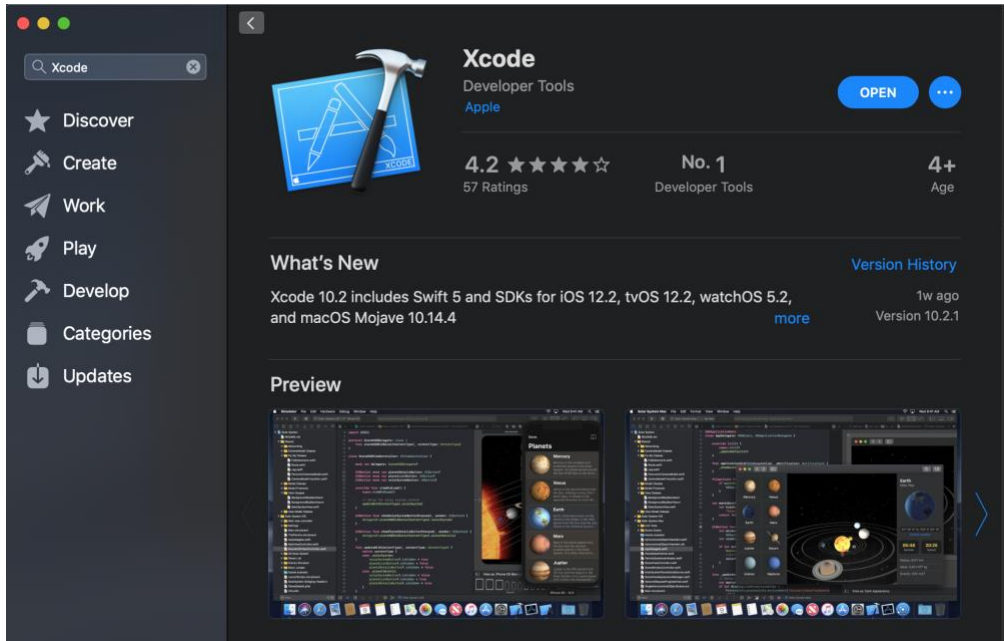


Spotify Playlist React Native & GraphQL

Documentation

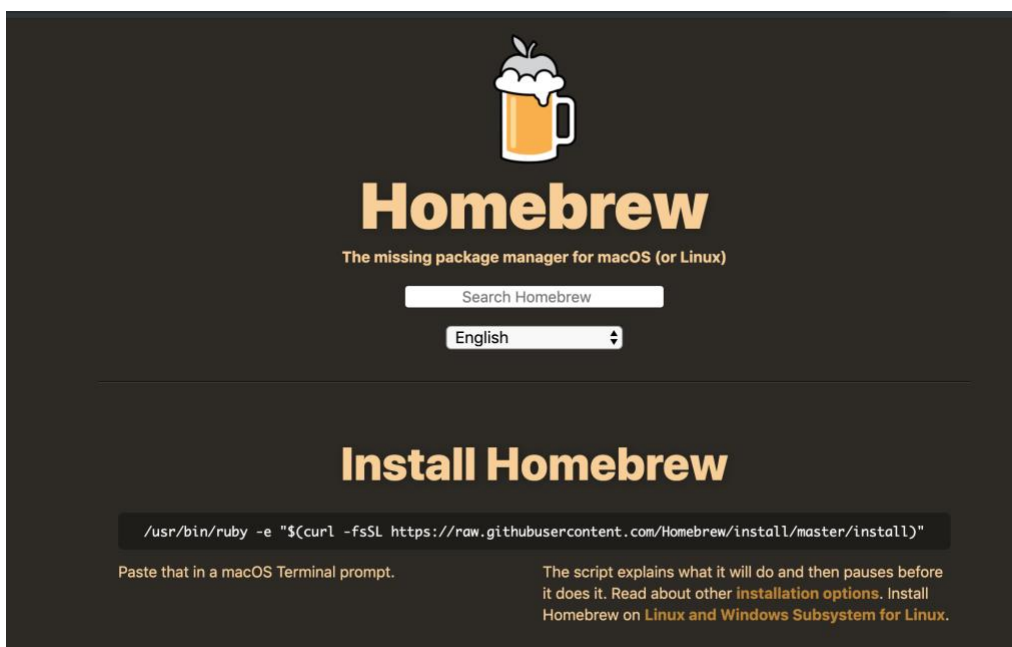
Mac

1. Install Xcode from App Store or update to the latest version if already installed (For Command Line Tools) (<https://itunes.apple.com/ae/app/xcode/id497799835?mt=12>)



