman

Finally install the yeoman generator via:

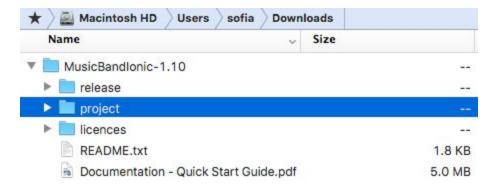
\$ npm install -g generator-ionic

Run for the first time

In the screen captures that follow, we will demonstrate the process of preparing your environment and running the project for the first time.

Download and extract

Download the provided .zip file and extract it, you will see something similar to what is shown in the next screen:



The highlighted is used for all the instructions in this document.

Install libraries

Open a terminal window and navigate to the directory where the "music-band" folder is located.

Install NodeJS dependences:

\$ npm install

Post installation

There is a post installation process under which required Cordova plugins and Javascript dependencies are installed. To simplify this process two scripts are already prepared for both platforms: Linux/MacOS and Windows

Linux/MacOX

Install all the required plugins and Javascript dependencies:

\$./install.sh

Note: If you don't have iOS, you should comment:

grunt platform:add:ios

and comment out:

grunt platform:add:android

Windows Users

Similarly, Windows users should execute:

\$ install.bat

Plugins

Build your project for the first time. This will create the [www] folder which is the actual cordova directory and where the plugins will be installed.

\$ grunt build

Follow the same process as with "Libraries" and install the required plug ins by using the commands that follow:

\$ cordova plugin add {plugin name or url}

\$ cordova plugin add cordova-plugin-inappbrowser

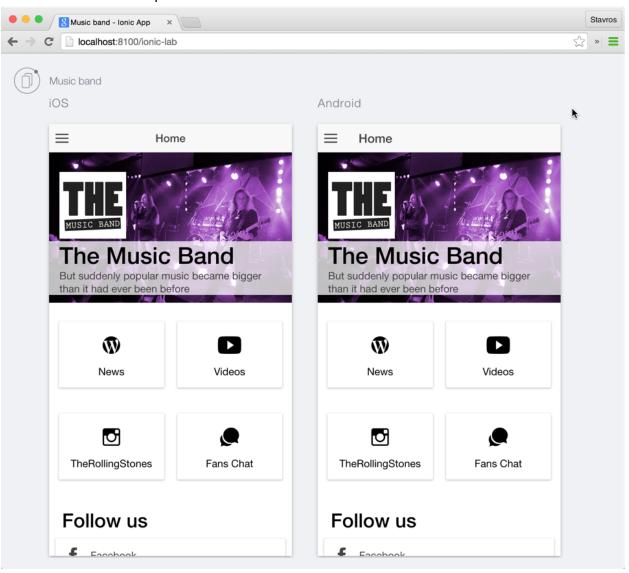
Please check the Readme.md file in the project folder for the list with all the required plugins the application is based on and should be installed.

Run a local development server

Start the local NodeJS server and run the application in the browser:

\$ grunt serve --lab

A browser window will open with two virtual devices the one next to the other.



You could also open the application in a single browser window by starting it with the command:

\$ grunt serve

Run in the emulator

First the prefered platform should be added. In this case iOS:

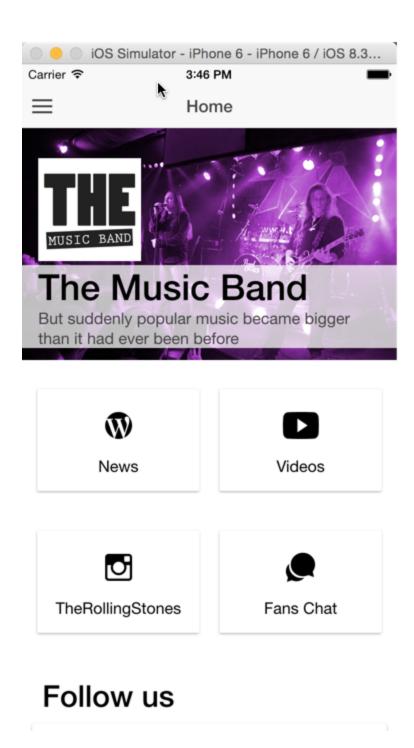
\$ grunt platform:add:ios

Note: You can only add iOS platform if you have iOS.

Now the application is ready to start inside a simulator:

grunt emulate:ios --livereload

The iPhone simulator will launch and the Music Band Ionic app will start.



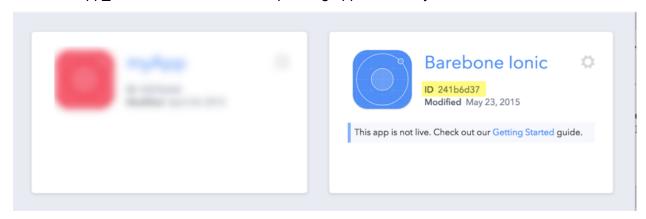
Personalize the app

The first step, once you get familiar with the application, is to personalize it. In order to do this, edit the <code>ionic.project</code> and <code>config.xml</code> files and replace the highlighted fields:



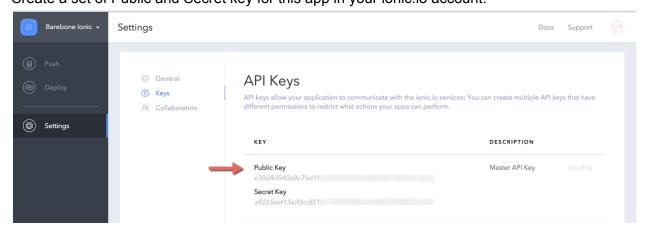
config.xml

As for the app_id, use the ID of the coresponding application in your ionic.io account.



Keys

Create a set of Public and Secret key for this app in your ionic.io account.



Use these keys and configure the related properties in the Gruntfile.js

```
Gruntfile.js
          wrap: '"use strict";\n\n {%= __ngModule %}',
         name: 'config',
         dest: '<>= yeoman.app %/<>= yeoman.scripts %/configuration.js'
       },
       development: {
        constants: {
          ENV: {
            name: 'development',
             apiEndpoint: 'http://dev.yoursite.com:10000/',
             youtubeKey: 'AIza
             ionicPrivateKey: '
            ionicPublicKey: 'e
            ionicAppId: '241b6d37', //'2113c758',
            gcmId: '228071472080',
70
            instagramAppId: '
            facebookAppId: '7
            // http://logicum.co/getting-a-facebook-page-permanent-access-token/
             facebookPermanentAccessToken:
             firebaseUrl: 'music-band-ionic.firebaseio.com',
              audioStream: 'http://stream-dc1.radioparadise.com/mp3-128'
        }
       },
      production: {
        constants: {
80
          ENV: {
            name: 'production',
             apiEndpoint: 'http://api.yoursite.com/',
             youtubeKey: "
```

Gruntfile.js

Modules Configuration

Most of the needed configuration can be done through the

local-app-settings.service.js file under the app/scripts/common/services path. The following sections will guide you regarding all the Music Band Ionic's modules and theirs configuration.

