HDK8350 Development Kit
Android 개발 환경 설정

개발자 모드 진입 및 pc 연결

- Android developer mode 진입
  - menu -> setting -> About phone -> build number 7번 tap

- pc 연결
  - USB 연결 방식에서 MIDI 선택

개발 환경

- Android Studio
  - Android Studio 4.2
  - android sdk 29 (API 29: Android 10.0(Q))
  - Android gradle plugin 4.1.0
  - Gradle 6.5
- tensorflow-lite
  - build.gradle 의 dependencies 부분에 아래 내용 추가
    - ```implementation 'org.tensorflow:tensorflow-lite:+'```
    - ```// Import tflite dependencies```
    - ```implementation 'org.tensorflow:tensorflow-lite:0.0.0-nightly'```
    - ```// The GPU delegate library is optional. Depend on it as needed.```
    - ```implementation 'org.tensorflow:tensorflow-lite-gpu:0.0.0-nightly'```
    - ```implementation 'org.tensorflow:tensorflow-lite-support:0.1.0-rc1'```
    - ```implementation 'org.tensorflow:tensorflow-lite-metadata:0.1.0-rc1'```
    - ```implementation 'org.tensorflow:tensorflow-lite:0.0.0-nightly-SNAPSHOT'```

App에 model file upload 하는 방법

- Android Studio -> view -> tool windows -> Device File Explorer
- 원하는 directory에 마우스 우클릭 후, upload 선택
  - e.g.,) /data/user/0/com.example.practice
  - 0: user number
  - com.example.practice: package name

- code 상에서 model load 방법
  - ```
    File h_model = new File(context.getFilesDir(), file_name);
    ```