2. Open Terminal and Install Homebrew (<https://brew.sh>) using the following command -It's a package installer for Mac.

`/usr/bin/ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"`



3. Install Watchman (<https://facebook.github.io/watchman/> - watch files and record when they change) , yarn (<https://yarnpkg.com/en/> Yarn is a package manager for your code), Git (<https://git-scm.com/> free and open source distributed version control system) and Node.js – npm is installed simultaneously (JavaScript runtime built)

```
brew install watchman
brew install yarn
brew install git
brew install node
```

4. To check if node & npm are installed, type

```
node -v
npm -v
```

5. Install React Native (<https://facebook.github.io/react-native/> - framework for building native apps using React) & Expo Client (<https://expo.io/> - toolkit for React Native)

```
sudo npm install -g react-native-cli
sudo npm install expo-cli --global --unsafe-perm
```

6. Expo Client Mobile Application

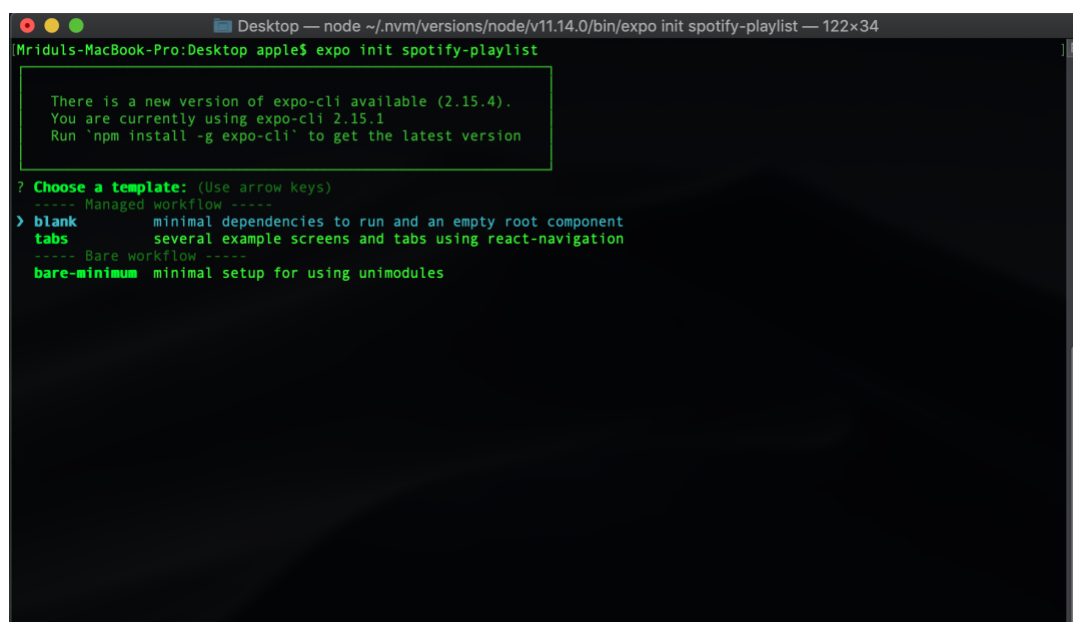
iPhone - <https://itunes.apple.com/us/app/expo-client/id982107779?mt=8>

Android - <https://play.google.com/store/apps/details?id=host.exp.exponent&hl=en>