Home

Welcome area

To replace the welcome title and slogan showing on the home screen, open the local-app-settings.service.js file located under the app/scripts/common/services/path and adjust the highlighted area.

```
▼ □ music-band

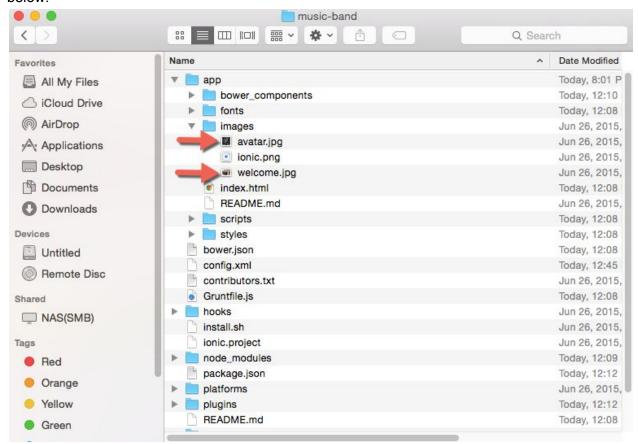
                                                 app-settings.service.js
                                                                               local-app-settings.service.js
  ) iii .git
                                                (function () {
  > 🚞 .temp
                                                  'use strict';
  ▼ 🛅 app
                                                 angular
     > bower_components
                                                    .module('musicband.common')
     > in fonts
                                                    .factory('localAppSettings', localAppSettings);
     > images
     localAppSettings.$inject = ['$q'];
       > in chats
       v 🖿 common
                                                 /* @ngInject */
         > in directives
                                                 function localAppSettings($q) {

▼ ■ services

                                                    var settings = {
             app-settings.service.js
                                                      welcomeTitle: 'The Music Band',
             extenal-apps.service.js
                                                      welcomeSlogan: 'But suddenly popular music became bigger than it had ever been before',
             firebase-app-settings.service.js
             html-to-plain-text.service.js
                                                      youtubeUser: 'TheRollingStones',
             local-app-settings.service.js
                                                      facebookPage: 'therollingstones',
                                           17
             parse-app-settings.service.js
                                                      instagramTag: 'therollingstones',
           DS Store
                                                      newsJSONURI: 'http://skounis.s3.amazonaws.com/mobile-apps/music-band/news.json',
           common.module.js
                                                      wordPressURI: 'http://demo.titaniumtemplates.com/wordpress/tag/rollingstones/?json=1',
       > events
                                                      website: 'http://www.rollingstones.com/',
       > in facebook
                                                      store: 'http://rollingstones.shop.bravadousa.com/store/',
       > nome
                                                      iTunesURI: 'https://itunes.apple.com/us/artist/the-rolling-stones/id1249595',
                                                      // Live Radio
       > infrastructure
       > instagram
                                                      audioStream: 'http://stream-dc1.radioparadise.com/mp3-128',
       > map
                                                      socialMediaAccounts: {
       > menu
```

local-app-settings.service.js

You can change the home screen's **avatar** and **welcome image** by replacing the files shown below:



Please, note that you need to keep the names and the location of the images the same with the ones above ("avatar" and "welcome" in images folder).

Home buttons

On the home screen, there are 4 buttons. However, they could be replaced with other buttons by editing the highlighted area in menu-items.service.js file under the app/scripts/home/ path:

```
menu-items.service.js - /Users/sofia/Documents/music-band - Atom
. .

▼ □ music-band

                                                   menu-items.service.js
   ) iii .git
                                            1 (function() {
   > in .temp
                                                  'use strict';
   🕶 🛅 арр
                                           4 angular
     > bower_components
                                           .module('musicband.home')
factory('menuItems', menuItems);
     > fonts
     > images

▼ im scripts

                                          8 menuItems.$inject = [];
       > chats
                                          9
       > iii common
                                         10 /* @ngInject */
       > events
                                         11 function menuItems() {
       > facebook
                                                   var data = [{
                                         13 title: 'News',
14 path: 'wordpress-articles',
15 icon: 'ion-social-wordpress'

▼ in home

           home-data.service.js
home.controller.js
           home.controller.js
                                         16 }, {
17 title: 'Videos',
18 path: 'videos',
19 icon: 'ion-social-youtube'
           home.html
           home.module.js
menu-items.service.js
        infrastructure
                                          20 }, {
       > instagram
                                           title: '#JustinBieberFan',
path: 'instagram-recent-media',
       > map
       > menu
        > news
                                                      icon: 'ion-social-instagram-outline'
                                           24
                                                 }, {
       > push
                                                  title: 'Fans Chat',
path: 'chat-rooms',
icon: 'ion-chatbubbles'
       > stream
       > wordpress
       > youtube
         app.js
         configuration.js
                                           30
                                                    return data:
         spinner.js
                                           31 }
     32 })();
         E) main cee
```

menu-items.services.js

Also, the markup could change by modifying the home.html file under the under the app/scripts/home/ path as shown below:

```
0 0
                                        nome.html - /Users/sofia/Documents/music-band - Atom

▼ □ music-band

                                     7
                                             <div class="avatar">
  sgit .git
                                     8
                                                 <img src="images/avatar.jpg"/>
  > 🛅 .temp
                                     9
  🕶 🛅 арр
                                    10
                                                <h1>{{vm.welcomeTitle}}</h1>
    > bower_components
                                    11
                                                {{vm.welcomeSlogan}}
    > fonts
                                    12
                                             </div>
    > images
                                            </div>
                                    13

▼ im scripts

                                    14
      > in chats
                                    15
                                            <div ng-repeat="e in vm.entries" ng-if="$index%2==0" class="row">
      > common
                                    16
      > events
                                   17
                                             <div class="card col home">
      > in facebook
                                                <a class="item item-text-wrap" href="#/app/{{vm.entries[$index].path}}">
                                   18

→ Im home

                                    19
                                                  <h1><i class="icon {{vm.entries[$index].icon}}"></i></h1>
          home-data.service.is
                                    20
                                                  <h2>{{vm.entries[$index].title}}</h2>
          home.controller.js
                                    21
       home.html
                                   22
                                            </div>
                                    23
          home.module.js
          menu-items.service.js
                                    24
                                            <div class="card col home">
                                                <a class="item item-text-wrap" href="#/app/{{vm.entries[$index + 1].path}}">
      > infrastructure
                                    25
                                                 <h1><i class="icon {{vm.entries[$index + 1].icon}}"></i></h1>
                                    26
      > instagram
      > map
                                    27
                                                 <h2>{{vm.entries[$index + 1].title}}</h2>
                                    28
      > menu
                                    29
                                              </div>
      > news
                                    30
      > in push
                                            </div>
      > m stream
```

home.html

Social Links / Follows

Here, you can set the url which will be used to launch the browser installed in the device.

