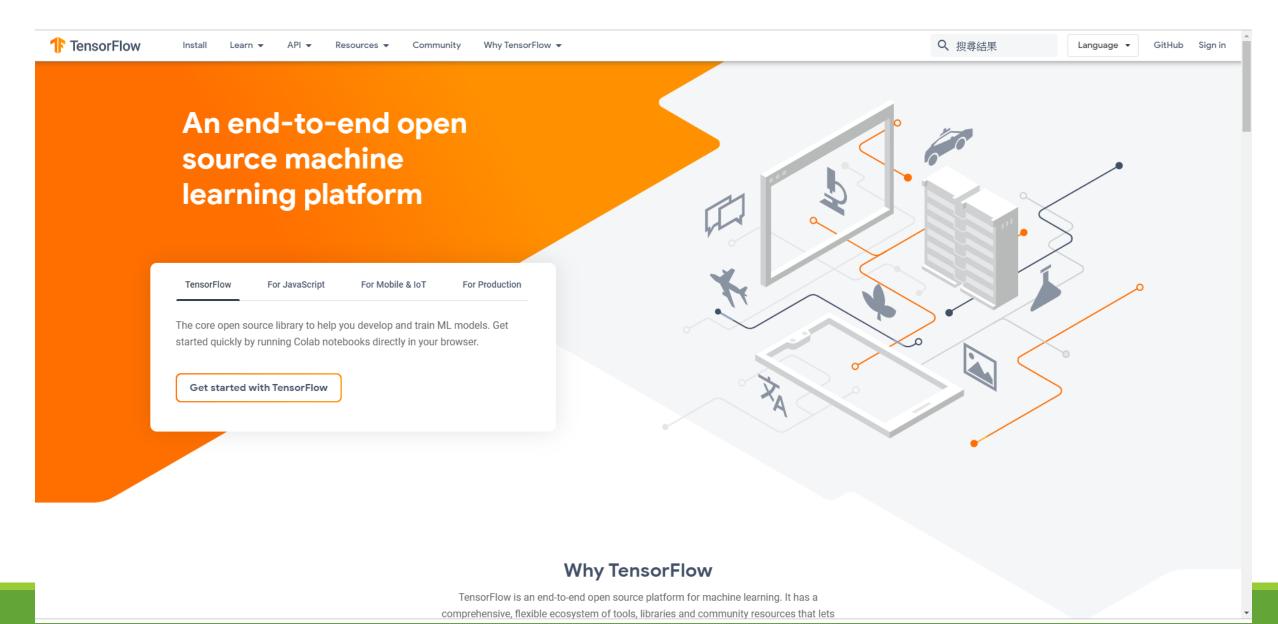


Lab 10 – TensorFlow Lite

KUAN-TING LAI

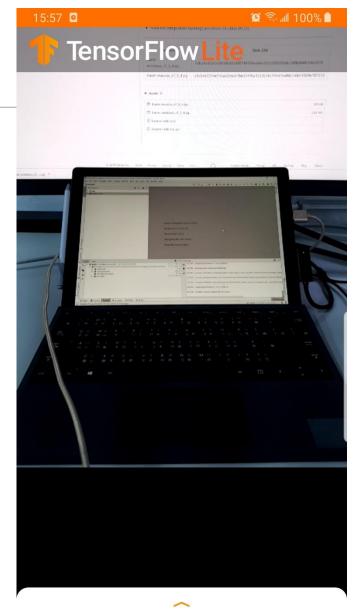
2019/12/7

TensorFlow



TensorFlow Lite for Android

- https://github.com/tensorflow/example s/tree/master/lite/examples/image_clas sification/android
- Real-time Image Classification