7. Open Terminal and type

```
cd Desktop
```

8. Create a blank expo template, select the blank template and the name project - Spotify Playlist



```
Desktop — node ~/.nvm/versions/node/v11.14.0/bin/expo init spotify-playlist — 122x34
Mridul-MacBook-Pro:Desktop apple$ expo init spotify-playlist

There is a new version of expo-cli available (2.15.4).
You are currently using expo-cli 2.15.1
Run 'npm install -g expo-cli' to get the latest version

? Choose a template: (Use arrow keys)
  ~~~~ Managed workflow ~~~~
> blank      minimal dependencies to run and an empty root component
  tabs       several example screens and tabs using react-navigation
  ~~~~ Bare workflow ~~~~
  bare-minimum minimal setup for using unimodules
```

```
Desktop — node ~/nvm/versions/node/v11.14.0/bin/expo init spotify-playlist — 122x34
Mriduls-MacBook-Pro:Desktop apple$ expo init spotify-playlist

There is a new version of expo-cli available (2.15.4).
You are currently using expo-cli 2.15.1
Run 'npm install -g expo-cli' to get the latest version

? Choose a template: expo-template-blank
? Please enter a few initial configuration values.
Read more: https://docs.expo.io/versions/latest/workflow/configuration/ > 100% completed
{
  "expo": {
    "name": "Spotify Playlist",
    "slug": "spotify-playlist"
  }
}
}
```

9. Open the folder & Install Apollo Boost, React Apollo & GraphQL using Node.js

```
cd spotify-playlist
npm install
npm install --save apollo-boost react-apollo graphql-tag graphql
```

10. Open the spotify-playlist using Finder and use any code editor to open App.js

11. Copy code from here (https://github.com/The-Assembly/Spotify_playlist_ReactNative_GraphQL/blob/master/spotify%20playlist%20project/Step-1) and paste it in App.js and go to Terminal and type

```
npm start (or) expo start
```

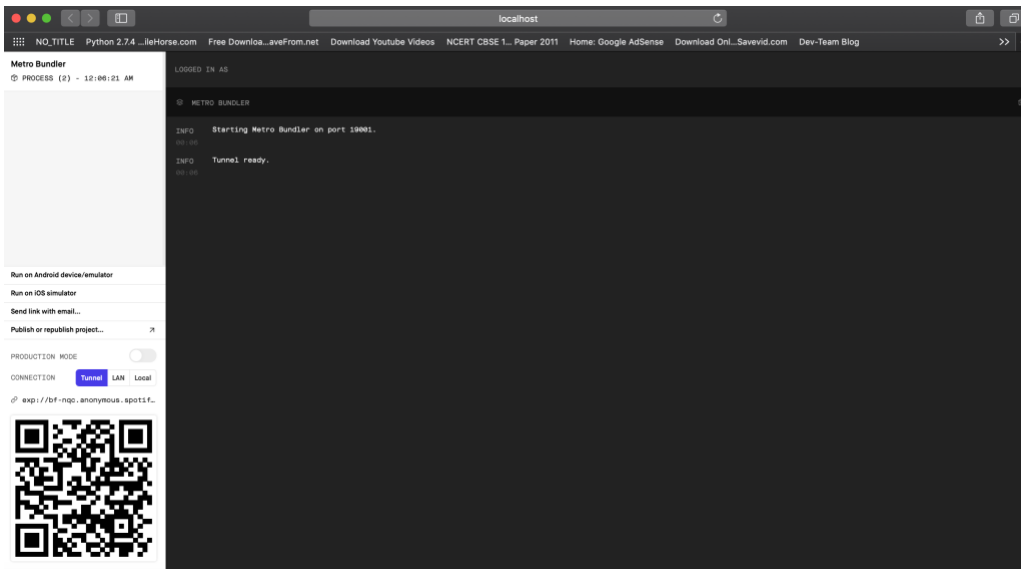
12. Open the Camera App (iPhone) or Expo Client App (Android) to scan the barcode from terminal or Tunnel barcode from local host

```
spotify-playlist — ngrok - npm MANPATH=/Users/apple/.nvm/versions/node/v11.14.0/share/man:/Library/Frameworks/Python.framework/Versions/3.6/sh...
Opening DevTools in the browser... (press shift-d to disable)
Starting Metro Bundler on port 19001.
Tunnel ready.
exp://192.168.1.134:19000

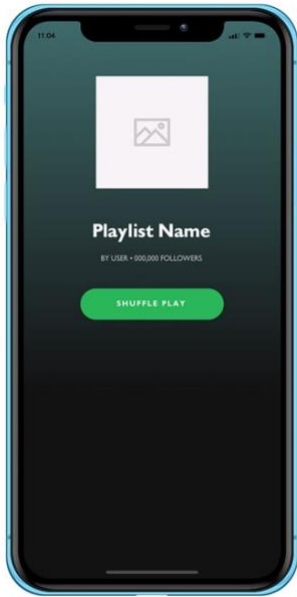


To run the app with live reloading, choose one of:
• Scan the QR code above with the Expo app (Android) or the Camera app (iOS).
• Press a for Android emulator, or i for iOS simulator.
• Press e to send a link to your phone with email.
• Press s to sign in and enable more options.

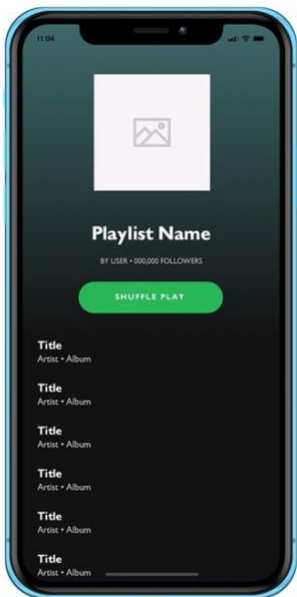
Press ? to show a list of all available commands.
Logs for your project will appear below. Press Ctrl+C to exit.
```