Open the local-app-settings.service.js file under the app/script/common/services/ path and replace the highlighted areas.

For example, in the highlighted area "instagram" you can define what follows "https://instagram.com/". Therefore, if you want to go to https://instagram.com/therollingstones address, you should set the "instagram" parameter "therollingstones".

The same applies for Facebook and Twitter. For the website, music and store just define the whole url as shown below:

```
💩 local-app-settings.service.js - /Users/sofia/Documents/music-band - Atom
> iii .temp
                                                            local-app-settings.service.js
→ 🛅 арр
                                                       10 /* @ngInject */
   > m bower_components
                                                               function localAppSettings($q) {
   > in fonts
                                                                 var settings = {
   > images
                                                                   welcomeTitle: 'The Music Band',

✓ ■ scripts

                                                       14
                                                                    welcomeSlogan: 'But suddenly popular music became bigger than it had ever been
                                                       15
16
      > chats
                                                    youtubeUser: 'TheRollingStones',
facebookPage: 'therollingstones',
instagramTag: 'therollingstones',
newsJSONURI: 'http://skounis.s3.amazonaws.com/mobile-apps/music-band/news.json
wordPressURI: 'http://demo.titaniumtemplates.com/wordpress/tag/rollingstones/?
website: 'http://www.rollingstones.com/',
store: 'http://rollingstones.shop.bravadousa.com/store/',
iTunesURI: 'https://itunes.apple.com/us/artist/the-rolling-stones/id1249595',
// Live Radio
audioStream: 'http://stream-dc1.radioparadise.com/mp3-128',

▼ im common

         > directives

→ services

              app-settings.service.js
              extenal-apps.service.js
              firebase-app-settings.service.js
              html-to-plain-text.service.js
             local-app-settings.service.js
               parse-app-settings.service.js
           DS_Store
                                                       26
           common.module.js
                                                27
                                                                   socialMediaAccounts: {
       > events
                                                     28
                                                                      facebook: 'therollingstones',
      > 🖿 facebook
                                                       29
                                                                         twitter: 'RollingStones',

✓ Implementation

home

                                                       30
                                                                          instagram: 'therollingstones',
           home-data.service.is
                                                                    }
           home.controller.js
                                                       32 }:
```

app-settings.service.js

News

News screen is configured to fetch data from remote sources. JSON is the protocol that is used for this purpose.

Its source is available in the URLs below:

http://skounis.s3.amazonaws.com/mobile-apps/music-band/news.json

Data Sources configuration

In order to set the **Music Band Ionic** application to work with your own data sources you should follow the next steps:

- 1. Create your JSON structures and put them online.
- 2. Open the <code>local-app-settings.service.js</code> file under the app/scripts/common/services locate the <code>newsJSONURI</code> variable and replace it with your sources.

```
💩 local-app-settings.service.js - /Users/sofia/Documents/music-band - Atom
> iii .temp
                                                                  local-app-settings.service.js
→ 🛅 арр
                                                                10 /* @ngInject */
   > m bower_components
                                                                         function localAppSettings($q) {
   > in fonts
                                                                          var settings = {
   > images
                                                                             welcomeTitle: 'The Music Band',
   welcomeSlogan: 'But suddenly popular music became bigger than it had ever been
                                                             14
      > enats
               common

directives

directives

services

app-settings.service.js

html-to-plain-text.service.js

parse-app-settings.service.js

parse-app-settings.service.js

parse-app-settings.service.js

DS_Store

youtubeUser: 'TheRollingStones',
facebookPage: 'therollingstones',
instagramTag: 'therollingstones',
newsJSONURI: 'http://skounis.s3.amazonaws.com/mobile-apps/music-band/news.json
wordPressURI: 'http://demo.titaniumtemplates.com/wordpress/tag/rollingstones/?
website: 'http://rollingstones.com/',
store: 'http://rollingstones.shop.bravadousa.com/store/',
iTunesURI: 'https://itunes.apple.com/us/artist/the-rolling-stones/id1249595',
// Live Radio
audioStream: 'http://stream-dc1.radioparadise.com/mp3-128',
      > directives

▼ ■ services

             html-to-plain-text.service.js
             DS_Store
                                                               26
             common.module.js
                                                           27
                                                                             socialMediaAccounts: {
       > events
                                                             28
                                                                                  facebook: 'therollingstones',
       > 🖿 facebook
                                                               29
                                                                                    twitter: 'RollingStones',

→ Implement home

                                                                                 instagram: 'therollingstones',
            home-data service is
```

app-settings.service.js

Wordpress

Wordpress screen is configured to fetch data from remote sources. JSON is the protocol that is used for this purpose.

Its source is available in the URLs below:

http://demo.titaniumtemplates.com/wordpress/tag/rollingstones/?json=1

Data Sources configuration

In order to set the **Music Band Ionic** application to work with your own data sources you should follow the next steps:

- 3. Create your JSON structures and put them online.
- 4. Open the <code>local-app-settings.service.js</code> file under the app/scripts/common/services locate the <code>wordPressURI</code> variable and replace it with your sources.

```
💩 local-app-settings.service.js - /Users/sofia/Documents/music-band - Atom
> in .temp
                                                              local-app-settings.service.js
→ 🛅 арр
                                                         10 /* @ngInject */
   > m bower_components
                                                                 function localAppSettings($q) {
   > in fonts
                                                                  var settings = {
   > images
                                                                     welcomeTitle: 'The Music Band',
   14
                                                                      welcomeSlogan: 'But suddenly popular music became bigger than it had ever been
      > enats
                                                     youtubeUser: 'TheRollingStones',
facebookPage: 'therollingstones',
instagramTag: 'therollingstones',
newsJSONURI: 'http://skounis.s3.amazonaws.com/mobile-apps/music-band/news.json
wordPressURI: 'http://demo.titaniumtemplates.com/wordpress/tag/rollingstones/?
website: 'http://www.rollingstones.com/',
store: 'http://rollingstones.shop.bravadousa.com/store/',
iTunesURI: 'https://itunes.apple.com/us/artist/the-rolling-stones/id1249595',
// Live Radio
audioStream: 'http://stream-dc1.radioparadise.com/mp3-128',

▼ m common

         > directives

▼ ■ services

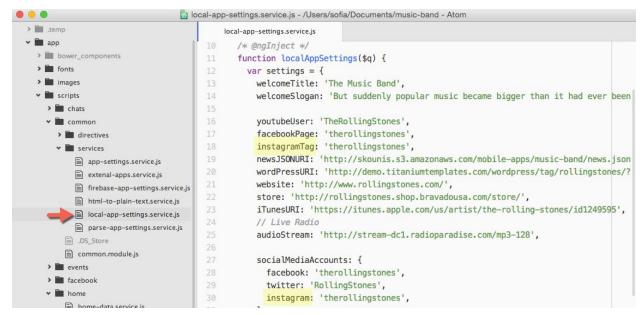
               app-settings.service.js
               extenal-apps.service.js
              firebase-app-settings.service.js
               html-to-plain-text.service.js
            local-app-settings.service.js
               parse-app-settings.service.js
            DS_Store
                                                        26
            common.module.is
                                                                     socialMediaAccounts: {
       > events
                                                                         facebook: 'therollingstones',
      > 🖿 facebook
                                                                           twitter: 'RollingStones',
      → home
                                                                          instagram: 'therollingstones',
           home-data service is
```

app-settings.service.js

Regarding Wordpress's JSON creation, firstly, the <u>JSON API plugin</u> needs to be installed and activated. The related <u>documentation</u> is also available. According to that, the generation of the feed is done by finding the location on a website that you want to get a JSON feed and add "?json=1" at the end.