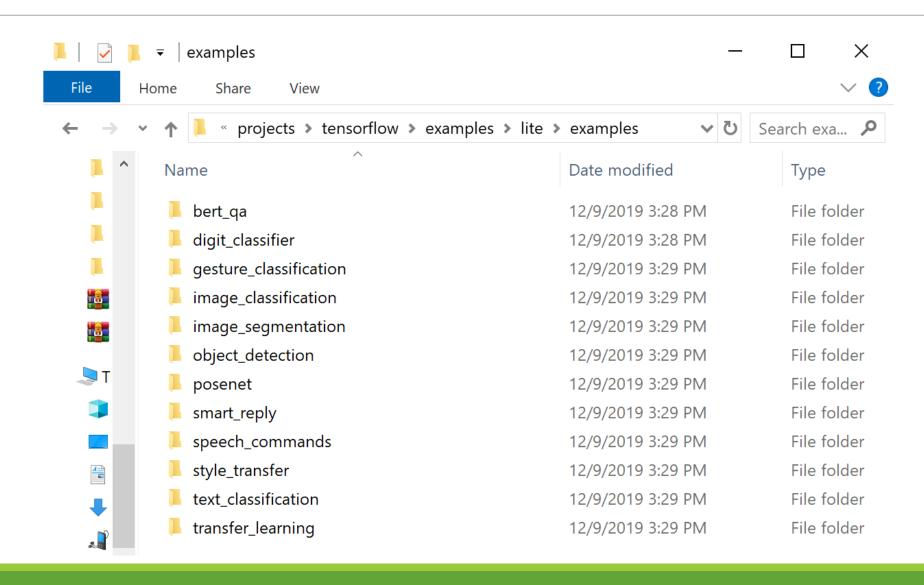


laptop 59.61% notebook 30.59% desktop computer 1.96%

Clone the TensorFlow Examples

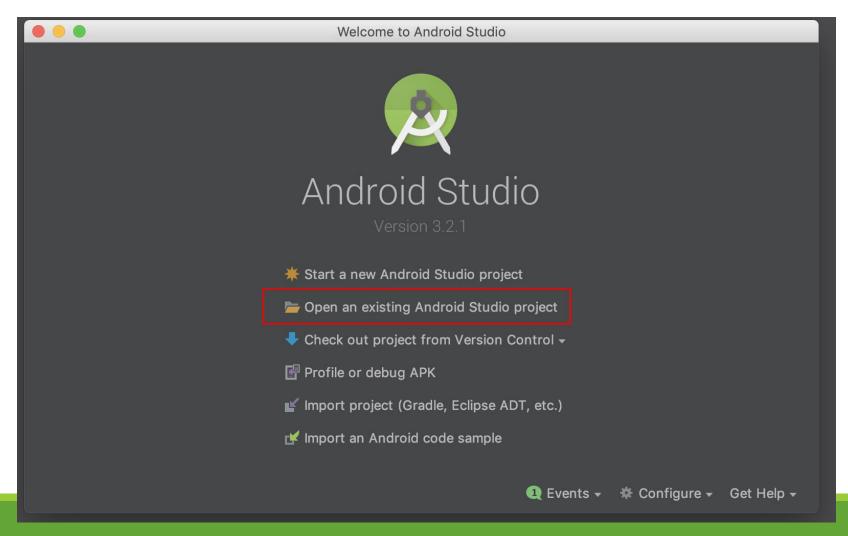
- Install Git client (https://git-scm.com/download/win)
- Open command line window, run
 - git clone https://github.com/tensorflow/examples

TensorFlow Lite Examples

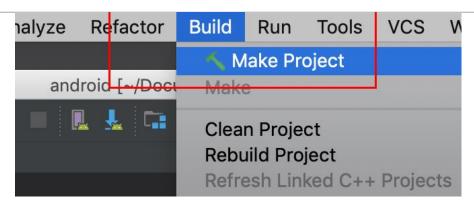


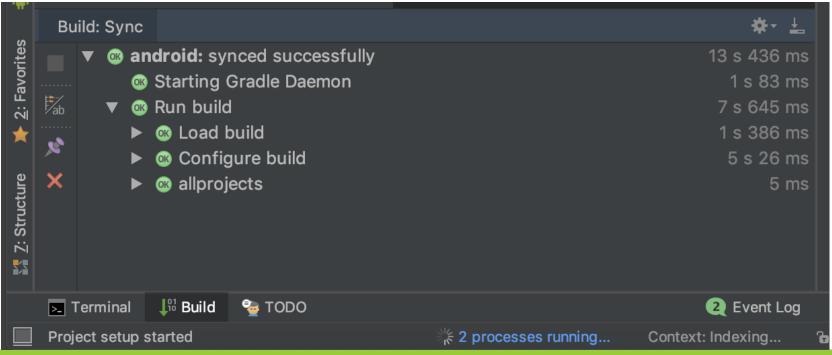
Open an Example Project

examples/lite/examples/image_classification/android

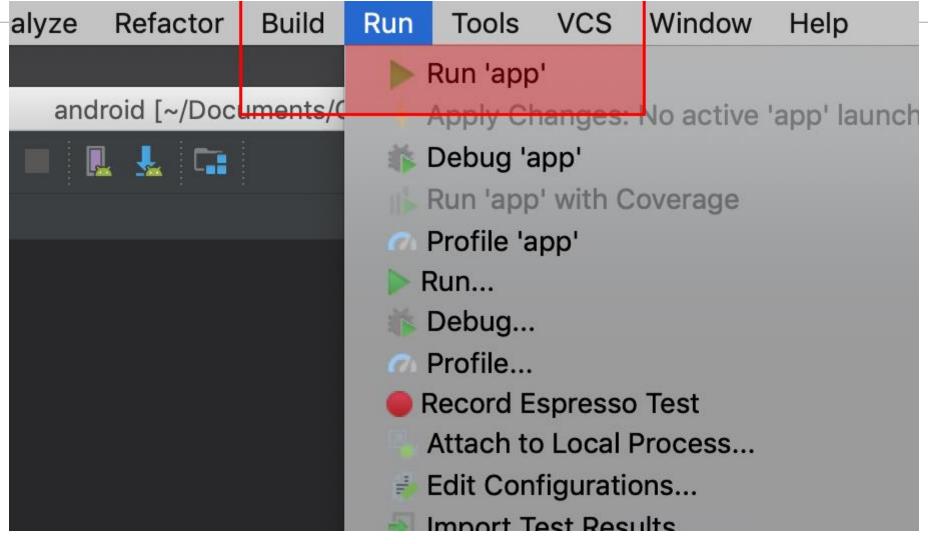


Build the Android Studio project



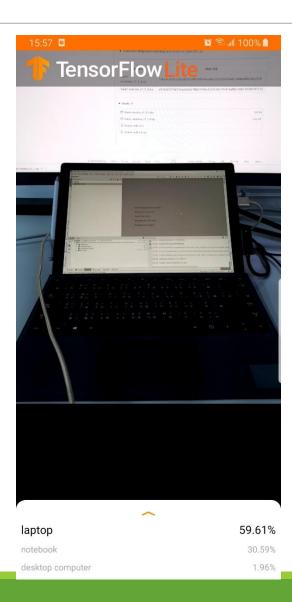


Deploy & Run



Open "TFL Classify" App on Your Device

Results



Run "TFL Classify" on Emulator



microwave 63.14% wardrobe 19.61%