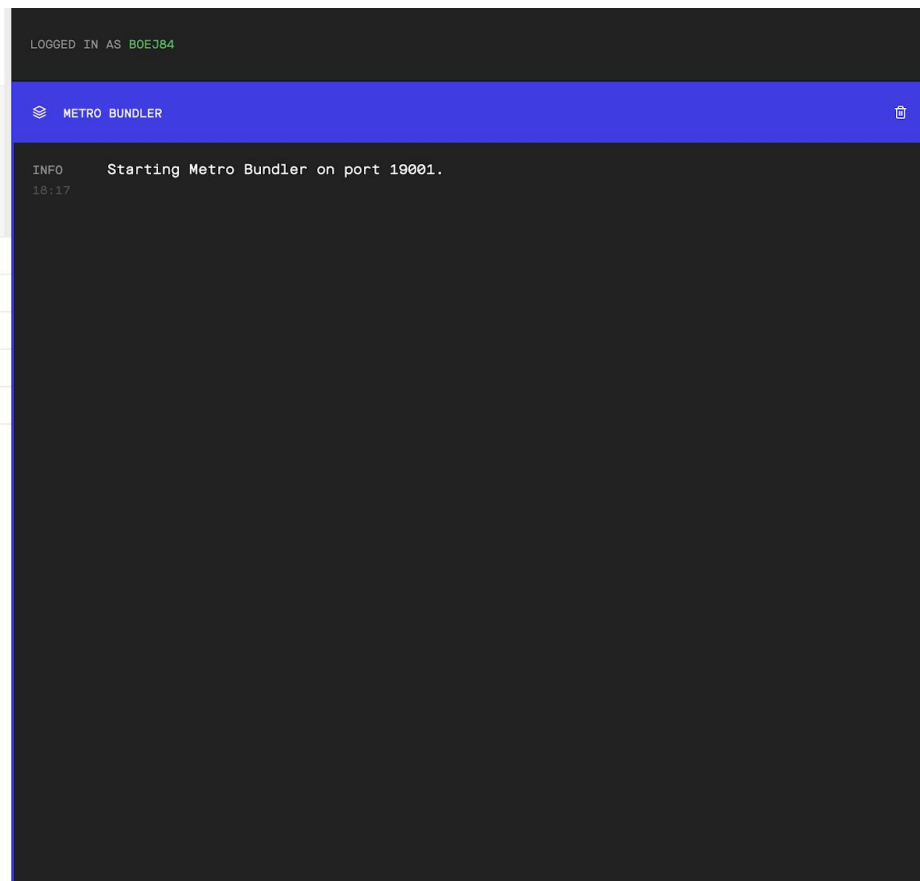
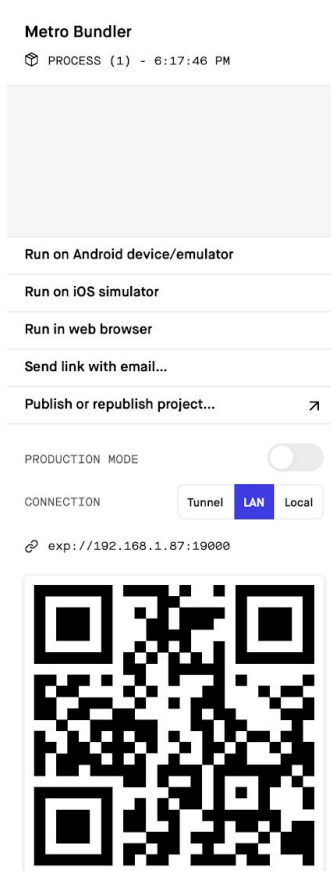


Last Updated: September 11, 2020

## How To:

1. From root of frontend repository, run 'npm start'
  - a. This will call 'expo start'
  - b. This should open a browser window, featuring a QR code



2. Decide whether you want to run the app on a physical phone or an emulator
  - a. Physical Phone:
    - i. IMPORTANT NOTE: your phone must be on the same WiFi network as your computer.
    - ii. Download the 'Expo' app from the App Store or Google Play Store and use it to scan the QR code.
  - b. Emulator:
    - i. Download Xcode or Android Studio and set up a virtual device so it can be run. (This might help for Android <https://docs.expo.io/workflow/android-studio-emulator/>)

- ii. Click the “Run on \_\_\_\_” for the emulator type you’d like to run on.
3. After scanning or clicking “Run”, expo should build the app, and then it should open on your device.
- a. Sometimes it can take awhile to start building, and I suggest just waiting it out. If it continues to not do anything for longer than a couple mins, maybe try running ‘npm start’ again.

```
INFO      Building JavaScript bundle: finished in 8619ms.  
18:25
```

4. The app should start running! The entry point of the program is in App.js.
5. As you’re making changes, saving should cause the app to automatically refresh, and you can see your changes very quickly. However, sometimes it can take awhile to refresh or won’t refresh at all. I’d recommend restarting ‘npm start’ again if your app still hasn’t updated after a minute.