Instagram

This feature fetches the Recent Posts from the defined tag into Music Band Ionic. The Instagram tag should be defined in <code>local-app-settings.service.js</code> file under the <code>app/scripts/common/services/</code> path. Below, both of the tags are highlighted:



app-settings.service.js

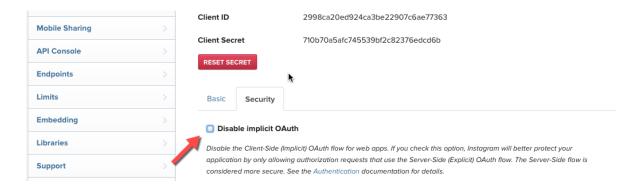
<u>Instagram API</u> is used for this purpose. Everything related to the code for the communication with Instagram API is already implemented.

Instagram Application ID

Please note that you should create and register a new Instagram Client (application) by following the URL below:

https://instagram.com/developer/clients/manage/

Once the API Application is created navigate to the "Security" tab and check the "Disable implicit Auth" option. It should not be checked.



Keep also a note of the "Client ID". You need to define this App ID in the Gruntfile.js file, as shown below:

```
Gruntfile.js
     app-settings.service.js
           wrap: "use strict";\n\n {%= __ngModule %}',
          name: 'config',
          dest: '<= yeoman.app %>/<= yeoman.scripts %>/configuration.js'
         },
         development: {
         constants: {
           ENV: {
             name: 'development',
64
             apiEndpoint: 'http://dev.yoursite.com:10000/',
              youtubeKey: 'A
              ionicPrivateKey: '
              ionicPublicKey: '€
              ionicAppId: '241b6a3/', //'2113C/56',
             gcmId: '228071472080',
70
              instagramAppId: '
              facebookAppId: '7
              // http://logicum.co/getting-a-facebook-page-permanent-access-token/
              facebookPermanentAccessToken: '
74
              firebaseUrl: 'music-band-ionic.firebaseio.com',
               audioStream: 'http://stream-dc1.radioparadise.com/mp3-128'
```

Gruntfile.js

Facebook Albums

This feature integrates Facebook Albums into Music Band Ionic. <u>Facebook Graph API</u> is used for this purpose.

Everything related to the code for the communication with Facebook API is already implemented.

Facebook permanent Page Access token

For accessing the Albums and their images of a Facebook page the authorization of the user is not required. It would be a bad user experience either.

For cases like this the "Permanent Facebook Access token" could be used. This allows the application to establish an authenticated connection with the API of Facebook by using a token (key) stored in the source code of the application.

For instructions on how to create your permanent token please check the following web page:

http://logicum.co/getting-a-facebook-page-permanent-access-token/

You need to define this PermanentAccessToken in the Gruntfile.js file, as shown below:

Facebook Page

Music Band Ionic is already configured in order to pull and display the photos in the albums of a particular Facebook page.

The only information you need to set is the id of the Facebook page you would like to be used. The **page id** can be found in the browser's URL when you are visiting a Facebook Page



Once you have created your **PermanentAccessToken** and chosen the **page id**, set them in the Gruntfile.js **and** local-app-settings.service.js **files respectively as shown** below:

```
Truntfile.js - /Users/skounis/Documents/ionic/music-band - Atom
         Gruntfile.js
          options: {
            space: '',
            wrap: '"use strict";\n\n {%= __ngModule %}',
            name: 'config',
           dest: '<= yeoman.app %>/<= yeoman.scripts %>/configuration.js'
          },
60
          development: {
           constants: {
              FNV: {
63
                name: 'development',
                apiEndpoir
                youtubeKey
                ionicPriva
                ionicPubli
                ionicAppIc
                gcmId: '22
70
                instagramA
                // http://logicum.co/getting-a-facebook-page-permanent-access-token/
                facebookPermanentAccessToken: CAANL6xXrSH
                firebaseUrl: 'music-band-ionic.firebaseio.com'
              }
```

Gruntfile.js

```
😸 local-app-settings.service.js - /Users/sofia/Documents/music-band - Atom
> iii .temp
                                          local-app-settings.service.js
                                           /* @ngInject */
 > bower_components
                                            function localAppSettings($q) {
  > fonts
                                              var settings = {
                                                welcomeTitle: 'The Music Band',
  > images
  welcomeSlogan: 'But suddenly popular music became bigger than it had ever been
    > chats
    youtubeUser: 'TheRollingStones',
      > directives
                                                 facebookPage: 'therollingstones',
                                                 instagramTag: 'therollingstones',

▼ ■ services

                                                newsJSONURI: 'http://skounis.s3.amazonaws.com/mobile-apps/music-band/news.json
          app-settings.service.js
                                                wordPressURI: 'http://demo.titaniumtemplates.com/wordpress/tag/rollingstones/?
                                      20
          extenal-apps.service.js
                                                 website: 'http://www.rollingstones.com/',
          firebase-app-settings.service.js
                                                store: 'http://rollingstones.shop.bravadousa.com/store/',
          html-to-plain-text.service.js
                                               iTunesURI: 'https://itunes.apple.com/us/artist/the-rolling-stones/id1249595',
        local-app-settings.service.js
          parse-app-settings.service.js
                                                 audioStream: 'http://stream-dc1.radioparadise.com/mp3-128',
        DS_Store
        common.module.js
                                                 socialMediaAccounts: {
    > events
                                                   facebook: 'therollingstones',
    > a facebook
                                                   twitter: 'RollingStones',
      home
                                      30
                                                   instagram: 'therollingstones',
        D home data convice is
```