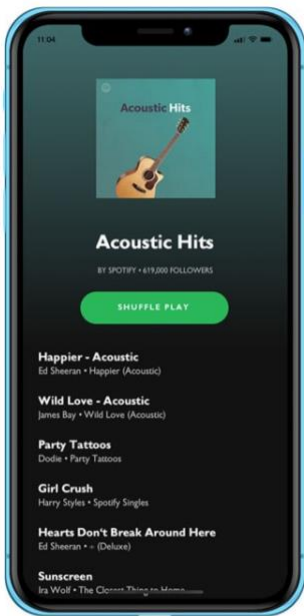
13. Now, Download gibson-bold.ttf and Gibson-regular.ttf (https://github.com/The-Assembly/Spotify_playlist_ReactNative_GraphQL/tree/master/spotify%20playlist%20project/assets)
14. Copy code from here (https://github.com/The-Assembly/Spotify_playlist_ReactNative_GraphQL/blob/master/spotify%20playlist%20project/Step-2) and paste it in App.js, then save it. The Application running on mobile is automatically updated.



15. Copy code from here (https://github.com/The-Assembly/Spotify_playlist_ReactNative_GraphQL/blob/master/spotify%20playlist%20project/Step-3) and paste it in App.js, then save it. The Application running on mobile is automatically updated.



16. Now, open <https://pm5w1513r0.sse.codesandbox.io/> in a new tab and copy code from (https://github.com/The-Assembly/Spotify_playlist_ReactNative_GraphQL/blob/master/spotify%20playlist%20project/App.js) and paste it in App.js, then save it. The Application running on mobile is automatically updated. If you click on the songs, it will take you to YouTube/Spotify.



17. You can customize the playlist, go to (<https://codesandbox.io/s/pm5w15l3r0>) and fork the repository from Sandbox using GitHub account.

```

1 const { ApolloServer, gql } = require("apollo-server");
2
3 const playlist = {
4   name: "Acoustic Hits",
5   creator: "SPOTIFY",
6   followers: "619,000",
7   albumArt:
8     "https://github.com/jamieson/hosted/blob/master/...",
9   songs: [
10    {
11      key: "0",
12      title: "Happier - Acoustic",
13      artist: "Ed Sheeran",
14      album: "Happier (Acoustic)",
15      genre: "POP",
16      url: "https://www.youtube.com/watch?v=NmgNb7wh-Ec",
17    },
18    {
19      key: "1",
20      title: "Wild Love - Acoustic",
21      artist: "James Bay",
22      album: "Wild Love (Acoustic)",
23      genre: "POP",
24      url: "https://open.spotify.com/track/4zDQ510Cgho0",
25    },
26    {
27      key: "2",
28      title: "Party Tattoos",
29      artist: "Dodie",
30      album: "Party Tattoos",
31      genre: "POP",

```

```

[1/4] Resolving packages...
success Already up-to-date.
Done in 0.31s.
yarn run v1.13.0
$ node index.js localhost 4000
[nodemon] 1.18.4
[nodemon] to restart at any time, enter 'rs'
[nodemon] watching: *.*
[nodemon] starting 'node index.js localhost 4000'
Server ready at http://0.0.0.0:4000/
> Sandbox Container: sandbox pm5w15l3r0 started.

```