app-settings.service.js

Live Radio

In order to set the audio stream, open the <code>local-app-settings.service.js</code> file and change the highlighted value:

```
a local-app-settings.service.js - /Users/sofia/Documents/music-band - Atom
> iii .temp
                                                         local-app-settings.service.js
→ app
                                                       10 /* @ngInject */
   > bower_components
                                                               function localAppSettings($q) {
   > in fonts
                                                                var settings = {
                                                                   welcomeTitle: 'The Music Band',
   > images
   14
                                                                    welcomeSlogan: 'But suddenly popular music became bigger than it had ever been
     > chats
                                                    youtubeUser: 'TheRollingStones',
facebookPage: 'therollingstones',
instagramTag: 'therollingstones',
newsJSONURI: 'http://skounis.s3.amazonaws.com/mobile-apps/music-band/news.json
wordPressURI: 'http://demo.titaniumtemplates.com/wordpress/tag/rollingstones/?
website: 'http://www.rollingstones.com/',
store: 'http://rollingstones.shop.bravadousa.com/store/',
iTunesURI: 'https://itunes.apple.com/us/artist/the-rolling-stones/id1249595',
// Live Radio
audioStream: 'http://stream-dc1.radioparadise.com/mp3-128',
     > directives

▼ ■ services

              app-settings.service.js
              extenal-apps.service.js
              firebase-app-settings.service.js
              html-to-plain-text.service.js
           local-app-settings.service.js
               parse-app-settings.service.js
           DS_Store
           common.module.is
                                                   27
                                                                    socialMediaAccounts: {
       > events
                                                     28
                                                                       facebook: 'therollingstones',
      > 🖿 facebook
                                                      29
                                                                         twitter: 'RollingStones',

→ Implement home

                                                                      instagram: 'therollingstones',
          home-data service is
```

app-settings.service.js

SHOUTcast Metadata

When a <u>SHOUTcast</u> sound stream is set in the application's settings, the song title, artist name and cover photo, that are part of the SHOUTcast metadata, are fetched into the app while the live radio is playing. Therefore, Music Band app will extract the song artist-title and use it for the construction of an iTunes API request in order to get the song's cover image.

Configuration

First, make sure you have set an audio stream url that is SHOUTcast in the app settings as described in the previous section.

An example of a SHOUTcast URL is:

http://198.100.125.242:80/

This URL consists of the server IP and the server port. All SHOUTcast streams use port 80.

Then, you need to define if you want the app to pull metadata from that stream or not. This can be done by modifying the value of the highlighted variable in the

local-app-settings.service.js file under the app/scripts/common/services path. Thus, in case of pulling metadata set it to true:

```
▼ □ music-band

                                              local-app-settings.service.js
                                                   var sectings = 1
  oit.
                                                     welcomeTitle: 'The Music Band',
  > iii .temp
                                                     welcomeSlogan: 'But suddenly popular music becam
                                          14

▼ app

    > bower_components
                                                      youtubeUser: 'TheRollingStones',
    > fonts
                                                      facebookPage: 'therollingstones',
    > images
                                                      instagramTag: 'therollingstones',

✓ scripts

                                                      newsJSONURI: http://skounis.s3.amazonaws.com/mo
       > chats
                                                      wordPressURI: 'http://demo.titaniumtemplates.com
      website: 'http://www.rollingstones.com/',
         > directives
                                                      store: 'http://rollingstones.shop.bravadousa.com

▼ ■ services

                                                      iTunesURI: 'https://itunes.apple.com/us/artist/t
                                          24
                                                     // Live Radio
             app-settings.service.js
                                                     audioStream: 'http://198.100.125.242:80/',
             extenal-apps.service.js
                                                     hasAudioStreamMeta: true,
             firebase-app-settings.service.js
                                                     // audioStream: 'http://stream-dcl.radioparadise
             html-to-plain-text.service.js
                                                     // hasAudioStreamMeta: false,
            local-app-settings.service.js
             parse-app-settings.service.js
                                                      cociolModioAccountos (
```

local-app-settings.service.js

About Shoutcast

Read more about Shoutcast in the following resources:

- Wikipedia: https://en.wikipedia.org/wiki/SHOUTcast
- Official Shoutcast site: http://www.shoutcast.com/
- Samples of radio stations:
 - o Radio Caprice Chicago Blues http://79.111.14.76:9091/
 - Blues After Hours http://46.23.68.170:8108/

Videos

This feature shows videos by integrating Youtube playlists into Music Band Ionic. <u>YouTube</u> <u>DATA API (v3)</u> is used for this purpose.

Everything related to the code for the communication with YouTube DATA API is already implemented. The user should only define the YouTube account username by replacing the variable "youtubeUser" as shown below. The respective file,

local-app-settings.service.js is located app/scripts/common/services/path.

```
🚵 local-app-settings.service.js - /Users/sofia/Documents/music-band - Atom
000

▼ □ music-band

                                     local-app-settings.service.js
 > iii .git
                                  6
                                        .factory('localAppSettings', localAppSettings);
 > iii .temp
 ♥ app
                                     localAppSettings.$inject = ['$q'];
                                  8
   > bower_components
   > in fonts
                                  10 /* @ngInject */
   > images
                                  function localAppSettings($q) {
                                      var settings = {

▼ in scripts

     > chats
                                         welcomeTitle: 'The Music Band',

✓ market common

                                 14
                                         welcomeSlogan: 'But suddenly popular music became bigger than it had ever been
       > im directives

	✓ ■ services

        DS Store
        common.module.js
                                         audioStream: 'http://stream-dc1.radioparadise.com/mp3-128',
     > events
                                 26
     > m facebook
                                          socialMediaAccounts: {

▼ Im home

                                             facebook: 'therollingstones',
```

app-settings.service.js

API key

Please, note that you will need a developer key in order to make YouTube API calls. To create that key, you will need a registered Google account.

Therefore, using the <u>Google API Console</u>, you will need to enable the YouTube Data API service and generate your API key.

You can find more instructions on how create a YouTube key in the video below: https://www.youtube.com/watch?v=zOYW7FO9rzA

As shown below, you need to define this key in the Gruntfile.js file.

```
app-settings.service.js
                                   Gruntfile.js
     // https://github.com/diegonetto/generator-ionic/blob/master/docs/FAQ.md#how-do-i-add-constants
     ngconstant: {
       options: {
          space: ' ',
          wrap: '"use strict";\n\n {%= __ngModule %}',
          name: 'config',
          dest: ' >= yeoman.app >> / >= yeoman.scripts >> /configuration.js'
60
        development: {
         constants: {
            ENV: {
             name: 'development',
              apiEndpoint: 'http://dev.yoursite.com:10000/',
65
              youtubeKey: '/
66
              ionicPrivateKey: '
             ionicPublicKey: '
             ionicAppId: '241b6d37', //'2113c/58',
              gcmId: '228071472080',
70
             instagramAppId: '
             facebookAppId: '
              // http://logicum.co/getting-a-facebook-page-permanent-access-token/
              facebookPermanentAccessToken:
74
              firebaseUrl: 'music-band-ionic.firebaseio.com',
              audioStream: 'http://stream-dc1.radioparadise.com/mp3-128'
```

Gruntfile.js

For more information, please, checkout the following references:

- 1. YouTube Data API (v3)
- 2. Registration of the application with Google

Events

Events screen is configured to fetch data from an array in

local-app-settings.service.js file under the app/scripts/common/services/path. In order to add an event, follow the highlighted structure below:

```
local-app-settings.service.js - /Users/sofia/Documents/music-band - Atom
music-band
                                                         local-app-settings.service.js
  > 🛅 .git
                                                    34 // Events
  > in .temp
                                                             var events = [{
  🕶 🛅 арр
                                                    36
                                                                title: 'Hartford United States XL Center',
     > bower_components
                                                                 type: 'info',
     > fonts
                                                    38
                                                                startsAt: new Date(2015, 5, 25, 1),
     > images
                                                    39
                                                               endsAt: new Date(2015, 5, 26, 15),

▼ image scripts

                                                    40
                                                               editable: false,
               hats
ommon

directives

app-settings.service.js

extenal-apps.service.js

firebase-app-settings.service.js

html-to-plain-text.service.is

deletable: false,
incrementsBadgeTotal: false

title: 'Trenton Sun National Bank Center',
type: 'important',
startsAt: new Date(2015, 5, 6, 12),
endsAt: new Date(2015, 5, 9, 15),
oditable: false
        > in chats

✓ im common

          > directives

▼ m services

                html-to-plain-text.service.js
                                                   48
                                                              editable: false,
               local-app-settings.service.js 49
                                                             deletable: false,
                parse-app-settings.service.js
                                                   incrementsBadgeTotal: false
```

app-settings.service.js

For more information, please visit https://github.com/mattlewis92/angular-bootstrap-calendar.

Events Map

The Map Window annotations are automatically created based on the corresponding information in the <code>app/scripts/map/map.service.js</code> file.

To set your annotations, open the <code>local-app-settings.service.js</code> file located under the <code>app/scripts/common/services/path</code> and adjust the highlighted array.

```
🖥 local-app-settings.service.js - /Users/sofia/Documents/music-band - Atom

▼ ☐ music-band

                                                        local-app-settings.service.js
                                                             Star Cont. Hen Successory of 1-1, 12/1
  ait.
                                                                   endsAt: new Date(2015, 6, 15, 15),
  > im .temp
                                                                  editable: false,
                                                      64

✓ app

                                                                  deletable: false,
                                                      65
     > bower_components
                                                                   incrementsBadgeTotal: false
     > fonts
                                                               }];
                                                     67
     > images

▼ ■ scripts

                                                                // Events Map
                                                                var mapData = {
        > in chats
                                                      70
                                                                  origin: {

▼ m common

               directives

directives

services

app-settings.service.js

extenal-apps.service.js

firebase-app-settings.service.js

html-to-plain-text.service.js

local-app-settings.service.js

parse-app-settings.service.js

parse-app-settings.service.js

DS_Store

71

latitude: 37.407,

annotations: [{

title: 'Hartford U

latitude: 37.407,

longitude: -122.1

}, {
           > in directives

▼ ■ services

                                                                   title: 'Hartford United States XL Center.',
              DS_Store
                                                   81
                                                                    title: 'Trenton Sun National Bank Center.',
              common.module.js
                                                   82
                                                                      latitude: 37.41,
         > events
                                                                      longitude: -122.1
         > a facebook
                                                                     }]
                                                      84

▼ ■ home

                                                                };
```

app-settings.service.js

The origin property sets the point where the map will be centered.

You are able to set as many annotation points as you wish. To do this, you need to extend the existing JSON structure.

Push Notification

Before you proceed further please check the related documentation provided by Ionic: http://docs.ionic.io/v1.0/docs/push-from-scratch

Plugins

Install the required plugins by using the following commands:

```
$ ionic plugin add https://github.com/phonegap-build/PushPlugin.git
$ ionic add ngCordova
$ ionic add ionic-service-push
```

Ionic Platform

Please, confirm that you have already created the coresponding Application in your ionic.io account and you have properly set the ID of you application in the Gruntfile.js

```
Gruntfile.js
                                ngconscance (
                                     options: {
                                             space: ' ',
                                              wrap: "use strict";\n\n {%= __ngModule %}',
                                           name: 'config',
                                           dest: '<= yeoman.app %/<>= yeoman.scripts %/configuration.js'
                                   },
60
                                       development: {
                                           constants: {
                                                  ENV: {
                                                           name: 'development',
64
                                                             apiEndpoint: 'http://dev.yoursite.com:10000/',
                                                             youtubeKey: '
                                                             ionicPrivateKey: '
                                                             ionicPublicKey: 'e
                                                  ionicAppId: '241b6d37', //'2113c758',
68
                                                          gcmId: '228071472080',
70
                                                           instagramAppId: '
                                                           facebookAppId: '7
                                                                                                                                              MINISTERNATION AND SERVICE OF THE PARTY OF T
                                                              // http://logicum.co/getting-a-facebook-page-permanent-access-token/
                                                             facebookPermanentAccessToken:
74
                                                               firebaseUrl: 'music-band-ionic.firebaseio.com',
                                                               audioStream: 'http://stream-dc1.radioparadise.com/mp3-128'
```

Gruntfile.js

iOS Configuration

Follow the instructions provided by Ionic and create your PFX (.p12) certificates.

http://docs.ionic.io/v1.0/docs/push-ios-setup

Remember to make ionic aware of your development and production certificates:

```
$ ionic push --ios-dev-cert
```

\$ ionic push --ios-prod-cert

Android Configuration

Follow the instructions provided by Ionic and create a Google Console project and the related API key.

http://docs.ionic.io/v1.0/docs/push-android-setup

Remember to send the API key to ionic.io:

```
ionic push --google-api-key your-google-api-key
```

Use the number of your project and set it as your "GCM ID" in the Gruntfile.js

```
Gruntfile.js
        ngconscance
         options: {
           space: ' ',
            wrap: "use strict"; \n\n {%= __ngModule %}',
           name: 'config',
           dest: ' yeoman.app % / yeoman.scripts % / configuration.js'
          },
          development: {
           constants: {
              ENV: {
               name: 'development',
               apiEndpoint: 'http://dev.yoursite.com:10000/',
               youtubeKey: '
               ionicPrivateKey: '
                ionicPublicKey: 'e
                ionicAppId: '241b6d37', //'2113c758',
68
                gcmId: '228071472080',
70
               instagramAppId: '
               facebookAppId: '7
               // http://logicum.co/getting-a-facebook-page-permanent-access-token/
                facebookPermanentAccessToken: '
74
                firebaseUrl: 'music-band-ionic.firebaseio.com',
                audioStream: 'http://stream-dc1.radioparadise.com/mp3-128'
              }
            }
```

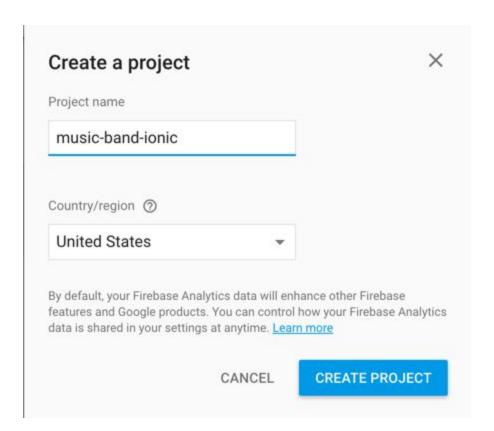
Gruntfile.js

Firebase Backend

The application is already ready to work with Firebase as its back-end. In this case all the Application settings like Welcome message, Social Media Accounts, Wordpress or Drupal URL, etc, are stored in Firebase and dynamically are loaded from there.

Create a Firebase App

First you should create a free Firebase account and create a new app there.

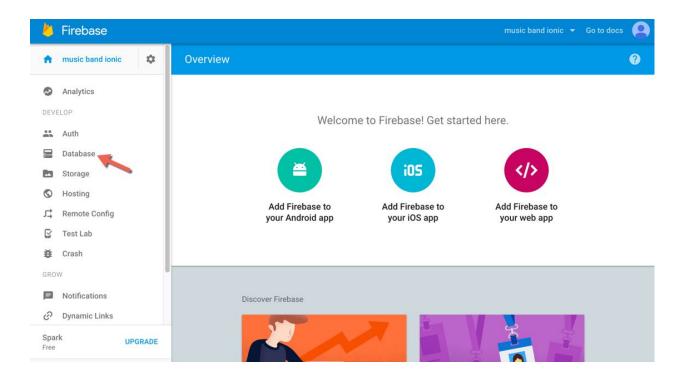


Then you should initialize this application by using the music-band-ionic-export.json file which is provided and is located under the misc/firebase/ path

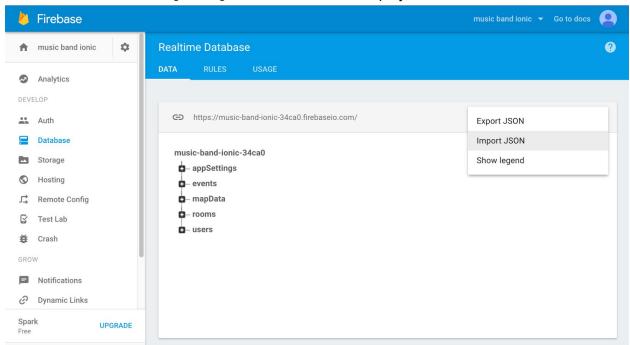


Create/Add data

Manage the app's data by clicking on the app and selecting "Database" from the side menu.



Then, choose the "Import JSON" option from the menu to import your data. Select the music-band-ionic-export.json file to initialize the project.



Now you are ready to configure the Music Band Ionic application.

Configuration of the application

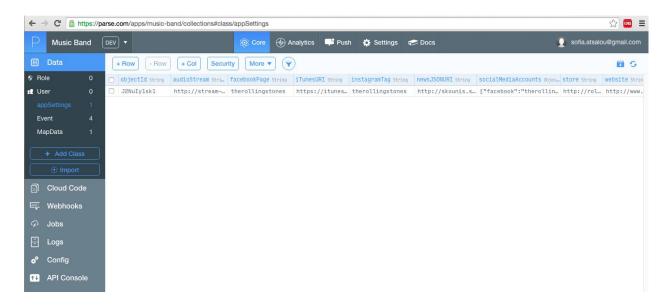
To set the Firebase project the app will work with, you should set the "settingsSource" variable as "FIREBASE" and define the "apiKey", "authDomain" and "databaseURL" in Gruntfile.js:

```
Gruntfile.js
            },
            development: {
              constants: {
                ENV: {
                  name: 'development',
                  youtubeKey: 'AIzaSyDael5MmCQa1GKQNKQYy
                  ionicPrivateKey: 'a9265eaf15a20cc8516c770e8748
                  ionicPublicKey: 'e30d4d540b8c75d1f167bbf242423c3fb23fe10275d1c016',
                  ionicAppId: '241b6d37', //'2113c758',
                  gcmId: '228071472080',
                  instagramAppId: '2998ca20ed924c
                                                                    ', //'ab4ccebff87a4
70
                  // http://logicum.co/getting-a-facebook-page-permanent-access-token/
                  facebookPermanentAccessToken: 'CAANL6xXrSHYBANNHhMUDugVZBHXfVQBMeWG6
71
72
                  firebaseConfig: {
                    apiKey: "AIzaSyDDK5YUttkgNoY97HALSXkU7S39bFA2rTQ",
                    authDomain: "music-band-ionic-34ca0.firebaseapp.com",
                    databaseURL: "https://music-band-ionic-34ca0.firebaseio.com"
                  parse: {
                    applicationId: 'sidmrb090qG3pe4iErva408MHFysJZ2zChYPAXlU',
                    key: 'e49Rnlja6llKnFW5p000F8dkHvJi5o1hrVzFGBnc'
                  },
                  // Where the settings values will come from.
                  // Available option:
                                : hardcoded withing the app code
                       LOCAL
                       FIREBASE : values are retrieved from Firebase
                       PARSE: values are retrieved from Parse.com
                  settingsSource: 'FIREBASE'
```

Your application is now ready to pull its data from Firebase.

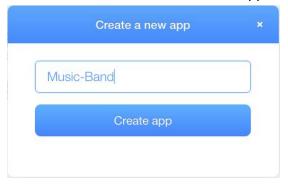
Parse Backend

Except from Firebase, the application can also retrieve the data it needs from <u>Parse</u>. If you choose this option, the Music Band app will use Parse as its backend to store all the app's settings, events for the Calendar and map data.

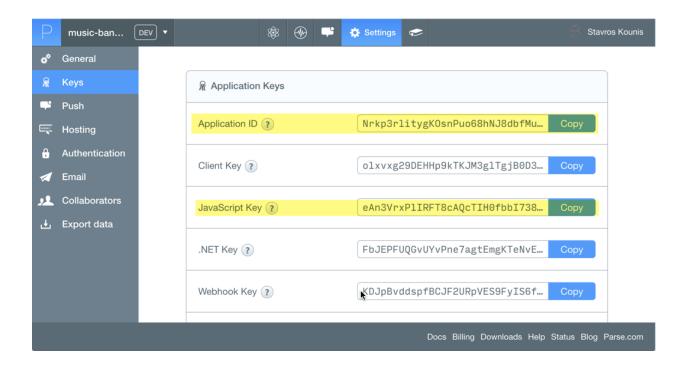


Parse App

First you should create a free Parse account and create a new app there.



Once the app is created in Settings on Keys tab, make a note of the ${\bf Application}\ {\bf ID}$ and ${\bf Javascript}\ {\bf Key}$:



These will be used later for the configuration of your Parse app.

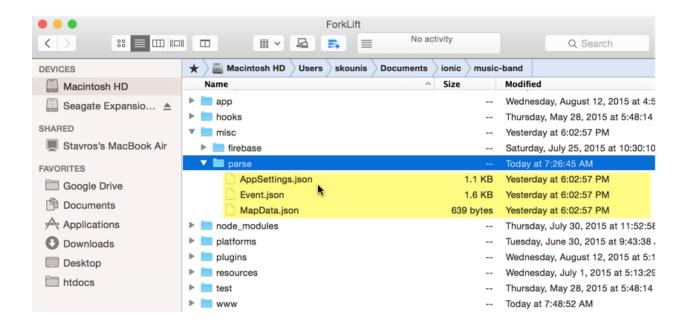
For now you should initialize this application and create the data structures that will be used by the mobile application.

Everything is already prepared for you and a set of initial values is already prepared ready to be imported in your newly created Parse application.

The files you will need are:

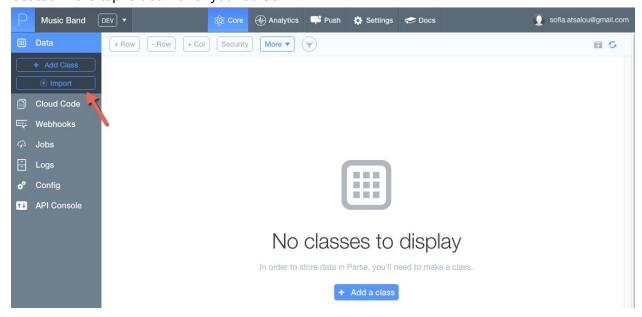
- AppSettings.json,
- Event.json
- MapData.json

All these files are are located under the misc/parse/ path

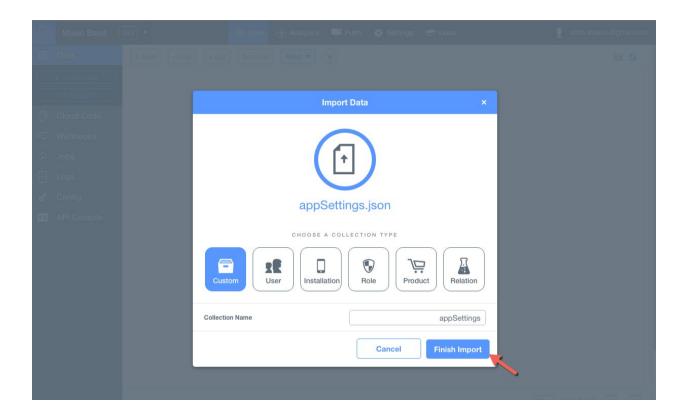


Initial import

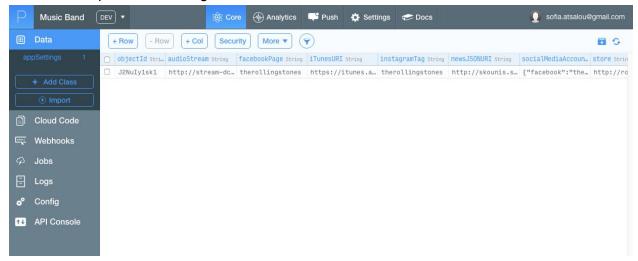
Navigate to the Data Browser of your Parse application and click the "Import" button which is located in the top left corner of your screen.



Select the AppSettings.json file and click the "Finish Import" button.



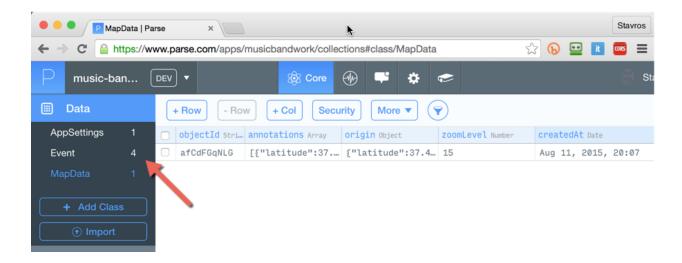
You will end up with something similar to the screen that follows:



Similarly, you will import the rest of the JSON files:

- Event.json
- MapData.json

If everything will be successfully completed you should end up with three custom data classes as shown below:



Now you are ready to configure the Music Band Ionic application.

Configuration of the Ionic application

Open the Gruntfile.js file and locate the ENV property under the development > constant path.

Application ID and Javascript Key

Check the applicationId and key properties and make sure you replace them with the ones of your Parse application. Remember that the values you should use are the "Application ID" and the "Javascript Key"

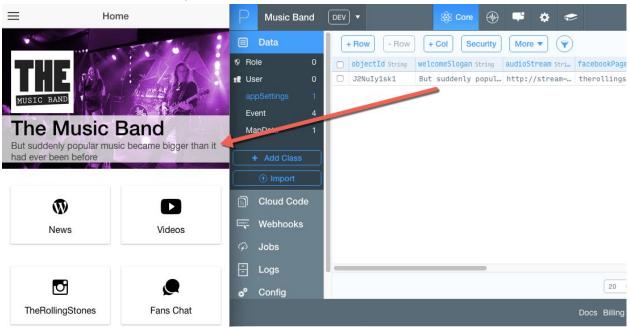
```
Gruntfile.js
              ENV: {
                name: 'development',
64
                apiEndpoint: '
                youtubeKey:
                ionicPrivateKey: '
                ionicPublicKey: 'e
                ionicAppId:
                qcmId:
70
                instagramAppId:
                // http://logicum.co/getting-a-facebook-page-permanent-access-token/
71
                facebookPermanentAccessToken:
                firebaseUrl:
74
                parse: {
                  applicationId: '
                  key:
```

Settings Source

Locate the settingsSource property and set its value to PARSE

```
Gruntfile.js
                 ITLENGSEOL C.
                               music-pand-ionic. Firebaseio.com ,
74
                 parse: {
                   applicationId: 'sidmrb090qG3pe4iErva408MHFysJZ2zChYPAXlU',
                   key: 'e49Rnlja6llKnFW5p000F8dkHvJi5o1hrVzFGBnc'
                },
                // Where the settings values will come from.
                // Available option:
                               : hardcoded withing the app code
                     LOCAL
                11
                     FIREBASE : values are retrieved from Firebase
                     PARSE: values are retrieved from Parse.com
                 settingsSource : 'PARSE'
84
            }
          },
```

Your application is now ready to pull its data from Parse.



Support

With regard to technical questions, new ideas and suggestions, you may use the dedicated form and choose the product your enquiry refers to:

http://support.appseed.io/customer/portal/questions/new

References / Links:

YouTube channel

Periodically, video demonstrations and tutorials related to this product will be published in my YouTube channel.

• Codecanyon User page

You may contact me by using my user page on Codecanyon.

• <u>Titanium Templates Forum</u>

The Google Group that has been created for this product.

Quick Start Guide

The online version of this document.

Thank you

Thank you again for purchasing my product. If you have any questions that are beyond of the scope of this help file, please feel free to email also via my user page contact form.

--- Stavros.